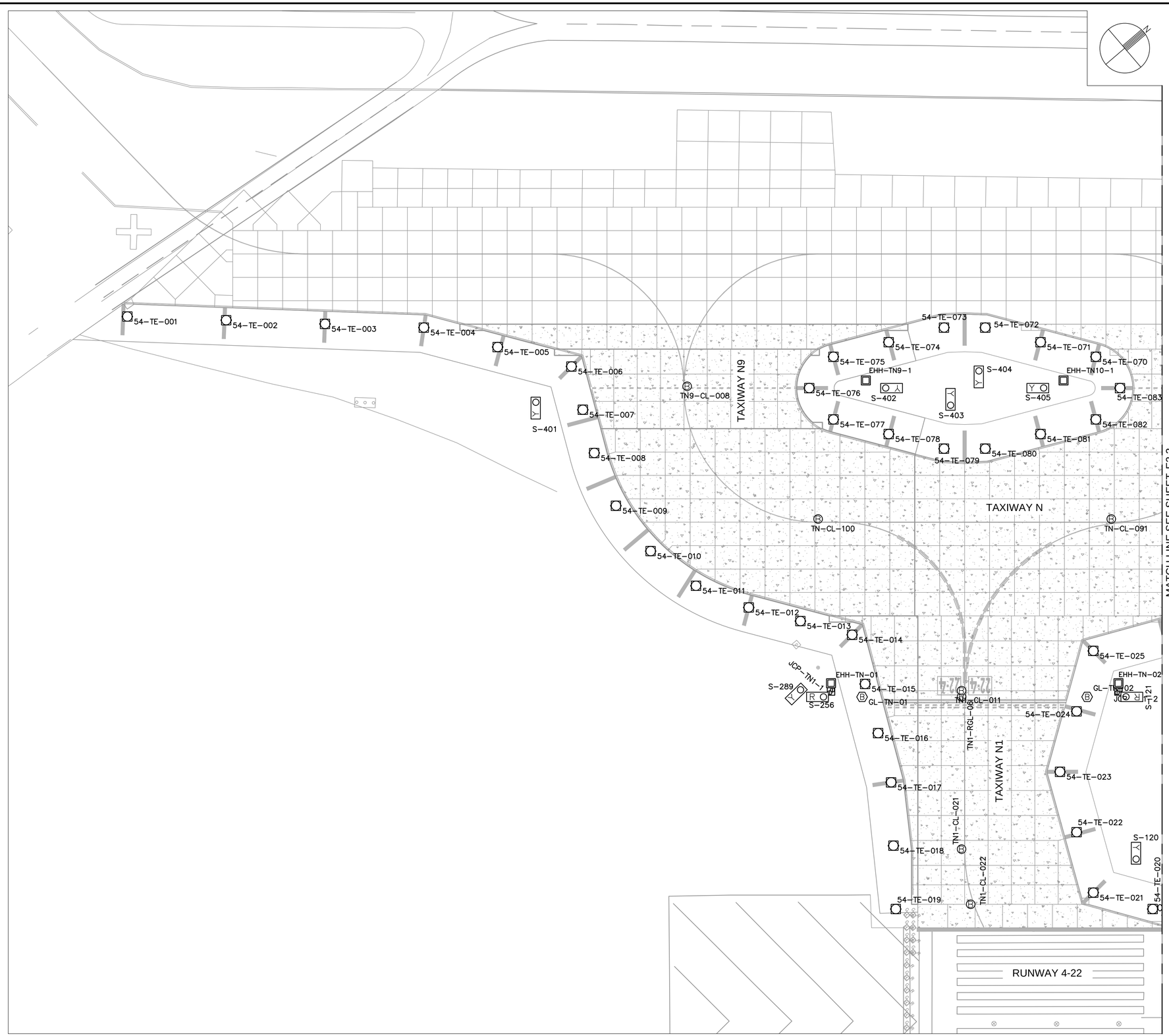
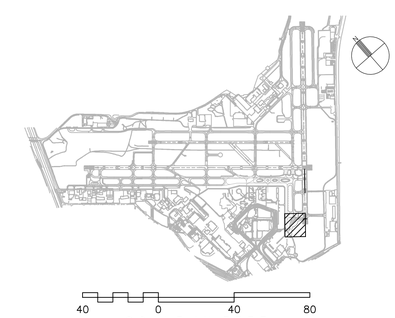


GENERAL NOTES

1. SEE DATA TABLES ON DRAWING E2.1A FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS. ALL ELEMENTS ON THIS DRAWING ARE LOCATED PER "Taxiway N" ALIGNMENT.
2. SEE EXX1 DRAWINGS FOR NEW ELECTRICAL SYSTEM LAYOUT PLANS.
3. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.
4. SEE E6 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION PLANS.



