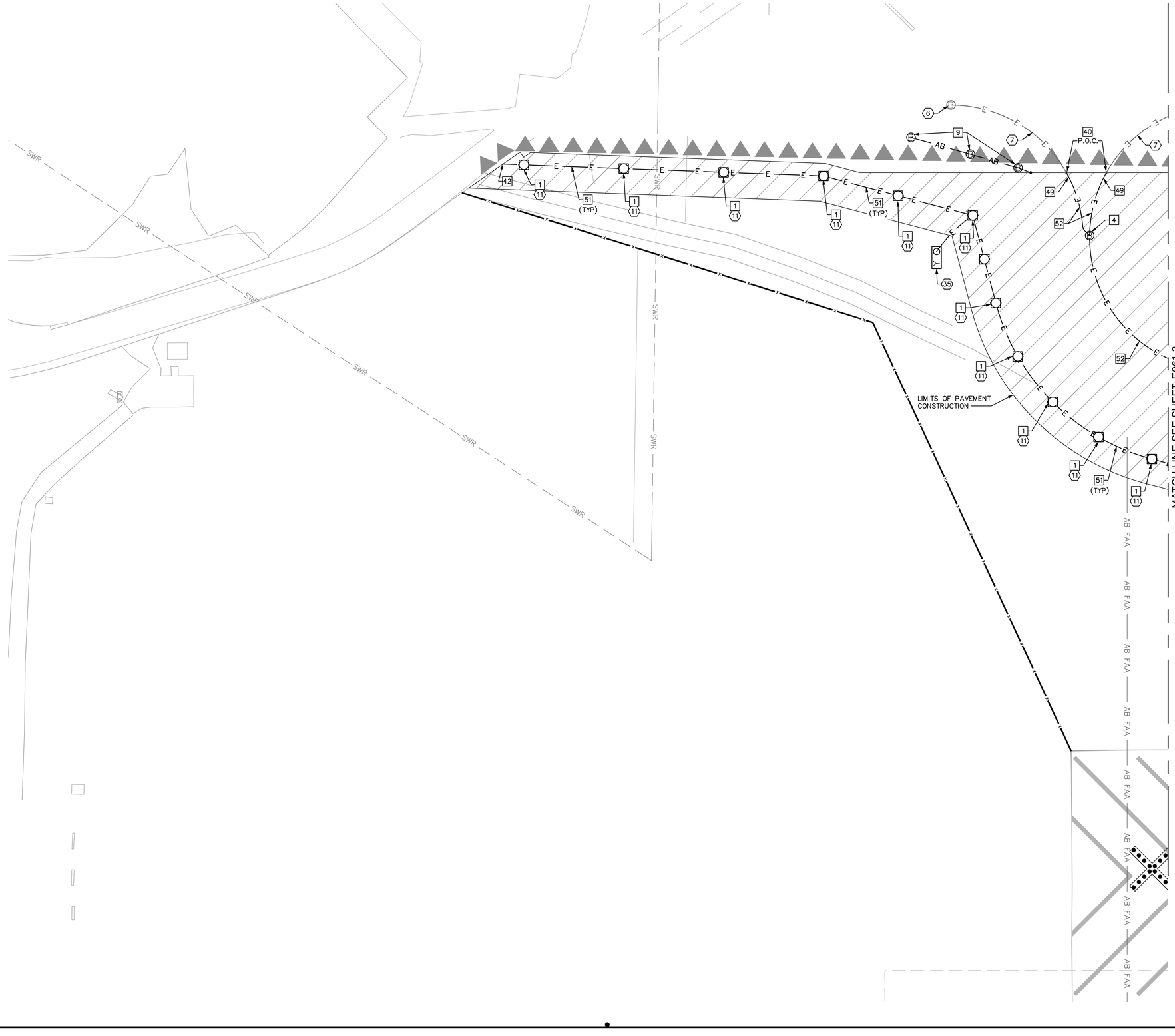


ELECTRICAL CONSTRUCTION NOTES

6 EXISTING BASE CAN, PROTECT IN PLACE.

7 EXISTING EMPTY CONDUIT, PROTECT IN PLACE.

11 INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.

35 NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

BASE CAN, FOUNDATION & CONDUIT NOTES

1 NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.

4 NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.

9 NEW 3/4" BLANK COVER ON EXISTING L-868 BASE CAN.

40 CONNECT NEW CONDUIT TO EXISTING CONDUIT. INSTALL NEW CONDUCTORS. SEE CIRCUIT MAPS, E4 SERIES DRAWINGS.

42 STUB AND CAP 1-2"C FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.

49 CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.

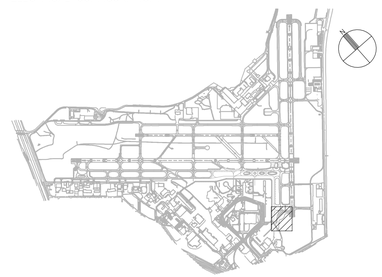
51 (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.

52 (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



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SCALE IN FEET

CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING
ISSUE:		----

PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-406-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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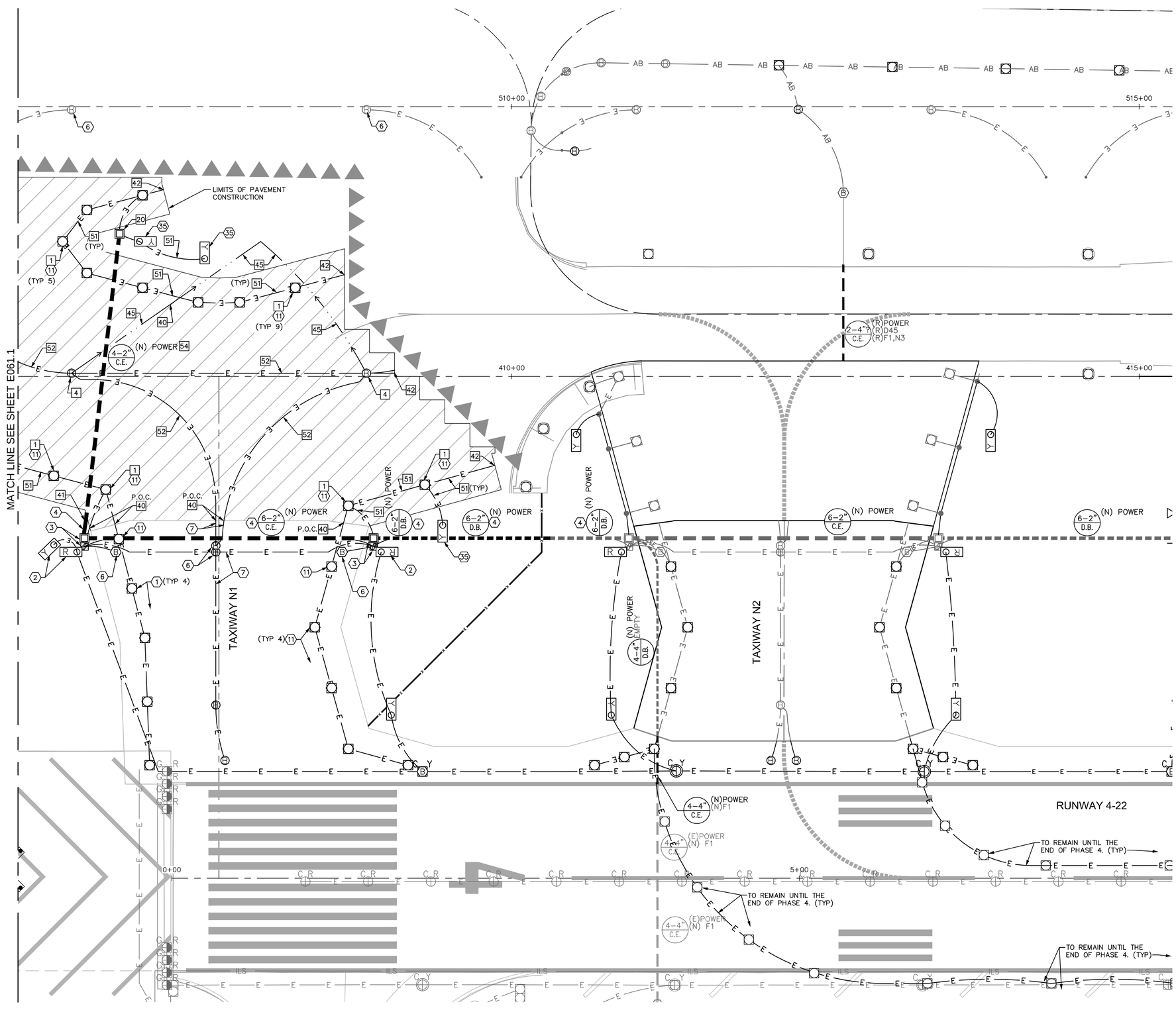
SHEET TITLE:

PHASE 4 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E061.1

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-406-C01.dwg May 18, 2015 Peterson, Cary



ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

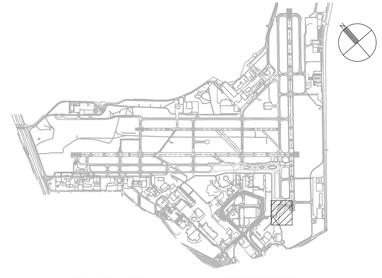
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L-115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
40. CONNECT NEW CONDUIT TO EXISTING CONDUIT. INSTALL NEW CONDUCTORS. SEE CIRCUIT MAPS, E4 SERIES DRAWINGS.
41. CONNECT NEW DUCT TO EXISTING DUCT AS SHOWN. INSTALL NEW CONDUCTORS. SEE CIRCUIT MAPS, E4 SERIES DRAWINGS.
42. STUB AND CAP 1-2"C FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
45. INSTALL 2"C (ITEM L-110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.
54. (N) DUCT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

ERIC C. LOVEJOY 84081 LICENSED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING