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	RE-ISSUED DRAWING

ISSUE:	---
PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-421
DRAWN BY:	CMP
CHECKED BY:	ECL
COPYRIGHT:	2015

SHEET TITLE:

ELECTRICAL
FIXTURE
LAYOUT PLAN -
ALTERNATE 1

E2.2

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-421.dwg May 18, 2015 Peterson, Cary

E2.2 L-867 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
54-TE-001	STA. 400+95.56	164.86' LT.	E3.3	L-867B FOR L-861T
54-TE-002	STA. 401+74.77	161.93' LT.	E3.3	L-867B FOR L-861T
54-TE-003	STA. 402+53.98	158.99' LT.	E3.3	L-867B FOR L-861T
54-TE-004	STA. 403+33.20	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-005	STA. 403+92.35	140.43' LT.	E3.3	L-867B FOR L-861T
54-TE-006	STA. 404+51.49	124.82' LT.	E3.3	L-867B FOR L-861T
54-TE-007	STA. 404+60.64	90.17' LT.	E3.3	L-867B FOR L-861T
54-TE-008	STA. 404+69.79	55.52' LT.	E3.3	L-867B FOR L-861T
54-TE-009	STA. 404+87.18	13.21' LT.	E3.3	L-867B FOR L-861T
54-TE-010	STA. 405+14.99	23.10' RT.	E3.3	L-867B FOR L-861T
54-TE-011	STA. 405+51.30	50.91' RT.	E3.3	L-867B FOR L-861T
54-TE-012	STA. 405+93.61	68.30' RT.	E3.3	L-867B FOR L-861T
54-TE-013	STA. 406+35.05	79.24' RT.	E3.3	L-867B FOR L-861T
54-TE-014	STA. 406+76.49	90.18' RT.	E3.3	L-867B FOR L-861T
54-TE-015	STA. 406+86.91	129.61' RT.	E3.3	L-867B FOR L-861T
54-TE-016	STA. 406+97.32	169.05' RT.	E3.3	L-867B FOR L-861T
54-TE-017	STA. 407+07.73	208.48' RT.	E3.3	L-867B FOR L-861T
54-TE-018	STA. 407+09.61	259.24' RT.	E3.3	L-867B FOR L-861T
54-TE-019	STA. 407+11.49	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-020	STA. 409+17.41	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-021	STA. 408+69.81	296.87' RT.	E3.3	L-867B FOR L-861T
54-TE-022	STA. 408+56.45	248.43' RT.	E3.3	L-867B FOR L-861T
54-TE-023	STA. 408+43.09	200.00' RT.	E3.3	L-867B FOR L-861T
54-TE-024	STA. 408+56.45	151.57' RT.	E3.3	L-867B FOR L-861T
54-TE-025	STA. 408+69.81	103.13' RT.	E3.3	L-867B FOR L-861T
54-TE-070	STA. 408+71.87	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-071	STA. 408+27.53	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-072	STA. 407+83.20	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-073	STA. 407+50.16	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-074	STA. 407+05.82	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-075	STA. 406+61.49	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-076	STA. 406+42.12	107.50' LT.	E3.3	L-867B FOR L-861T
54-TE-077	STA. 406+61.49	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-078	STA. 407+05.82	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-079	STA. 407+50.16	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-080	STA. 407+83.20	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-081	STA. 408+27.53	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-082	STA. 408+71.87	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-083	STA. 408+91.23	107.50' LT.	E3.3	L-867B FOR L-861T
GL-TN-01	STA. 406+84.48	140.00' RT.	E3.3	L-867B FOR L-861T
GL-TN-02	STA. 408+64.84	140.00' RT.	E3.3	L-867B FOR L-861T

E2.2 L-868 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
TN1-CL-011	STA. 407+64.18	135.00' RT.	E3.4	L-868 W/ COVER
TN1-CL-021	STA. 407+64.18	262.00' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN1-CL-022	STA. 407+71.49	306.25' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN1-RGL-06	STA. 407+64.18	140.00' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN9-CL-008	STA. 405+44.19	108.96' LT.	E3.4	L-868 W/ COVER
TN-CL-091	STA. 408+84.18	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-100	STA. 406+49.18	2.50' LT.	E3.4	L-868 W/ COVER

E2.2 SIGN DATA TABLE

SIGN-NUM	STA	OFF	DETAIL	CIRCUIT	MODULES	SIZE
S-401	STA. 404+22.86	96.18' LT.	E3.1		RT858Y2M	MODE 2
S-402	STA. 407+03.38	107.50' LT.	E3.1		RT858Y3M	MODE 2
S-403	STA. 407+55.34	93.78' LT.	E3.1		RT858Y2M	MODE 2
S-404	STA. 407+78.02	121.22' LT.	E3.1		RT858Y2M	MODE 2
S-405	STA. 408+29.97	107.50' LT.	E3.1		RT858Y1M	MODE 2

E2.2 HANDHOLE DATA TABLE

HH-NUM	STA	OFF	DETAIL
EHH-TN-01	STA. 406+59.57	129.00' RT.	E3.8
EHH-TN-02	STA. 408+89.98	129.00' RT.	E3.8
EHH-TN10-1	STA. 408+45.91	113.64' LT.	E3.7
EHH-TN9-1	STA. 406+87.45	113.64' LT.	E3.7

CIRCUIT DESIGNATION SCHEDULE

CIRCUIT NAME	FIELD CIRUIT NUMBER	ALCS NUMBER	REMARKS
WEST VAULT:			
12R-30L EDGE	31	16	MODIFIED CIRCUIT
12R CENTERLINE	30	15	MODIFIED CIRCUIT
30L CENTERLINE	32	17	MODIFIED CIRCUIT
12R TDZ	33	18	MODIFIED CIRCUIT
12L-30R EDGE	35	19	EXISTING CIRCUIT
ALPHA	11	2	EXISTING CIRCUIT
BRAVO	12	1	EXISTING CIRCUIT
G-1	2	12	EXISTING CIRCUIT
G-2	4	7	EXISTING CIRCUIT
G-3	6	8	MODIFIED CIRCUIT
G CENTERLINE WEST	16	13	MODIFIED CIRCUIT
G CENTERLINE EAST	15	14	EXISTING CIRCUIT
G-3 CENTERLINE TO LAHSO	N/A	6	EXISTING CIRCUIT
LAHSO STOP BAR	N/A	27	EXISTING CIRCUIT
H-1 WEST	13	11	EXISTING CIRCUIT
H-2 EAST	14	9	EXISTING CIRCUIT
JULIET	9	3	EXISTING CIRCUIT
LIMA ON 24/7	10	5	EXISTING CIRCUIT
MIKE	7	4	EXISTING CIRCUIT
ROMEO	8	20	EXISTING CIRCUIT
SIERRA R/C	N/A	20	EXISTING CIRCUIT
EAST VAULT:			
4-22 EDGE	N/A	41	EXISTING CIRCUIT
4 CENTERLINE	N/A	43	EXISTING CIRCUIT
22 CENTERLINE	N/A	42	EXISTING CIRCUIT
DELTA	56	35	EXISTING CIRCUIT
FOXTROT	57	34	MODIFIED CIRCUIT
N-1	52	36	EXISTING CIRCUIT
N-2	53	37	EXISTING CIRCUIT
N-3	54	32	EXISTING CIRCUIT
NEW CARGO	51	31	EXISTING CIRCUIT
QUEBEC	55	33	EXISTING CIRCUIT

CITY OF
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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	RE-ISSUED DRAWING

ISSUE: ----

PROJECT NO: 33-00178 and 33-00193
FILE NAME: _33-00193-R1EE-421
DRAWN BY: CMP
CHECKED BY: ECL
COPYRIGHT: 2015

SHEET TITLE:

ELECTRICAL FIXTURE DATA TABLES - ALTERNATE 1

E2.2A

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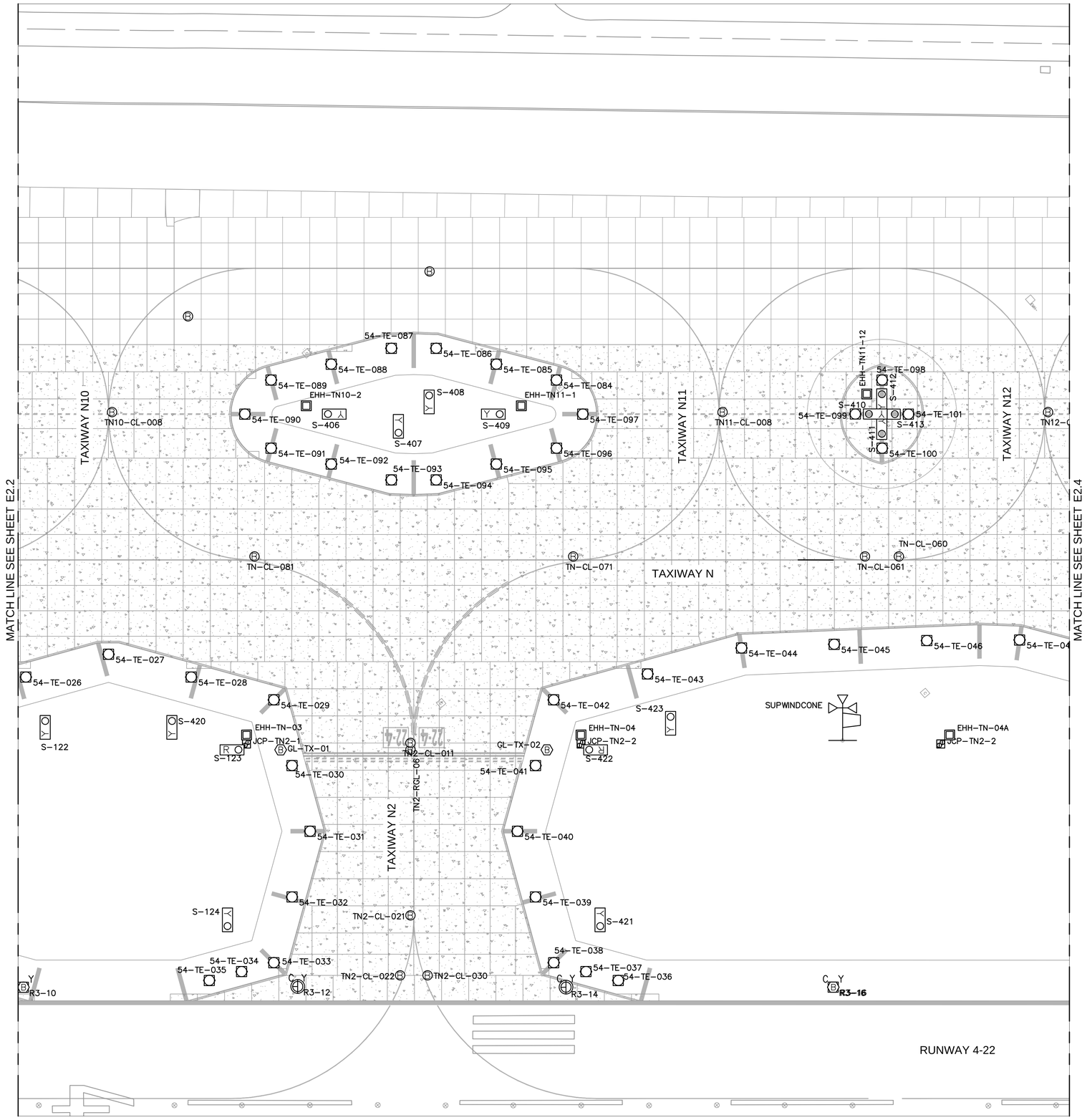
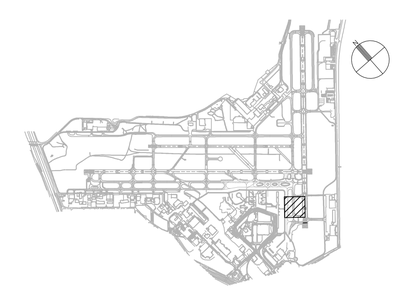


GENERAL NOTES

1. SEE DATA TABLES ON DRAWING E2.2A FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS. ALL ELEMENTS ON THIS DRAWING ARE LOCATED PER "Taxiway N" ALIGNMENT.
2. SEE EXX1 DRAWINGS FOR NEW ELECTRICAL SYSTEM LAYOUT PLANS.
3. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.
4. SEE E6 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION PLANS.