ISSUE:	----
PROJECT NO:	33-00178 and 33-00193
FILE NAME:	33-00193-R1EE-406-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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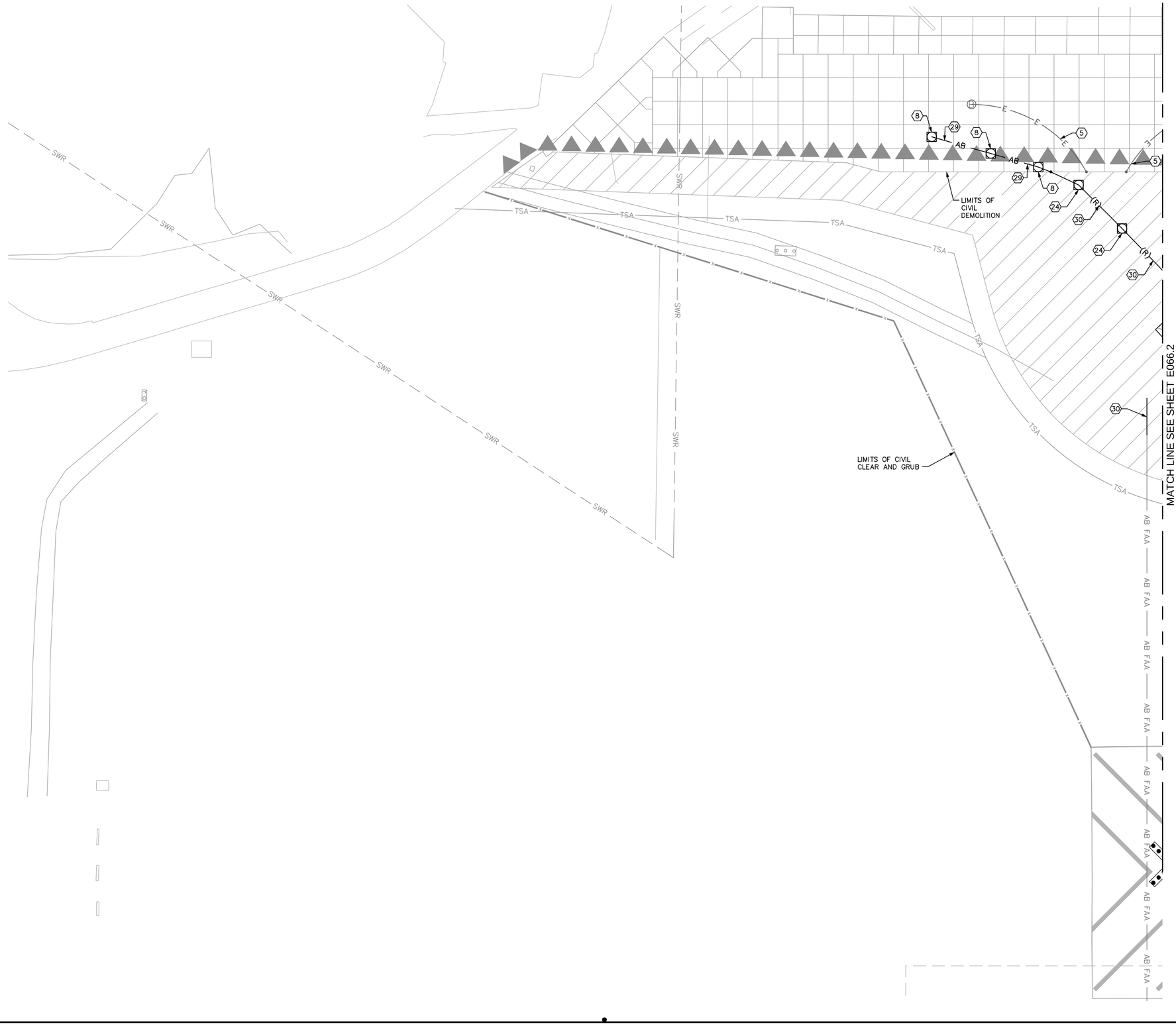
SHEET TITLE:

PHASE 4 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E061.2

SHEET NO. 157 OF 172

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-406-C01.dwg May 18, 2015 Peterson, Cory



ELECTRICAL DEMOLITION NOTES

(5) EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.

(8) SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.

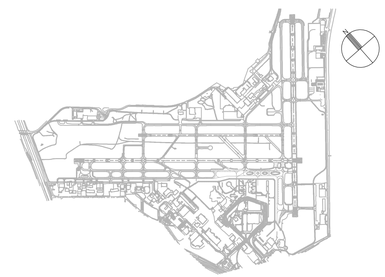
(24) REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.

(29) REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. ABANDON CONDUIT IN PLACE.

(30) REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.

GENERAL NOTES

1. SEE E061 DRAWINGS FOR ELECTRICAL LAYOUT PLANS.
2. SEE E2 SERIES & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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SCALE IN FEET

CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166

TEXAS REGISTERED FIRM,
NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING
ISSUE:		----
PROJECT NO:		33-00178 and 33-00193
FILE NAME:		_33-00193-R1ED-406-C01
DRAWN BY:		CMP
CHECKED BY:		ECL
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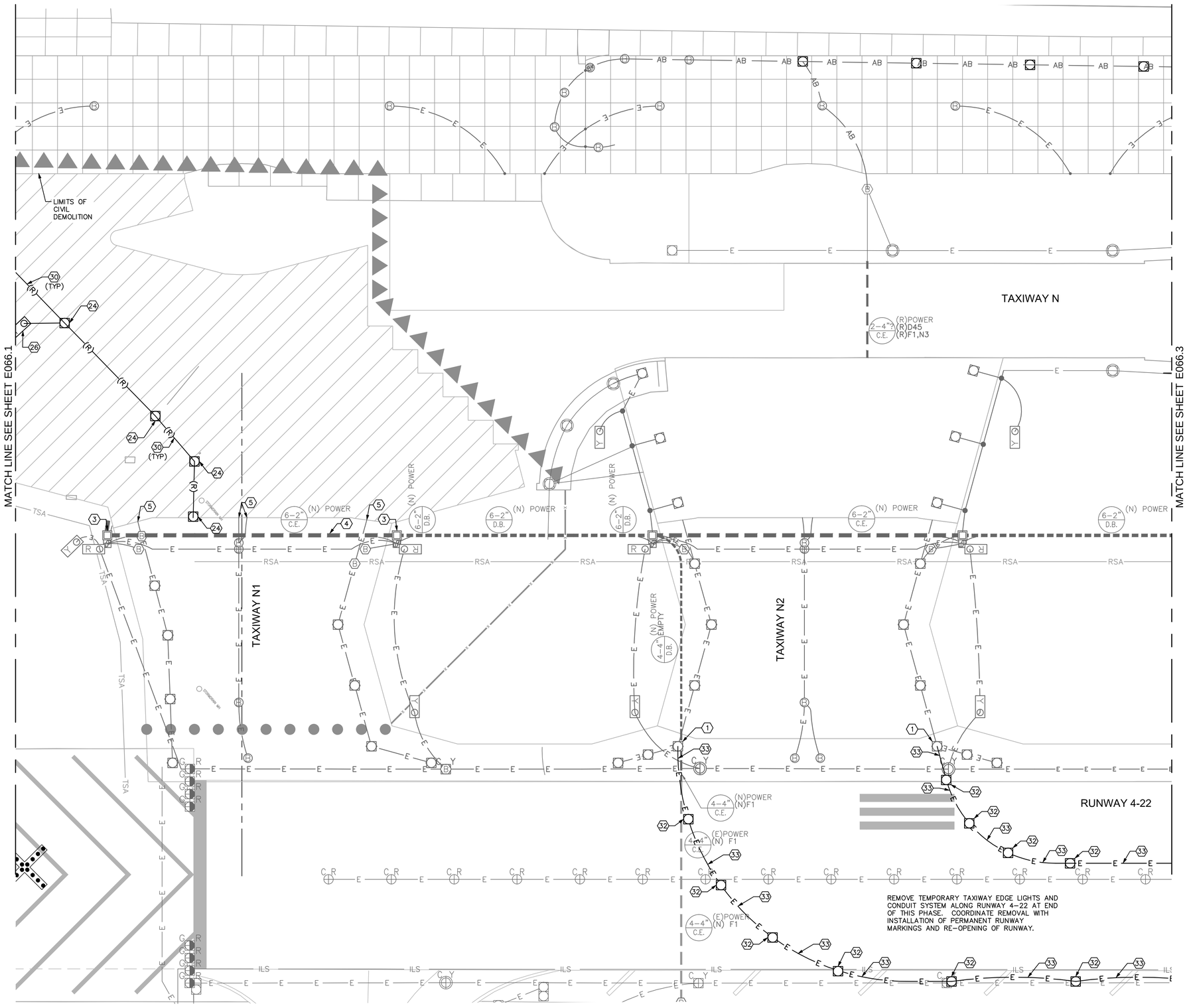
SHEET TITLE:

PHASE 4 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E066.1

SHEET NO. 158 OF 172

K:\REN_Aviation\191628001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1ED-406-C01.dwg May 18, 2015 Peterson, Cory

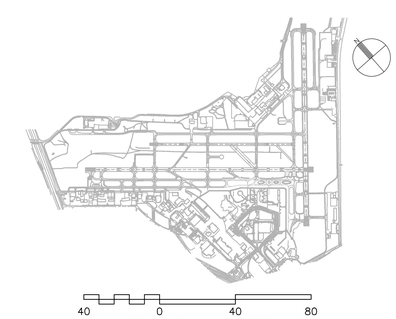


ELECTRICAL DEMOLITION NOTES

3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
26. REMOVE EXISTING SIGN, FOUNDATION AND ISOLATION TRANSFORMER FROM SITE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
32. REMOVE TEMPORARY SURFACE MOUNTED TAXIWAY EDGE LIGHT.
33. REMOVE TEMPORARY SURFACE MOUNTED CONDUIT AND CABLE OR DEB CABLE AS APPLICABLE.

GENERAL NOTES

1. SEE E061 DRAWINGS FOR ELECTRICAL LAYOUT PLANS.
2. SEE E2 SERIES DRAWINGS & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING

ISSUE:	----
PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1ED-406-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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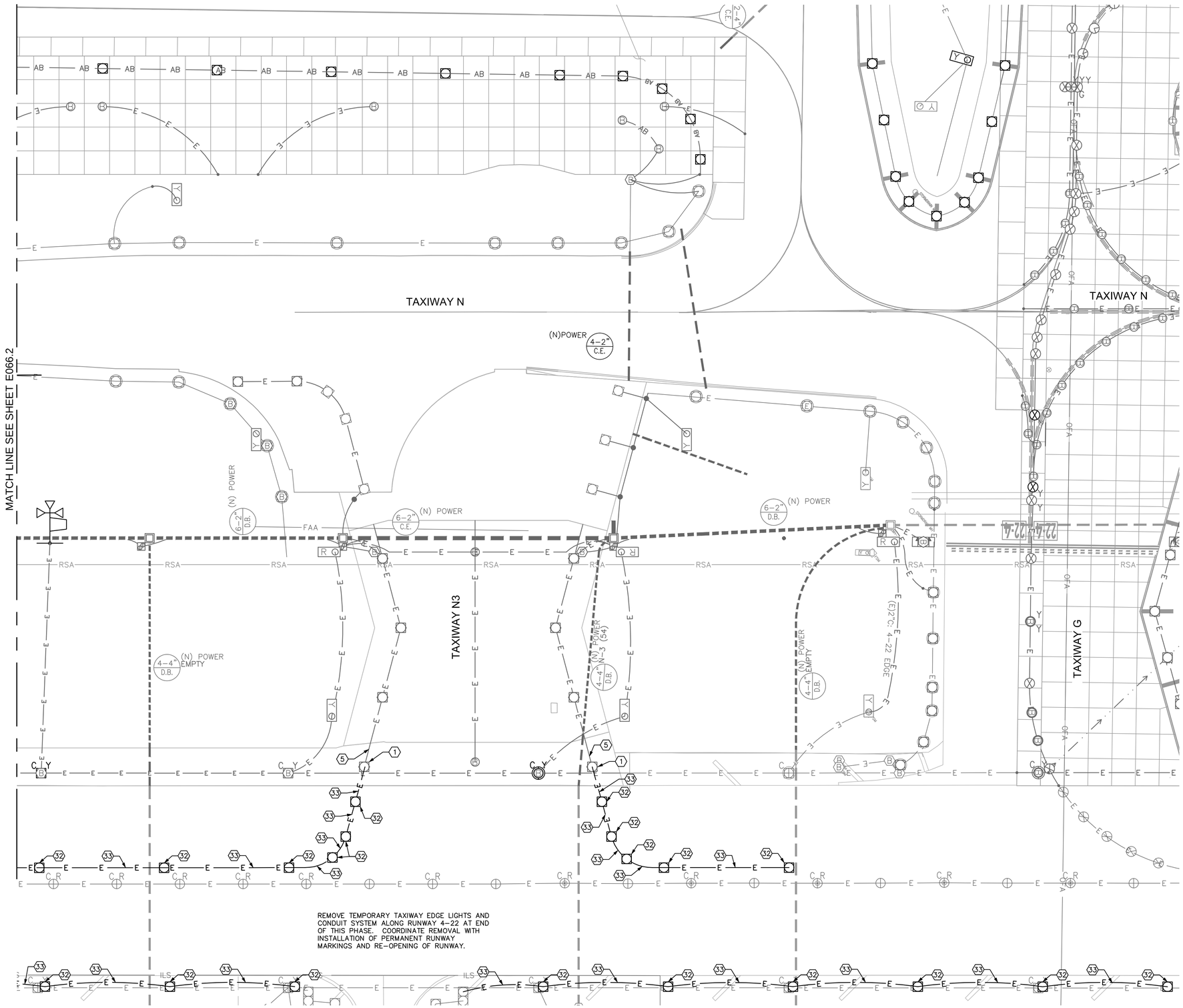
SHEET TITLE:

PHASE 4 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E066.2

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1ED-406-C01.dwg May 18, 2015 Peterson, Cory



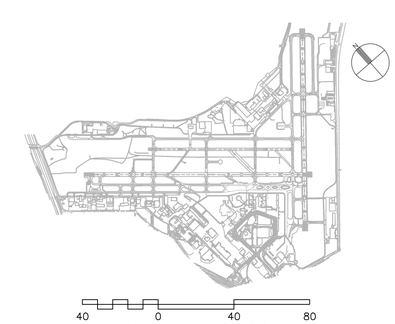
REMOVE TEMPORARY TAXIWAY EDGE LIGHTS AND CONDUIT SYSTEM ALONG RUNWAY 4-22 AT END OF THIS PHASE. COORDINATE REMOVAL WITH INSTALLATION OF PERMANENT RUNWAY MARKINGS AND RE-OPENING OF RUNWAY.

ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
32. REMOVE TEMPORARY SURFACE MOUNTED TAXIWAY EDGE LIGHT.
33. REMOVE TEMPORARY SURFACE MOUNTED CONDUIT AND CABLE OR DEB CABLE AS APPLICABLE.

GENERAL NOTES

1. SEE E061 DRAWINGS FOR ELECTRICAL LAYOUT PLANS.
2. SEE E2 SERIES DRAWINGS & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

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TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

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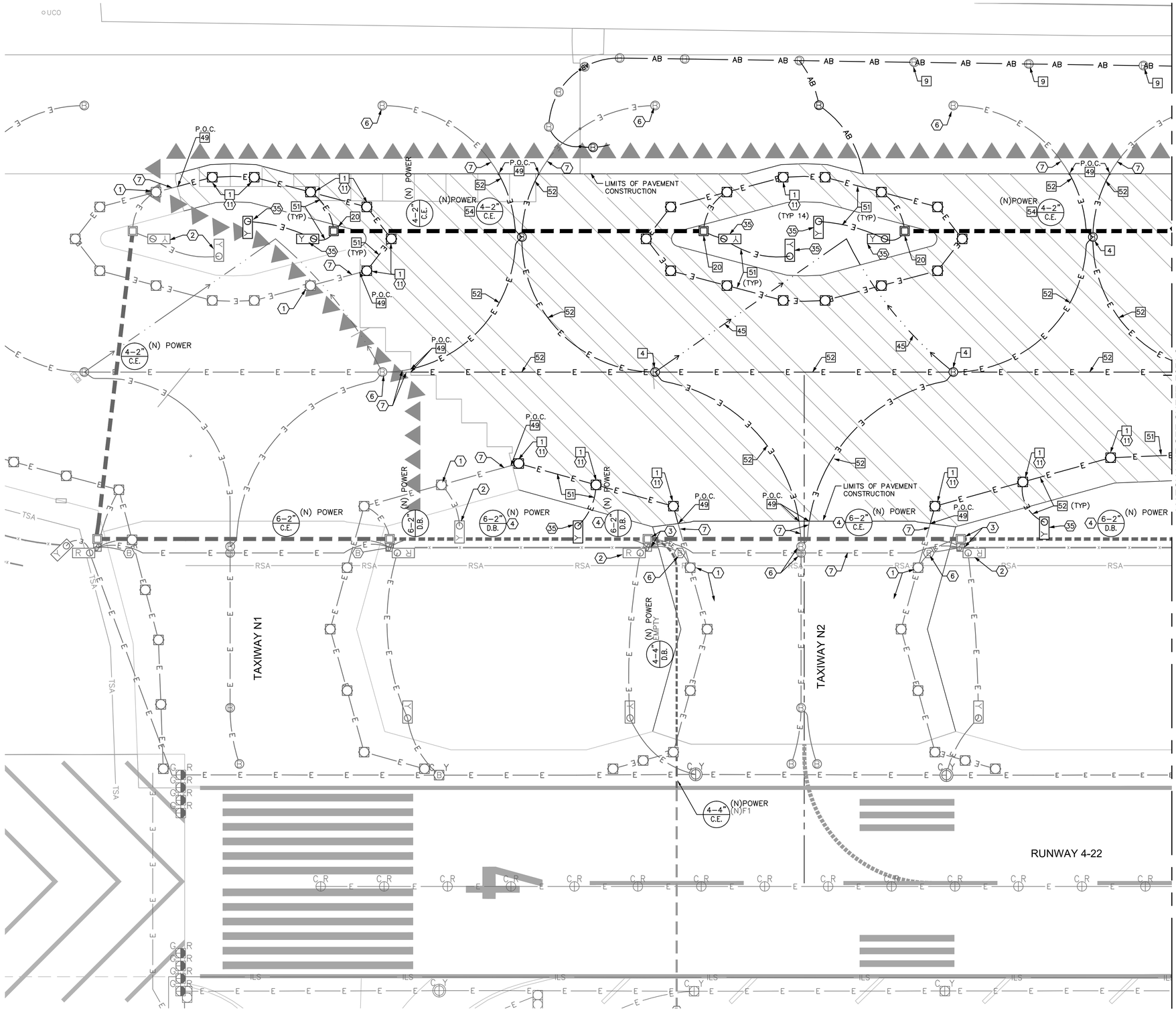
PHASE 4 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E066.3

SHEET NO. 160 OF 172

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1ED-406-C01.dwg May 18, 2015 Peterson, Cory



ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

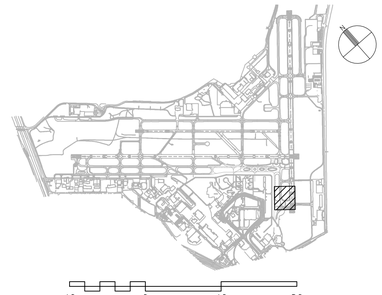
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
9. NEW 3/4" BLANK COVER ON EXISTING L-868 BASE CAN.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L-115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
45. INSTALL 2"C (ITEM L-110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
54. (N) DUCT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING
ISSUE:		----

PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-407-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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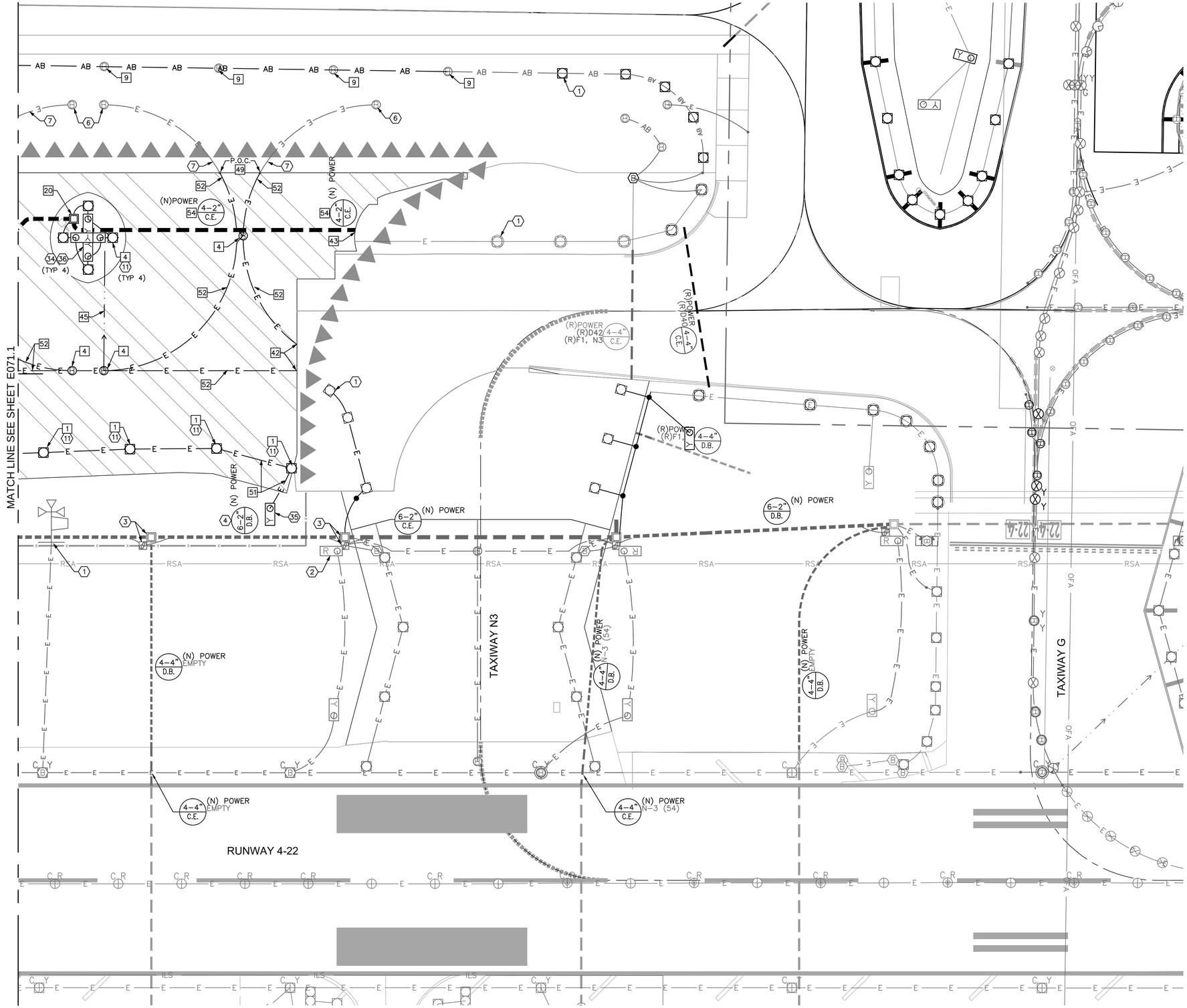
SHEET TITLE:

PHASE 5 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E071.1

SHEET NO. 161 OF 172

K:\PEN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CAD_PACKAGE 3_33-00193-R1EE-407-C01.dwg May 18, 2015 Peterson, Cory



ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
34. SIZE 2 SIGN.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.
36. NEW SIGN AND ISOLATION TRANSFORMER ON NEW L-868 BASE CAN WITH BLANK COVER IN NEW CONCRETE PAVEMENT.