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CITY OF
SAN ANTONIO
AVIATION
DEPARTMENT

SAN ANTONIO AIRPORT SYSTEM

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
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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	RE-ISSUED DRAWING

ISSUE: ----

PROJECT NO:	33-00178 and 33-00193
FILE NAME:	_33-00193-R1EE-421
DRAWN BY:	CMP
CHECKED BY:	ECL
COPYRIGHT:	2015

SHEET TITLE:

ELECTRICAL
FIXTURE
LAYOUT PLAN -
ALTERNATE 1

E2.3

K:\REN_Aviation\191629001-SAT Rwy & Twy Improvements\05 CADD_PACKAGE 3_33-00193-R1EE-421.dwg May 18, 2015 Peterson, Cory

E2.3 L-867 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
54-TE-026	STA. 409+30.74	86.32' RT.	E3.3	L-867B FOR L-861T
54-TE-027	STA. 409+91.68	69.51' RT.	E3.3	L-867B FOR L-861T
54-TE-028	STA. 410+52.61	86.32' RT.	E3.3	L-867B FOR L-861T
54-TE-029	STA. 411+13.55	103.13' RT.	E3.3	L-867B FOR L-861T
54-TE-030	STA. 411+26.91	151.57' RT.	E3.3	L-867B FOR L-861T
54-TE-031	STA. 411+40.27	200.00' RT.	E3.3	L-867B FOR L-861T
54-TE-032	STA. 411+26.91	248.43' RT.	E3.3	L-867B FOR L-861T
54-TE-033	STA. 411+13.55	296.87' RT.	E3.3	L-867B FOR L-861T
54-TE-034	STA. 410+89.75	303.43' RT.	E3.3	L-867B FOR L-861T
54-TE-035	STA. 410+65.95	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-036	STA. 413+67.41	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-037	STA. 413+43.61	303.43' RT.	E3.3	L-867B FOR L-861T
54-TE-038	STA. 413+19.81	296.87' RT.	E3.3	L-867B FOR L-861T
54-TE-039	STA. 413+06.45	248.43' RT.	E3.3	L-867B FOR L-861T
54-TE-040	STA. 412+93.09	200.00' RT.	E3.3	L-867B FOR L-861T
54-TE-041	STA. 413+06.45	151.57' RT.	E3.3	L-867B FOR L-861T
54-TE-042	STA. 413+19.81	103.13' RT.	E3.3	L-867B FOR L-861T
54-TE-043	STA. 413+89.02	84.04' RT.	E3.3	L-867B FOR L-861T
54-TE-044	STA. 414+58.23	64.95' RT.	E3.3	L-867B FOR L-861T
54-TE-045	STA. 415+26.55	62.18' RT.	E3.3	L-867B FOR L-861T
54-TE-046	STA. 415+94.87	59.42' RT.	E3.3	L-867B FOR L-861T
54-TE-047	STA. 416+63.20	58.95' RT.	E3.3	L-867B FOR L-861T
54-TE-048	STA. 417+22.35	74.57' RT.	E3.3	L-867B FOR L-861T
54-TE-084	STA. 413+21.87	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-085	STA. 412+77.53	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-086	STA. 412+33.20	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-087	STA. 412+00.16	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-088	STA. 411+55.82	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-089	STA. 411+11.49	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-090	STA. 410+92.12	107.50' LT.	E3.3	L-867B FOR L-861T
54-TE-091	STA. 411+11.49	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-092	STA. 411+55.82	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-093	STA. 412+00.16	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-094	STA. 412+33.20	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-095	STA. 412+77.53	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-096	STA. 413+21.87	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-097	STA. 413+41.23	107.50' LT.	E3.3	L-867B FOR L-861T
54-TE-098	STA. 415+61.87	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-099	STA. 415+42.12	107.58' LT.	E3.3	L-867B FOR L-861T
54-TE-100	STA. 415+61.87	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-101	STA. 415+81.23	107.50' LT.	E3.3	L-867B FOR L-861T
GL-TX-01	STA. 411+18.53	139.99' RT.	E3.3	L-867B FOR L-861T
GL-TX-02	STA. 413+14.83	139.98' RT.	E3.3	L-867B FOR L-861T
R3-10	STA. 409+28.94	315.00' RT.	E3.3	L-867B FOR L-862
R3-16	STA. 415+25.89	314.93' RT.	E3.3	L-867B FOR L-862
R3-18	STA. 417+21.26	315.00' RT.	E3.3	L-867B FOR L-862

E2.3 L-868 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
R3-12	STA. 411+31.10	314.48' RT.	E3.4	L-868 FOR L-850C
R3-14	STA. 413+28.83	315.00' RT.	E3.4	L-868 FOR L-850C
TN10-CL-008	STA. 409+94.19	108.97' LT.	E3.4	L-868 W/ COVER
TN11-CL-008	STA. 414+44.19	108.97' LT.	E3.4	L-868 W/ COVER
TN12-CL-008	STA. 416+84.19	108.97' LT.	E3.4	L-868 W/ COVER
TN2-CL-011	STA. 412+14.18	135.00' RT.	E3.4	L-868 W/ COVER
TN2-CL-021	STA. 412+14.18	262.00' RT.	E3.4	L-868 W/ COVER
TN2-CL-022	STA. 412+06.57	306.25' RT.	E3.4	L-868 W/ COVER
TN2-CL-030	STA. 412+26.78	306.25' RT.	E3.4	L-868 W/ COVER
TN2-RGL-06	STA. 412+14.18	139.99' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN-CL-060	STA. 415+74.18	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-061	STA. 415+49.18	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-071	STA. 413+34.18	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-081	STA. 410+99.18	2.50' LT.	E3.4	L-868 W/ COVER

E2.3 SIGN DATA TABLE

SIGN-NUM	STA	OFF	DETAIL	CIRCUIT	MODULES	SIZE
S-122	STA. 409+44.97	118.70' RT.	E3.1		RT858Y3M	MODE 2
S-123	STA. 410+87.41	139.99' RT.	E3.1	4-22 EDGE	RT858R4M	MODE 2
S-124	STA. 410+79.33	270.00' RT.	E3.1		RT858Y2M	MODE 2
S-406	STA. 411+53.38	107.50' LT.	E3.1		RT858Y3M	MODE 2
S-407	STA. 412+05.34	93.78' LT.	E3.1		RT858Y3M	MODE 2
S-408	STA. 412+28.02	121.22' LT.	E3.1		RT858Y2M	MODE 2
S-409	STA. 412+79.97	107.50' LT.	E3.1		RT858Y2M	MODE 2
S-410	STA. 415+52.12	107.55' LT.	E3.2		RT858Y3M	MODE 2
S-411	STA. 415+61.68	92.94' LT.	E3.2		RT858Y3M	MODE 2
S-412	STA. 415+61.68	122.14' LT.	E3.2		RT858Y2M	MODE 2
S-413	STA. 415+71.23	107.50' LT.	E3.2		RT858Y2M	MODE 2
S-420	STA. 410+38.38	118.70' RT.	E3.1		RT858Y3M	MODE 2
S-421	STA. 413+54.02	270.00' RT.	E3.1		RT858Y2M	MODE 2
S-422	STA. 413+45.95	139.98' RT.	E3.1	4-22 EDGE	RT858R4M	MODE 2
S-423	STA. 414+05.96	115.67' RT.	E3.1		RT858Y2M	MODE 2
S-424	STA. 417+05.44	106.30' RT.	E3.1		RT858Y2M	MODE 2

E2.3 HANDHOLE DATA TABLE

HH-NUM	STA	OFF	DETAIL
EHH-TN-03	STA. 410+93.37	129.00' RT.	E3.8
EHH-TN-04	STA. 413+39.98	129.00' RT.	E3.8
EHH-TN-04A	STA. 416+11.70	129.00' RT.	E3.8
EHH-TN10-2	STA. 411+37.45	113.64' LT.	E3.7
EHH-TN11-1	STA. 412+95.91	113.64' LT.	E3.7
EHH-TN11-12	STA. 415+50.58	122.35' LT.	E3.7

CIRCUIT DESIGNATION SCHEDULE

CIRCUIT NAME	FIELD CIRUIT NUMBER	ALCS NUMBER	REMARKS
WEST VAULT:			
12R-30L EDGE	31	16	MODIFIED CIRCUIT
12R CENTERLINE	30	15	MODIFIED CIRCUIT
30L CENTERLINE	32	17	MODIFIED CIRCUIT
12R TDZ	33	18	MODIFIED CIRCUIT
12L-30R EDGE	35	19	EXISTING CIRCUIT
ALPHA	11	2	EXISTING CIRCUIT
BRAVO	12	1	EXISTING CIRCUIT
G-1	2	12	EXISTING CIRCUIT
G-2	4	7	EXISTING CIRCUIT
G-3	6	8	MODIFIED CIRCUIT
G CENTERLINE WEST	16	13	MODIFIED CIRCUIT
G CENTERLINE EAST	15	14	EXISTING CIRCUIT
G-3 CENTERLINE TO LAHSO	N/A	6	EXISTING CIRCUIT
LAHSO STOP BAR	N/A	27	EXISTING CIRCUIT
H-1 WEST	13	11	EXISTING CIRCUIT
H-2 EAST	14	9	EXISTING CIRCUIT
JULIET	9	3	EXISTING CIRCUIT
LIMA ON 24/7	10	5	EXISTING CIRCUIT
MIKE	7	4	EXISTING CIRCUIT
ROMEO	8	20	EXISTING CIRCUIT
SIERRA R/C	N/A	20	EXISTING CIRCUIT
EAST VAULT:			
4-22 EDGE	N/A	41	EXISTING CIRCUIT
4 CENTERLINE	N/A	43	EXISTING CIRCUIT
22 CENTERLINE	N/A	42	EXISTING CIRCUIT
DELTA	56	35	EXISTING CIRCUIT
FOXTROT	57	34	MODIFIED CIRCUIT
N-1	52	36	EXISTING CIRCUIT
N-2	53	37	EXISTING CIRCUIT
N-3	54	32	EXISTING CIRCUIT
NEW CARGO	51	31	EXISTING CIRCUIT
QUEBEC	55	33	EXISTING CIRCUIT