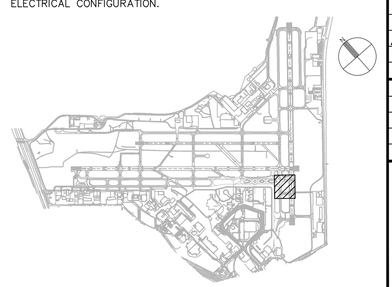
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
9. NEW 3/4" BLANK COVER ON EXISTING L-868 BASE CAN.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L-115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
42. STUB AND CAP 1-2"C FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
43. STUB AND CAP DUCT FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
45. INSTALL 2"C (ITEM L-110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
54. (N) DUCT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
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PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING
ISSUE:		----

PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-407-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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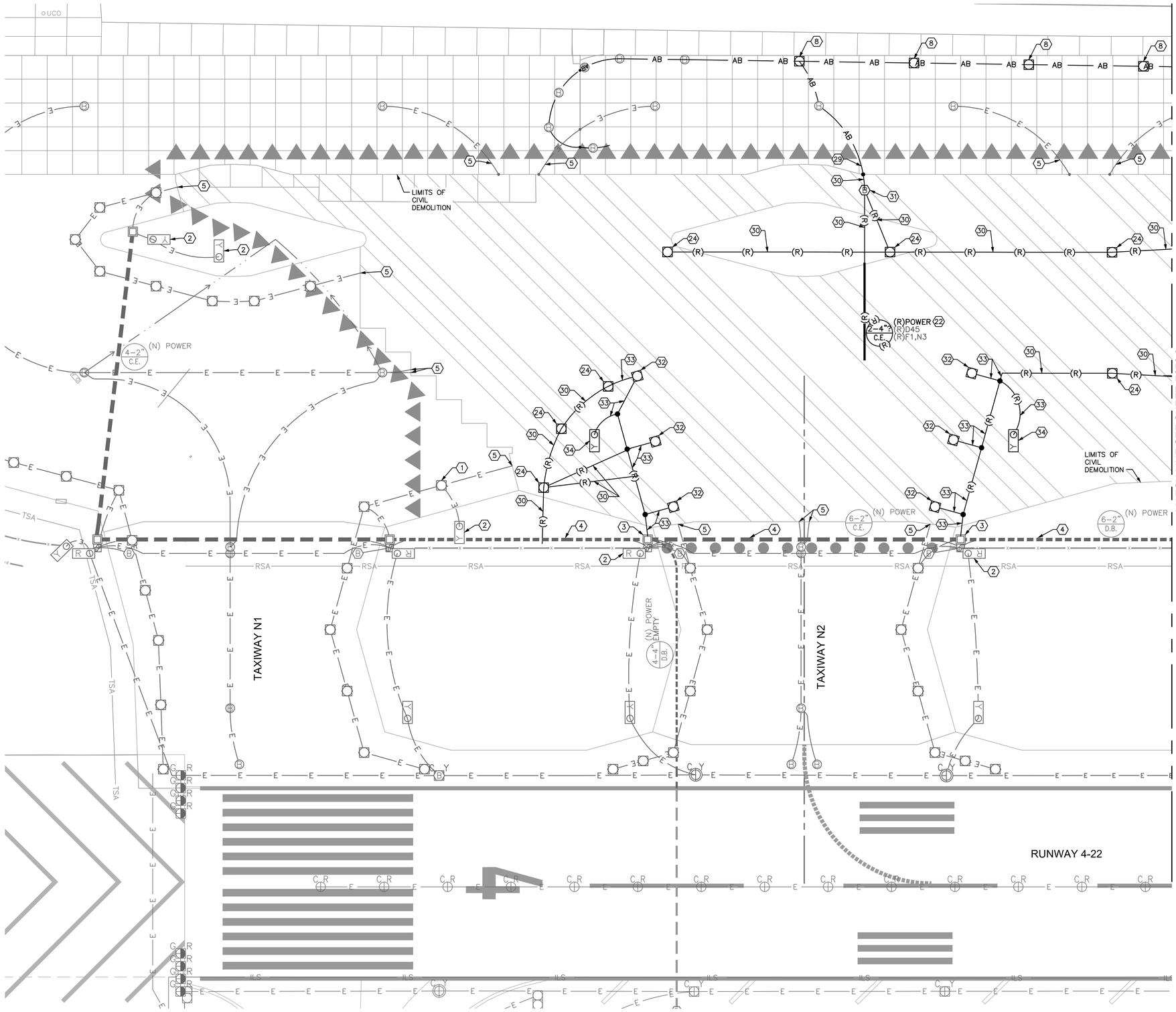
SHEET TITLE:

PHASE 5 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E071.2

SHEET NO. 162 OF 172

K:\REN_Aviation\191628001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-407-C01.dwg May 18, 2015 Peterson, Cory

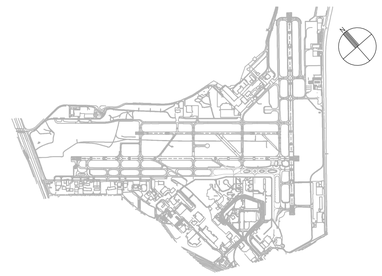


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
8. SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.
22. REMOVE EXISTING DUCT TO LIMITS OF DEMOLITION OR AS NOTED. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. SEE CIRCUIT MAPS ON E4 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
29. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. ABANDON CONDUIT IN PLACE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
31. REMOVE EXISTING BASECAN AND ASSOCIATED CONDUIT TO LIMITS OF DEMOLITION.
32. REMOVE TEMPORARY SURFACE MOUNTED TAXIWAY EDGE LIGHT.
33. REMOVE TEMPORARY SURFACE MOUNTED CONDUIT AND CABLE OR DEB CABLE AS APPLICABLE.
34. SALVAGE TEMPORARY SIGN FOR REINSTALLATION AT PERMANENT LOCATION.

GENERAL NOTES

1. SEE DRAWING E071.1 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 SERIES DRAWINGS DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

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PHASE 5 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E076.1

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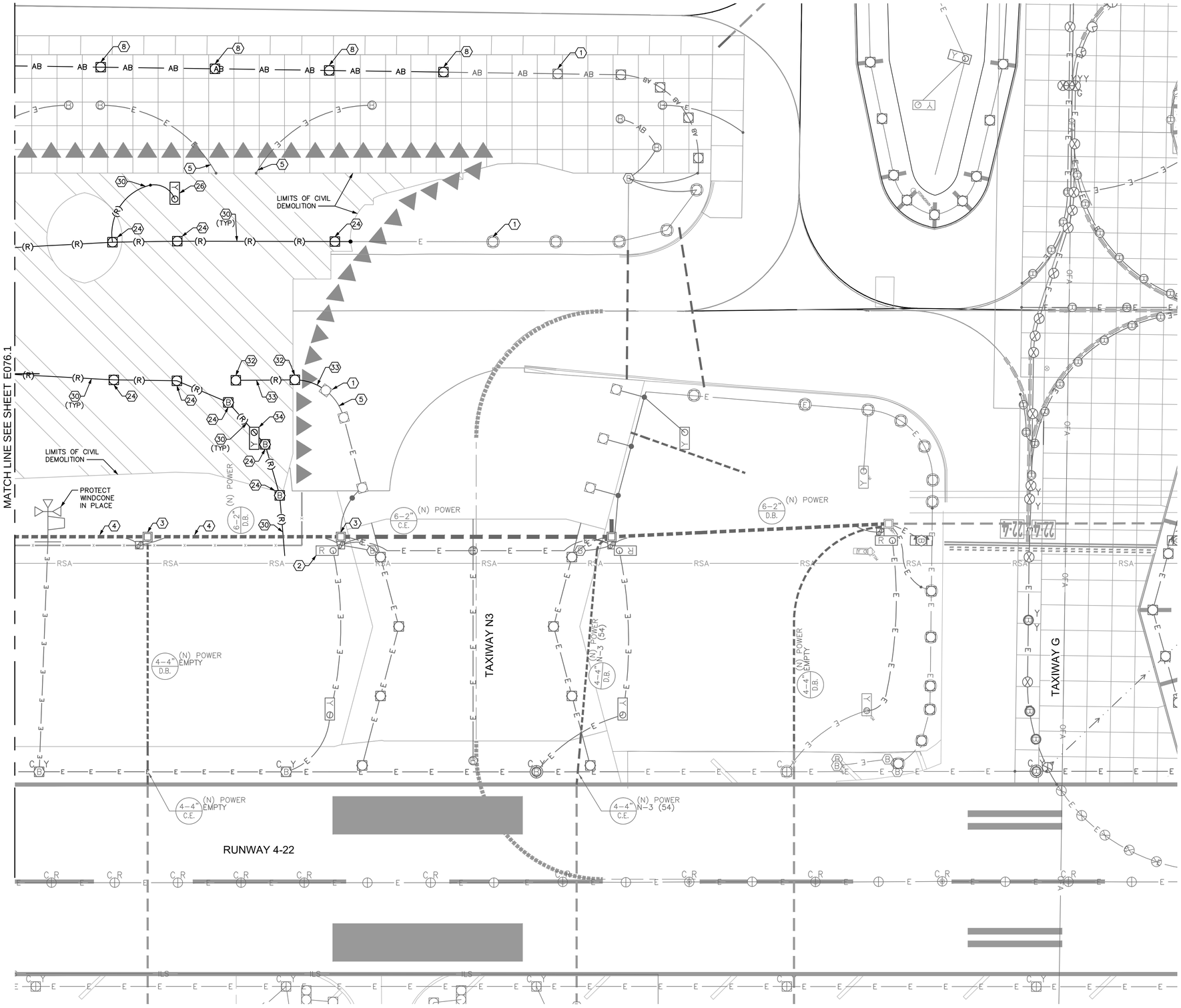
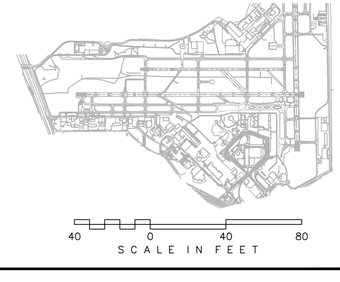


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
8. SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
26. REMOVE EXISTING SIGN, FOUNDATION AND ISOLATION TRANSFORMER FROM SITE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
32. REMOVE TEMPORARY SURFACE MOUNTED TAXIWAY EDGE LIGHT.
33. REMOVE TEMPORARY SURFACE MOUNTED CONDUIT AND CABLE OR DEB CABLE AS APPLICABLE.
34. SALVAGE TEMPORARY SIGN FOR REINSTALLATION AT PERMANENT LOCATION.