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	RE-ISSUED DRAWING

ISSUE: ----

PROJECT NO: 33-00178 and 33-00193
FILE NAME: _33-00193-R1EE-421
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ELECTRICAL FIXTURE DATA TABLES - ALTERNATE 1

E2.3A

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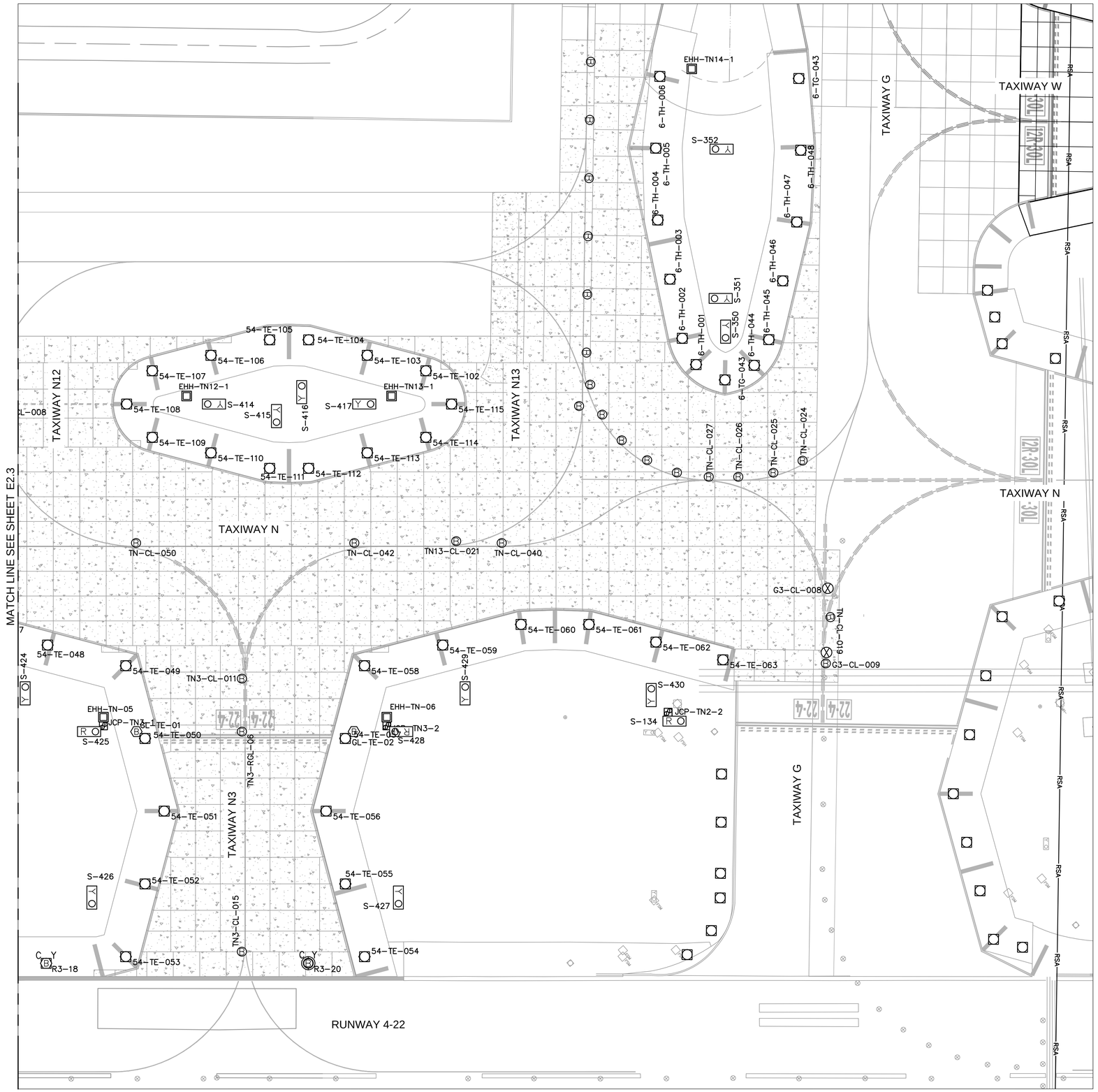
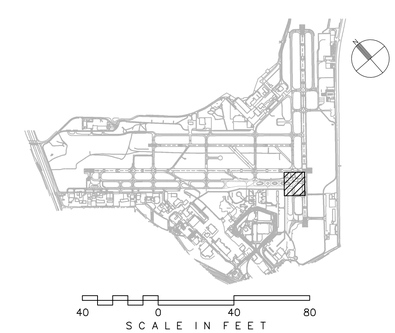


GENERAL NOTES

1. SEE DATA TABLES ON DRAWING E2.3A FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS. ALL ELEMENTS ON THIS DRAWING ARE LOCATED PER "Taxiway N" ALIGNMENT.
2. SEE EXX1 DRAWINGS FOR NEW ELECTRICAL SYSTEM LAYOUT PLANS.
3. SEE E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.
4. SEE E6 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION PLANS.