GENERAL NOTES

1. SEE DRAWING E071.2 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 SERIES DRAWINGS DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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LICENSED PROFESSIONAL ENGINEER

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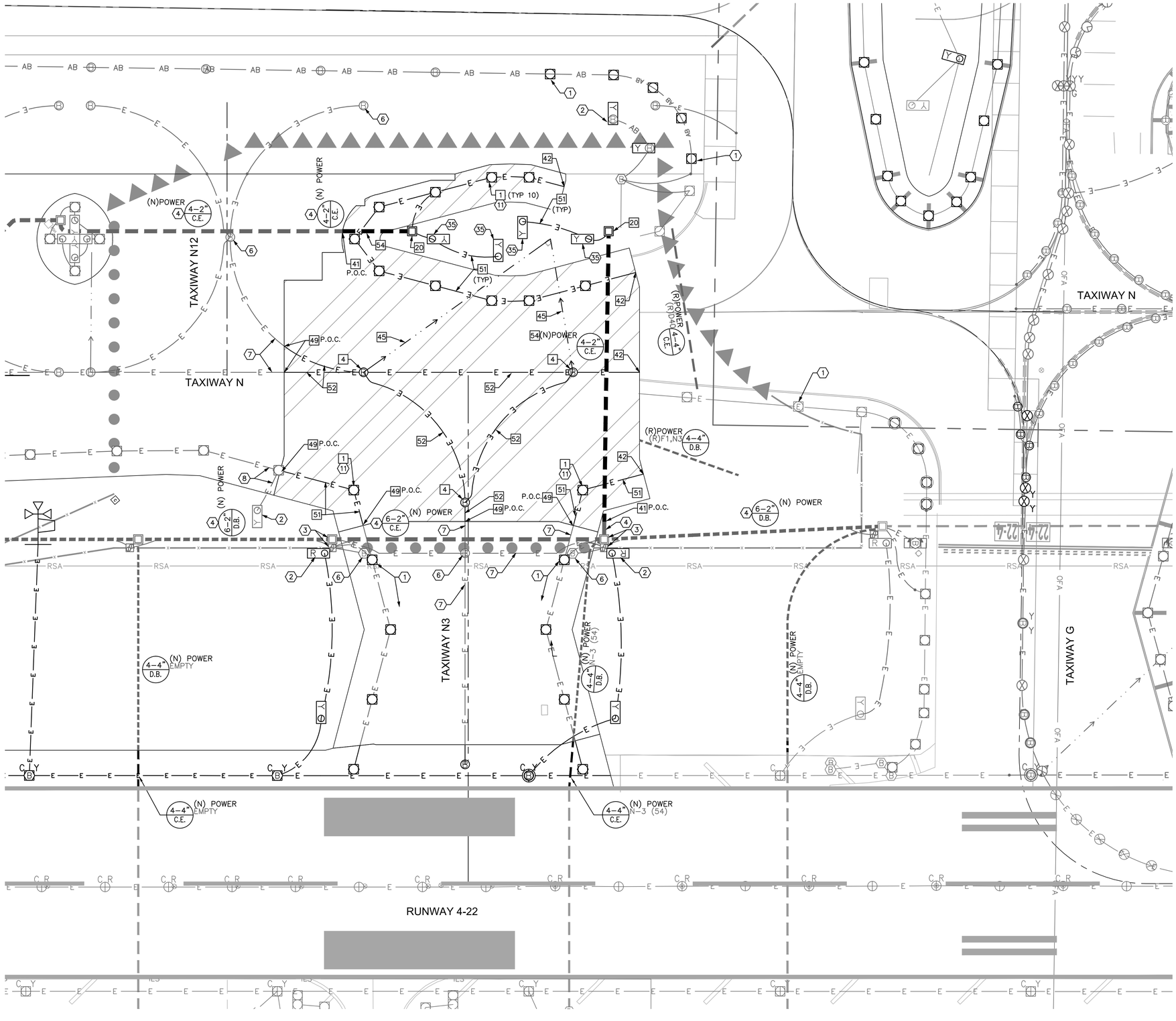
PHASE 5 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E076.2

SHEET NO. 164 OF 172

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1ED-407-C01.dwg May 18, 2015 Peterson, Cary



ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
8. EXISTING CONDUIT & CABLE, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

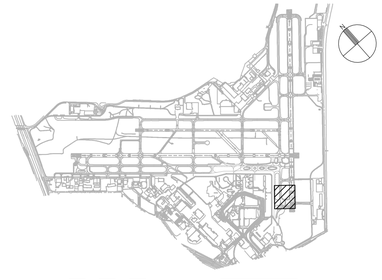
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L-115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
41. CONNECT NEW DUCT TO EXISTING DUCT AS SHOWN. INSTALL NEW CONDUCTORS. SEE CIRCUIT MAPS, E4 SERIES DRAWINGS.
42. STUB AND CAP 1-2"C FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
45. INSTALL 2"C (ITEM L-110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
54. (N) DUCT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

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LICENSED PROFESSIONAL ENGINEER

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PHASE 6 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E081.1

SHEET NO. 165 OF 172

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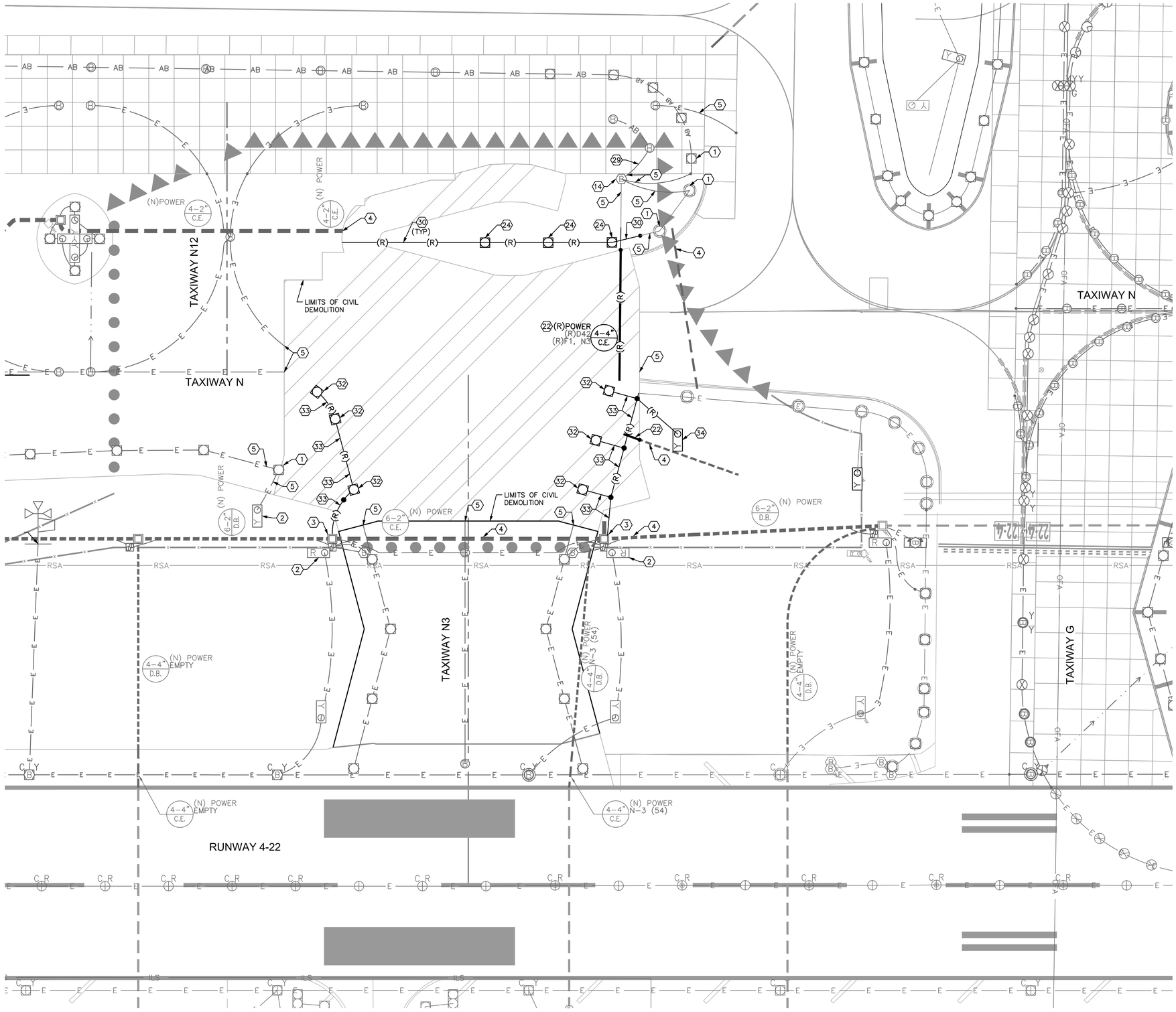
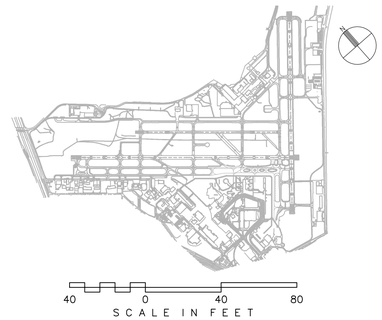


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
14. EXISTING BASECAN, PROTECT IN PLACE.
22. REMOVE EXISTING DUCT TO LIMITS OF DEMOLITION OR AS NOTED. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. SEE CIRCUIT MAPS ON E4 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
29. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. ABANDON CONDUIT IN PLACE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
32. REMOVE TEMPORARY SURFACE MOUNTED TAXIWAY EDGE LIGHT.
33. REMOVE TEMPORARY SURFACE MOUNTED CONDUIT AND CABLE OR DEB CABLE AS APPLICABLE.
34. SALVAGE TEMPORARY SIGN FOR REINSTALLATION AT PERMANENT LOCATION.