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ELECTRICAL
FIXTURE
LAYOUT PLAN -
ALTERNATE 1

E2.4

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E2.4 L-867 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
54-TE-049	STA. 417+81.49	90.18' RT.	E3.3	L-867B FOR L-861T
54-TE-050	STA. 417+95.99	145.09' RT.	E3.3	L-867B FOR L-861T
54-TE-051	STA. 418+10.49	200.00' RT.	E3.3	L-867B FOR L-861T
54-TE-052	STA. 417+95.97	255.00' RT.	E3.3	L-867B FOR L-861T
54-TE-053	STA. 417+81.45	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-054	STA. 419+61.91	310.00' RT.	E3.3	L-867B FOR L-861T
54-TE-055	STA. 419+47.39	255.00' RT.	E3.3	L-867B FOR L-861T
54-TE-056	STA. 419+32.87	200.00' RT.	E3.3	L-867B FOR L-861T
54-TE-057	STA. 419+47.36	145.09' RT.	E3.3	L-867B FOR L-861T
54-TE-058	STA. 419+61.86	90.18' RT.	E3.3	L-867B FOR L-861T
54-TE-059	STA. 420+21.01	74.57' RT.	E3.3	L-867B FOR L-861T
54-TE-060	STA. 420+80.16	58.95' RT.	E3.3	L-867B FOR L-861T
54-TE-061	STA. 421+31.52	58.95' RT.	E3.3	L-867B FOR L-861T
54-TE-062	STA. 421+82.18	72.33' RT.	E3.3	L-867B FOR L-861T
54-TE-063	STA. 422+32.83	85.70' RT.	E3.3	L-867B FOR L-861T
54-TE-102	STA. 420+08.30	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-103	STA. 419+63.96	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-104	STA. 419+19.63	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-105	STA. 418+90.16	156.05' LT.	E3.3	L-867B FOR L-861T
54-TE-106	STA. 418+45.82	144.34' LT.	E3.3	L-867B FOR L-861T
54-TE-107	STA. 418+01.49	132.64' LT.	E3.3	L-867B FOR L-861T
54-TE-108	STA. 417+82.12	107.50' LT.	E3.3	L-867B FOR L-861T
54-TE-109	STA. 418+01.49	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-110	STA. 418+45.82	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-111	STA. 418+90.16	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-112	STA. 419+19.63	58.95' LT.	E3.3	L-867B FOR L-861T
54-TE-113	STA. 419+63.96	70.66' LT.	E3.3	L-867B FOR L-861T
54-TE-114	STA. 420+08.30	82.36' LT.	E3.3	L-867B FOR L-861T
54-TE-115	STA. 420+27.66	107.50' LT.	E3.3	L-867B FOR L-861T
6-TG-043	STA. 422+34.32	125.77' LT.	E3.XX	L-867B FOR L-861T
6-TG-043	STA. 422+90.19	353.48' LT.	E3.XX	L-867B FOR L-861T
6-TH-001	STA. 422+12.51	137.38' LT.	E3.XX	L-867B FOR L-861T
6-TH-002	STA. 422+02.03	157.14' LT.	E3.XX	L-867B FOR L-861T
6-TH-003	STA. 421+92.78	201.85' LT.	E3.XX	L-867B FOR L-861T
6-TH-004	STA. 421+83.53	246.55' LT.	E3.XX	L-867B FOR L-861T
6-TH-005	STA. 421+82.06	300.82' LT.	E3.XX	L-867B FOR L-861T
6-TH-006	STA. 421+85.11	355.01' LT.	E3.XX	L-867B FOR L-861T
6-TH-044	STA. 422+56.46	136.74' LT.	E3.XX	L-867B FOR L-861T
6-TH-045	STA. 422+67.50	156.19' LT.	E3.XX	L-867B FOR L-861T
6-TH-046	STA. 422+78.06	200.61' LT.	E3.XX	L-867B FOR L-861T
6-TH-047	STA. 422+88.61	245.03' LT.	E3.XX	L-867B FOR L-861T
6-TH-048	STA. 422+91.66	299.22' LT.	E3.XX	L-867B FOR L-861T
GL-TE-01	STA. 417+89.47	139.97' RT.	E3.3	L-867B FOR L-861T
GL-TE-02	STA. 419+53.89	139.96' RT.	E3.3	L-867B FOR L-861T

E2.4 L-868 DATA TABLE

FIXT-NUM	STA	OFF	DETAIL	FAA-TYPE
G3-CL-008	STA. 423+12.04	31.65' RT.	E3.4	L-868 FOR L-852A
G3-CL-009	STA. 423+10.57	88.51' RT.	E3.4	L-868 FOR L-852A
R3-20	STA. 419+19.34	315.00' RT.	E3.4	L-868 FOR L-850C
TH-CL-01	STA. 421+29.61	146.35' LT.	E3.3	L-868
TH-CL-02	STA. 421+30.25	190.29' LT.	E3.3	L-868
TH-CL-03	STA. 421+30.89	234.24' LT.	E3.3	L-868
TH-CL-04	STA. 421+31.53	278.19' LT.	E3.3	L-868
TH-CL-05	STA. 421+32.17	322.14' LT.	E3.3	L-868
TH-CL-06	STA. 421+32.81	366.09' LT.	E3.3	L-868
TN13-CL-010	STA. 421+32.47	122.14' LT.	E3.3	L-868
TN13-CL-011	STA. 421+24.02	105.97' LT.	E3.3	L-868
TN13-CL-021	STA. 420+31.16	3.89' LT.	E3.4	L-868 W/ COVER
TN13-CL-022	STA. 421+41.55	99.53' LT.	E3.3	L-868
TN13-CL-023	STA. 421+56.22	80.07' LT.	E3.3	L-868
TN13-CL-024	STA. 421+75.46	65.12' LT.	E3.3	L-868
TN13-CL-025	STA. 421+97.94	55.71' LT.	E3.3	L-868
TN3-CL-011	STA. 418+69.18	100.00' RT.	E3.4	L-868 W/ COVER
TN3-CL-015	STA. 418+69.18	306.23' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN3-RGL-06	STA. 418+69.18	139.97' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN-CL-019	STA. 423+14.06	53.52' RT.	E3.5 ECCENTRIC CORE	L-868 W/ COVER
TN-CL-024	STA. 422+92.96	64.67' LT.	E3.4	L-868 W/ COVER
TN-CL-025	STA. 422+70.82	55.59' LT.	E3.4	L-868 W/ COVER
TN-CL-026	STA. 422+44.37	52.50' LT.	E3.4	L-868 W/ COVER
TN-CL-027	STA. 422+22.10	52.50' LT.	E3.4	L-868 W/ COVER
TN-CL-040	STA. 420+65.57	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-042	STA. 419+54.18	2.50' LT.	E3.4	L-868 W/ COVER
TN-CL-050	STA. 417+89.18	2.50' LT.	E3.4	L-868 W/ COVER