GENERAL NOTES

1. SEE DRAWING E081.1 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 DRAWING SERIES DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS F4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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PHASE 6 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E086.1

SHEET NO. 166 OF 172

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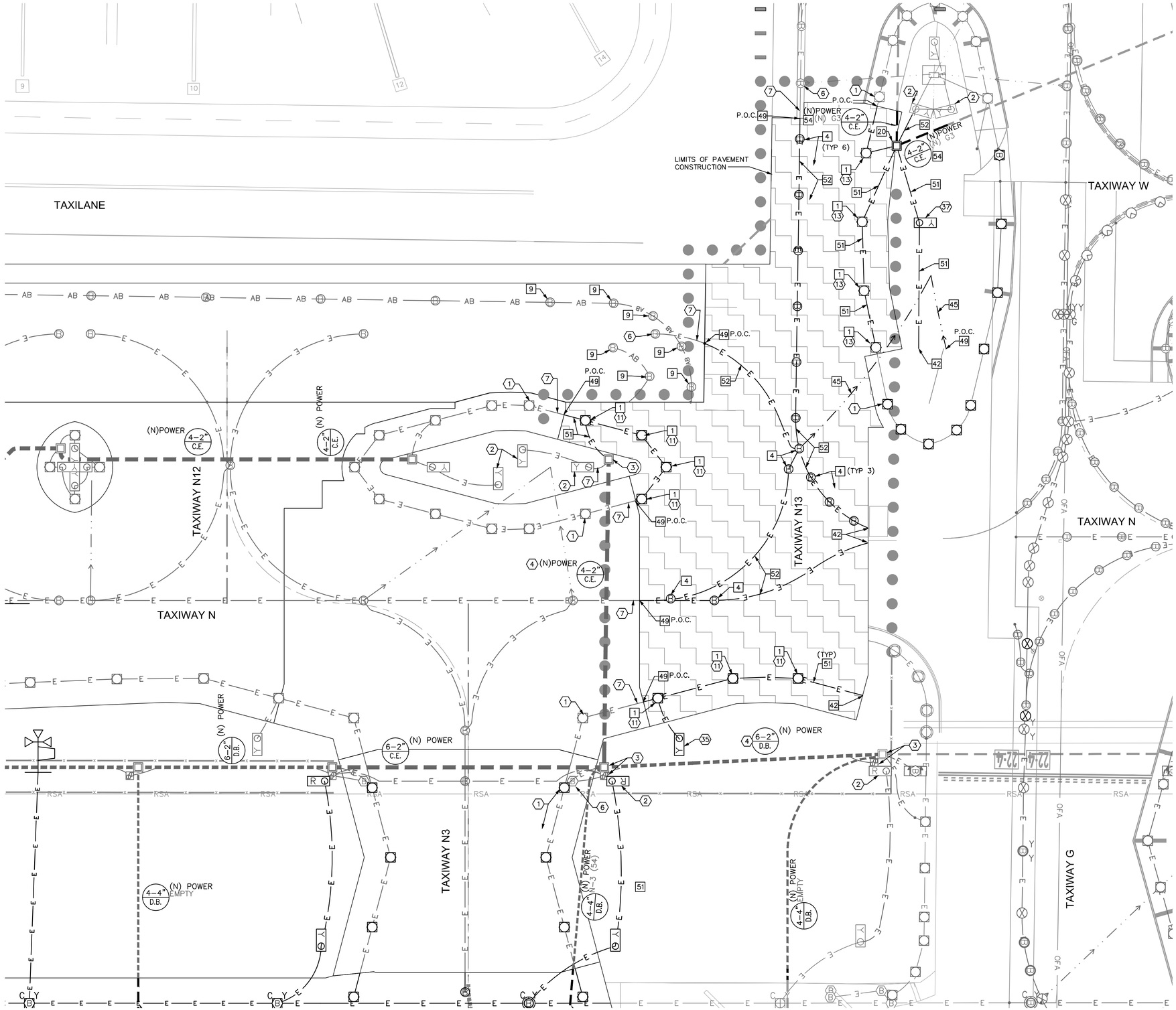


ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
8. EXISTING CONDUIT & CABLE, PROTECT IN PLACE.
11. INSTALL NEW L–861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
13. REINSTALL EXISTING L–861T(L) TAXIWAY EDGE LIGHT WITH NEW ISOLATION TRANSFORMER.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.
37. RELOCATE AND REINSTALL SIGN WITH NEW ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

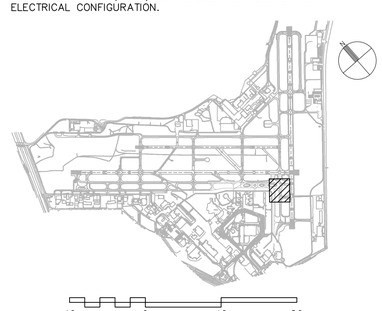
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L–867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L–868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L–868 TO L–867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
9. NEW 3/4" BLANK COVER ON EXISTING L–868 BASE CAN.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L–115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
42. STUB AND CAP 1–2"C FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
45. INSTALL 2"C (ITEM L–110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L–110) W/ (N) CABLES (ITEM L–108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L–110) W/ (N) CABLES (ITEM L–108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
54. (N) DUCT, CONCRETE ENCASED (ITEM L–110) W/ (N) CABLES (ITEM L–108) BETWEEN U.G. ELECTRICAL STRUTURES. SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



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PHASE 7 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E091.1

SHEET NO. 167 OF 172

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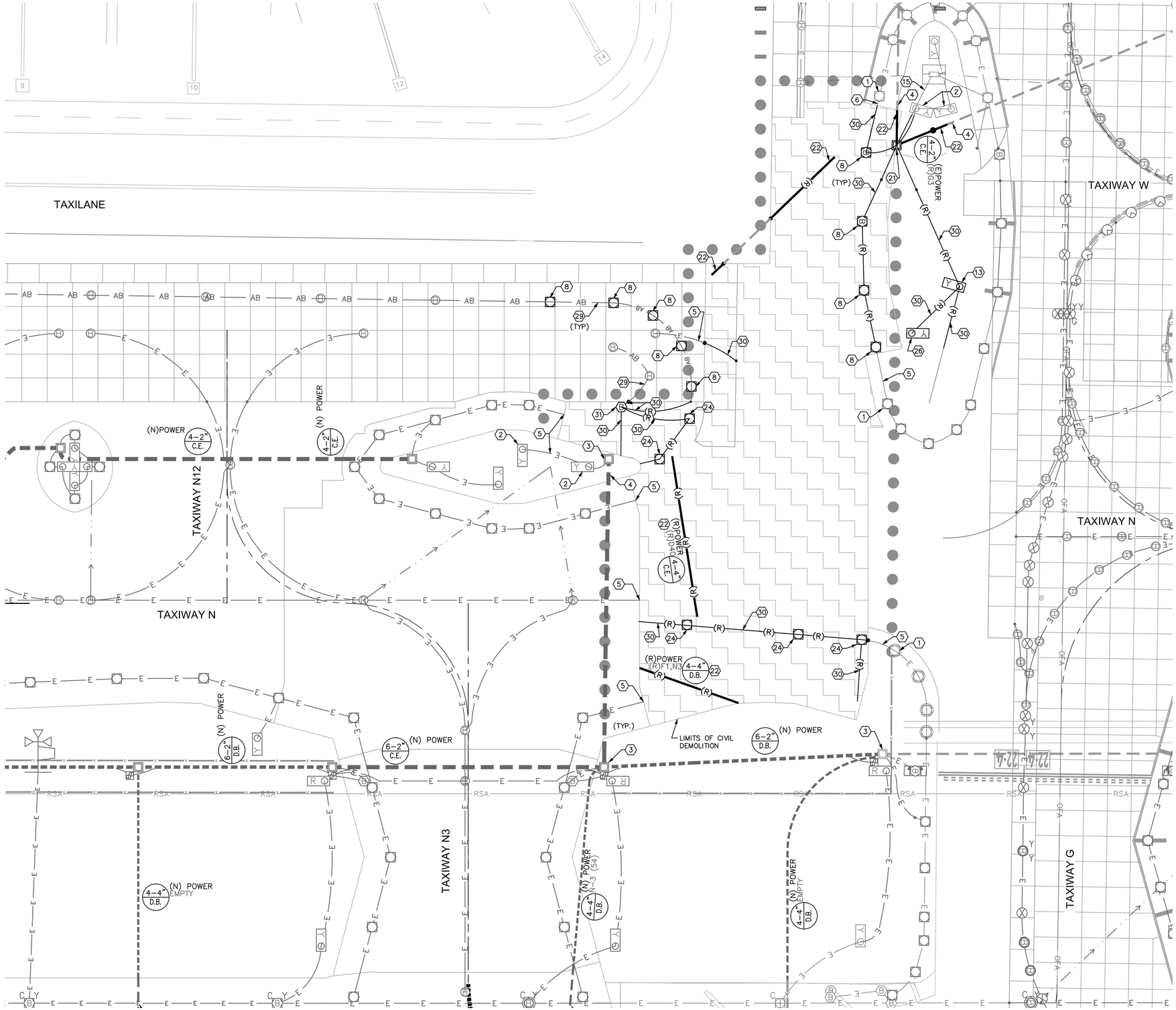
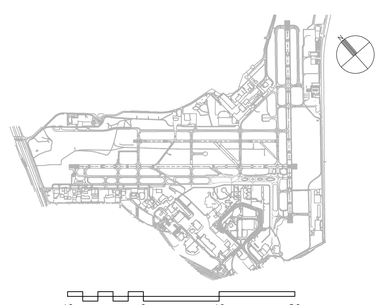


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
6. PROTECT EXISTING CONDUIT TO REMAIN OUTSIDE OF AREA OF CIVIL DEMOLITION FOR RECONNECTION TO NEW CONDUIT. PULL CONDUCTORS BACK TO ADJACENT BASE CAN TO REMAIN.
8. SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.
13. SALVAGE EXISTING SIGN FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. REMOVE THE FOUNDATION FROM SITE.
15. REMOVE EXISTING 2"CONDUIT TO DRAIN STRUCTURES WITHIN EXTENTS OF CIVIL DEMOLITION OR AS SHOWN.
21. REMOVE EXISTING HANDHOLE.
22. REMOVE EXISTING DUCT TO LIMITS OF DEMOLITION OR AS NOTED. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. SEE CIRCUIT MAPS ON E4 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
26. REMOVE EXISTING SIGN, FOUNDATION AND ISOLATION TRANSFORMER FROM SITE.
29. REMOVE EXISTING CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED. ABANDON CONDUIT IN PLACE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
31. REMOVE EXISTING BASECAN AND ASSOCIATED CONDUIT TO LIMITS OF DEMOLITION.

GENERAL NOTES

1. SEE DRAWING E091.1 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 DRAWING SERIES & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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PHASE 7 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E096.1

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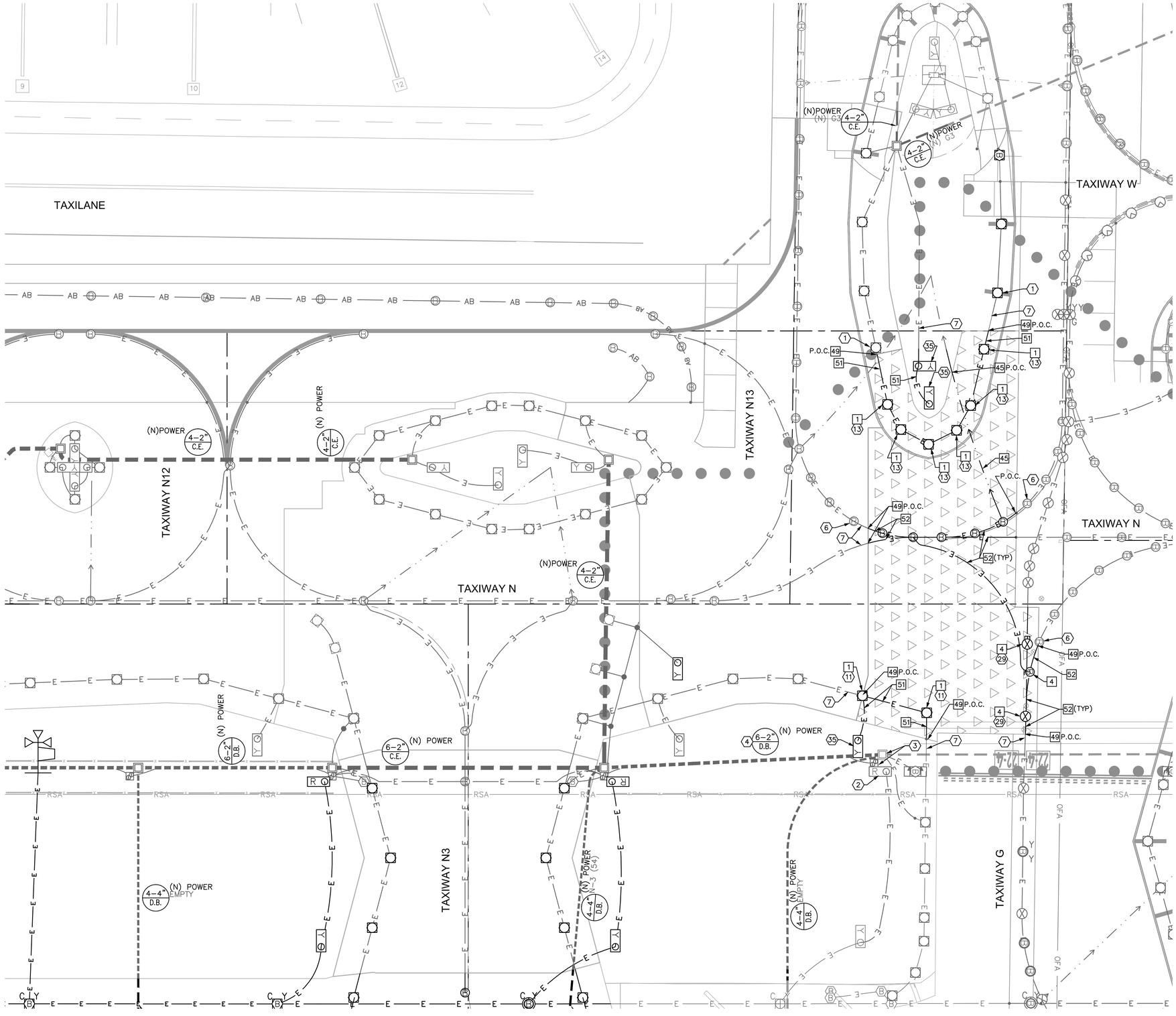

ELECTRICAL CONSTRUCTION NOTES

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2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE, JUNCTION CAN PLAZA OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
13. REINSTALL EXISTING L-861T(L) TAXIWAY EDGE LIGHT WITH NEW ISOLATION TRANSFORMER.
29. REINSTALL EXISTING L-852A TAXIWAY CENTERLINE LIGHT WITH NEW ISOLATION TRANSFORMER.
35. NEW SIGN AND ISOLATION TRANSFORMER ON NEW CONCRETE FOUNDATION.

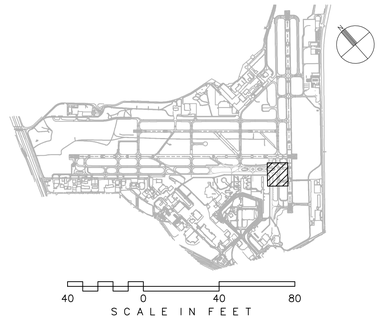
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
45. INSTALL 2"C (ITEM L-110) TO DRAIN STRUCTURES. COMBINE DRAIN CONDUITS FROM SEPARATE SYSTEMS INTO COMMON TRENCH WHEN POSSIBLE. SEE DETAILS ON E3.10.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L-110) W/ (N) CABLES (ITEM L-108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



CITY OF SAN ANTONIO AVIATION DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
601 NW LOOP 410, SUITE 350
SAN ANTONIO, TEXAS 78216
PHONE: (210) 541-9166
TEXAS REGISTERED FIRM, NO. 928

TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION
1	06/08/15	NEW DRAWING
ISSUE:		----

PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-410-C01
DRAWN BY:	CMP
CHECKED BY:	ECL
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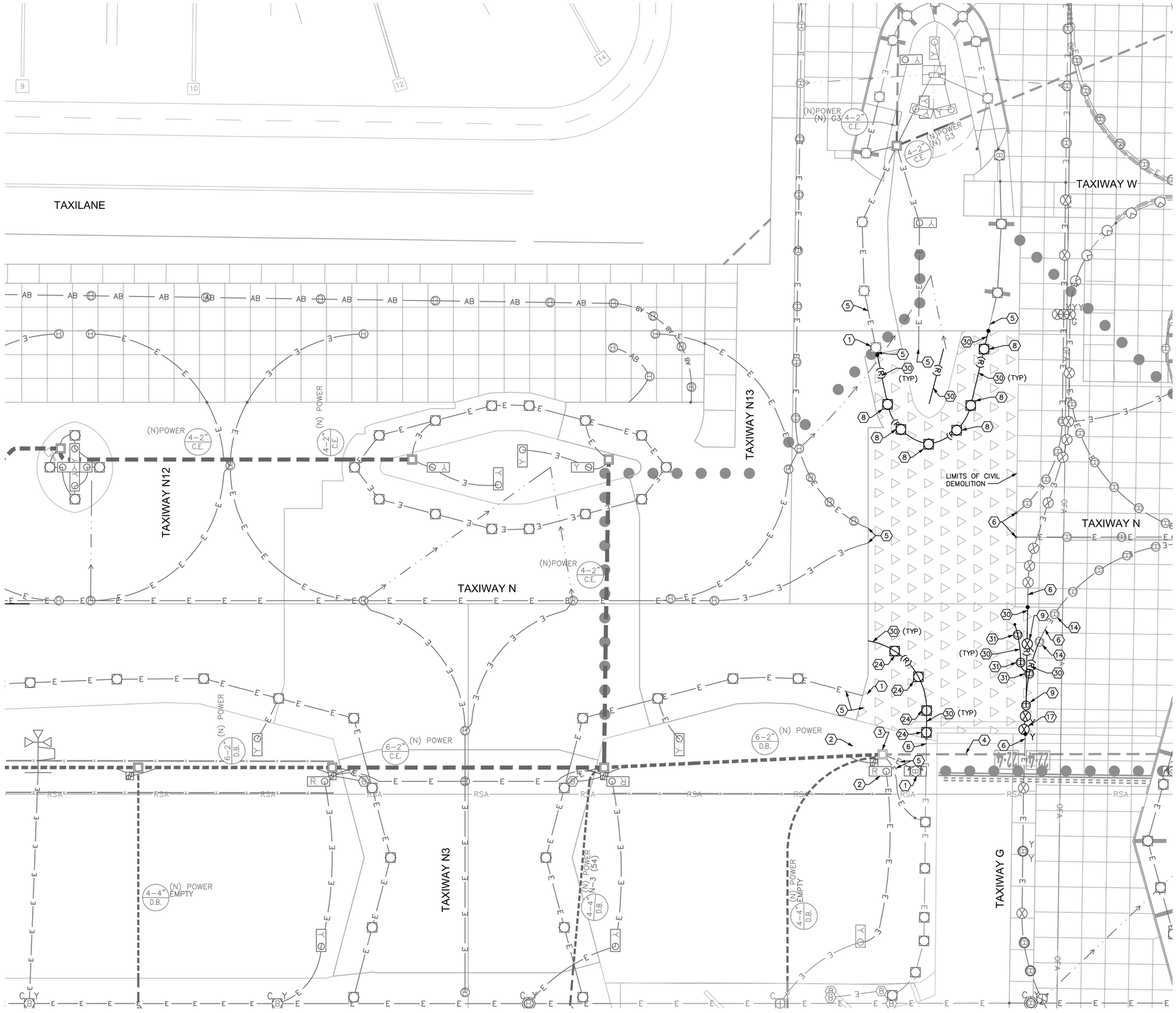
SHEET TITLE:

PHASE 8 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E101.1

SHEET NO. 169 OF 172

K:\REN_Aviation\191928001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-410-C01.dwg May 18, 2015 Peterson, Cory

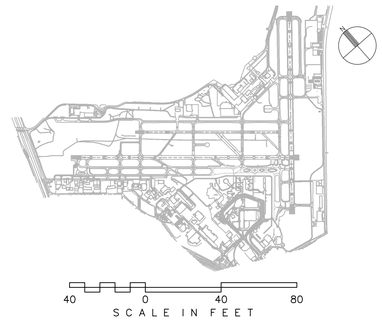


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
3. EXISTING HANDHOLE OR PULLBOX, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
5. EXISTING CONDUIT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
6. PROTECT EXISTING CONDUIT TO REMAIN OUTSIDE OF AREA OF CIVIL DEMOLITION FOR RECONNECTION TO NEW CONDUIT. PULL CONDUCTORS BACK TO ADJACENT BASE CAN TO REMAIN.
8. SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.
9. SALVAGE EXISTING TAXIWAY CENTERLINE LIGHT FOR REINSTALLATION. SALVAGE ISOLATION TRANSFORMER TO THE OWNER.
14. EXISTING BASECAN, PROTECT IN PLACE.
17. SALVAGE EXISTING IN-PAVEMENT TAXIWAY CENTERLINE LIGHT AND ISOLATION TRANSFORMER TO THE OWNER. REMOVE THE FOUNDATION FROM SITE.
24. REMOVE EXISTING ELEVATED LIGHT FIXTURE, BASECAN AND ISOLATION TRANSFORMER FROM SITE.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.
31. REMOVE EXISTING BASECAN AND ASSOCIATED CONDUIT TO LIMITS OF DEMOLITION.

GENERAL NOTES

1. SEE DRAWING E101.1 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 SERIES DRAWINGS & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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STATE OF TEXAS
ERIC C. LOVEJOY
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PHASE 8 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E106.1

SHEET NO. 170 OF 172

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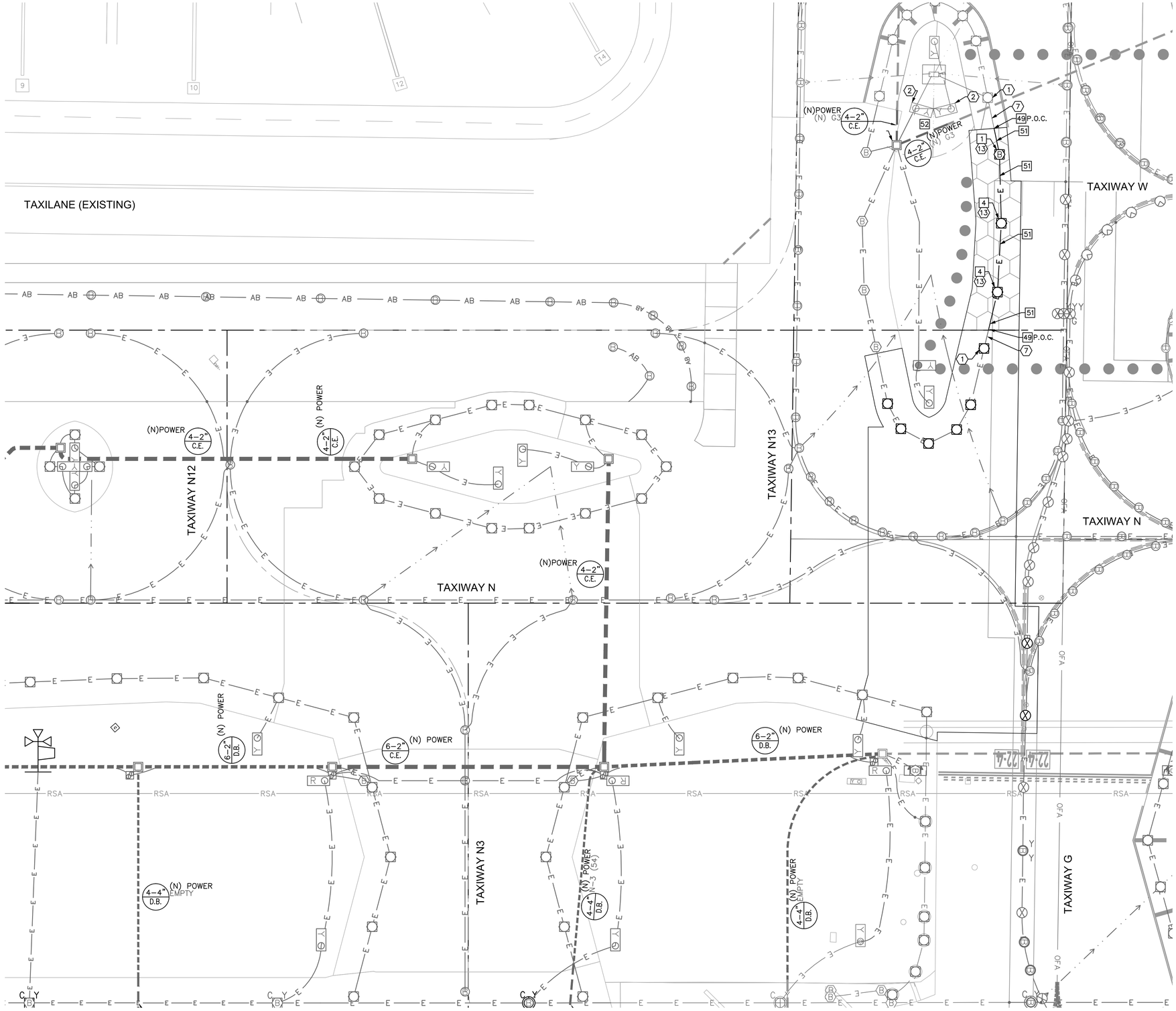


ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
2. EXISTING SIGN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
13. REINSTALL EXISTING L–861T(L) TAXIWAY EDGE LIGHT WITH NEW ISOLATION TRANSFORMER.

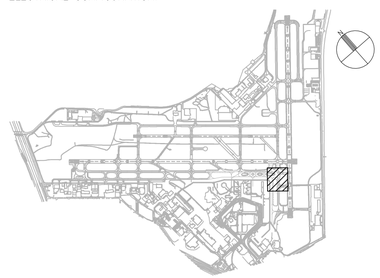
BASE CAN, FOUNDATION & CONDUIT NOTES

1. NEW L–867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L–868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L–868 TO L–867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
49. CONNECT NEW 2" EMPTY CONDUIT TO EXISTING EMPTY 2" CONDUIT.
51. (N) 2" CONDUIT, DIRECT BURIAL (ITEM L–110) W/ (N) CABLES (ITEM L–108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.
52. (N) 2" CONDUIT, CONCRETE ENCASED (ITEM L–110) W/ (N) CABLES (ITEM L–108). SEE E4 SERIES DRAWINGS FOR CIRCUITS.

ELECTRICAL CONSTRUCTION PHASING NOTES

GENERAL NOTES

1. SEE DRAWING E032.1 & E032.3 DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
2. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.
3. SEE DRAWING E036.2 FOR ELECTRICAL DEMOLITION PLAN.
4. SEE DRAWING E003.6 FOR DUCT CONFIGURATIONS AND INSTALLATION DETAILS.
5. SEE DRAWINGS E1.2, E1.3, E1.4 & E1.5 FOR "END STATE" ELECTRICAL CONFIGURATION.



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PHASE 9 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E111.1

SHEET NO. 171 OF 172

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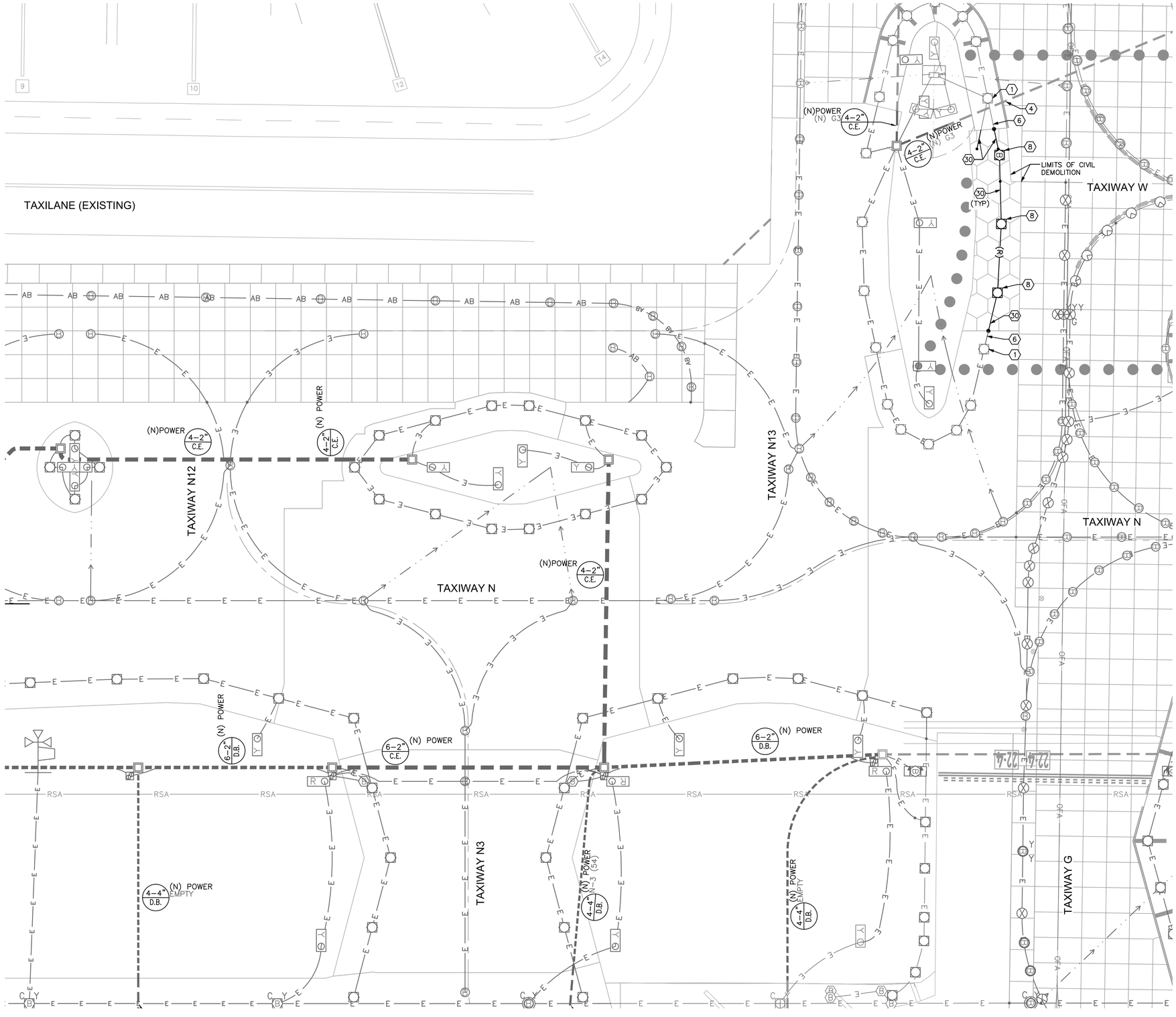
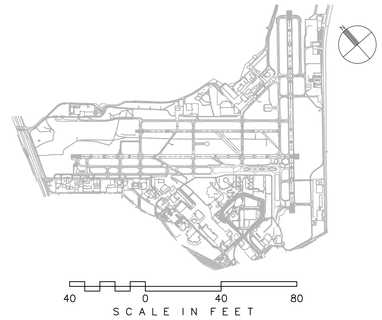


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, PROTECT IN PLACE.
4. EXISTING DUCT, PROTECT IN PLACE. REMOVE CONDUCTOR(S) AS NOTED.
6. PROTECT EXISTING CONDUIT TO REMAIN OUTSIDE OF AREA OF CIVIL DEMOLITION FOR RECONNECTION TO NEW CONDUIT. PULL CONDUCTORS BACK TO ADJACENT BASE CAN TO REMAIN.
8. SALVAGE EXISTING TAXIWAY EDGE LIGHT FOR REINSTALLATION. SALVAGE EXISTING ISOLATION TRANSFORMER TO THE OWNER. SEE E1 SERIES DRAWINGS FOR REINSTALLATION OF EDGE LIGHT.
30. REMOVE EXISTING CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR AS NOTED.

GENERAL NOTES

1. SEE DRAWING E111.1 FOR ELECTRICAL LAYOUT PLAN.
2. SEE E2 SERIES DRAWINGS & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE CIRCUIT MAPS E4 SERIES DRAWINGS FOR NEW OR TEMPORARY CIRCUITS AND FIXTURES.
4. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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PHASE 9 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E116.1

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