E2.4 SIGN DATA TABLE

SIGN-NUM	STA	OFF	DETAIL	CIRCUIT	MODULES	SIZE
S-134	STA. 422+00.94	132.00' RT.	E3.1	4-22 EDGE	RT858R4M	MODE 2
S-350	STA. 422+34.77	157.57' LT.	E3.1		RT858Y2M	MODE 2
S-351	STA. 422+26.43	187.31' LT.	E3.1		RT858Y2M	MODE 2
S-414	STA. 418+43.38	107.50' LT.	E3.1		RT858Y3M	MODE 2
S-415	STA. 418+95.34	93.78' LT.	E3.1		RT858Y3M	MODE 2
S-416	STA. 419+14.45	121.22' LT.	E3.1		RT858Y2M	MODE 2
S-417	STA. 419+66.40	107.50' LT.	E3.1		RT858Y3M	MODE 2
S-425	STA. 417+58.44	139.97' RT.	E3.1	4-22 EDGE	RT858R4M	MODE 2
S-426	STA. 417+55.81	270.00' RT.	E3.1		RT858Y2M	MODE 2
S-427	STA. 419+87.55	270.00' RT.	E3.1		RT858Y2M	MODE 2
S-428	STA. 419+84.92	139.96' RT.	E3.1	4-22 EDGE	RT858R4M	MODE 2
S-429	STA. 420+37.92	106.30' RT.	E3.1		RT858Y2M	MODE 2
S-430	STA. 421+78.63	107.59' RT.	E3.1		RT858Y2M	MODE 2

E2.4 HANDHOLE DATA TABLE

HH-NUM	STA	OFF	DETAIL
EHH-TN-05	STA. 417+64.57	129.00' RT.	E3.8
EHH-TN-06	STA. 419+78.79	129.00' RT.	E3.8
EHH-TN12-1	STA. 418+27.45	113.64' LT.	E3.7
EHH-TN13-1	STA. 419+82.34	113.64' LT.	E3.7
EHH-TN14-1	STA. 422+09.21	360.80' LT.	E3.7

CIRCUIT DESIGNATION SCHEDULE

CIRCUIT NAME	FIELD CIRUIT NUMBER	ALCS NUMBER	REMARKS
WEST VAULT:			
12R-30L EDGE	31	16	MODIFIED CIRCUIT
12R CENTERLINE	30	15	MODIFIED CIRCUIT
30L CENTERLINE	32	17	MODIFIED CIRCUIT
12R TDZ	33	18	MODIFIED CIRCUIT
12L-30R EDGE	35	19	EXISTING CIRCUIT
ALPHA	11	2	EXISTING CIRCUIT
BRAVO	12	1	EXISTING CIRCUIT
G-1	2	12	EXISTING CIRCUIT
G-2	4	7	EXISTING CIRCUIT
G-3	6	8	MODIFIED CIRCUIT
G CENTERLINE WEST	16	13	MODIFIED CIRCUIT
G CENTERLINE EAST	15	14	EXISTING CIRCUIT
G-3 CENTERLINE TO LAHSO	N/A	6	EXISTING CIRCUIT
LAHSO STOP BAR	N/A	27	EXISTING CIRCUIT
H-1 WEST	13	11	EXISTING CIRCUIT
H-2 EAST	14	9	EXISTING CIRCUIT
JULIET	9	3	EXISTING CIRCUIT
LIMA ON 24/7	10	5	EXISTING CIRCUIT
MIKE	7	4	EXISTING CIRCUIT
ROMEO	8	20	EXISTING CIRCUIT
SIERRA R/C	N/A	20	EXISTING CIRCUIT
EAST VAULT:			
4-22 EDGE	N/A	41	EXISTING CIRCUIT
4 CENTERLINE	N/A	43	EXISTING CIRCUIT
22 CENTERLINE	N/A	42	EXISTING CIRCUIT
DELTA	56	35	EXISTING CIRCUIT
FOXTROT	57	34	MODIFIED CIRCUIT
N-1	52	36	EXISTING CIRCUIT
N-2	53	37	EXISTING CIRCUIT
N-3	54	32	EXISTING CIRCUIT
NEW CARGO	51	31	EXISTING CIRCUIT
QUEBEC	55	33	EXISTING CIRCUIT

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TEXAS REGISTERED FIRM, NO. 928

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STATE OF TEXAS
ERIC C. LOVEJOY
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MARK	DATE	DESCRIPTION
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ELECTRICAL FIXTURE DATA TABLES - ALTERNATE 1

E2.4A

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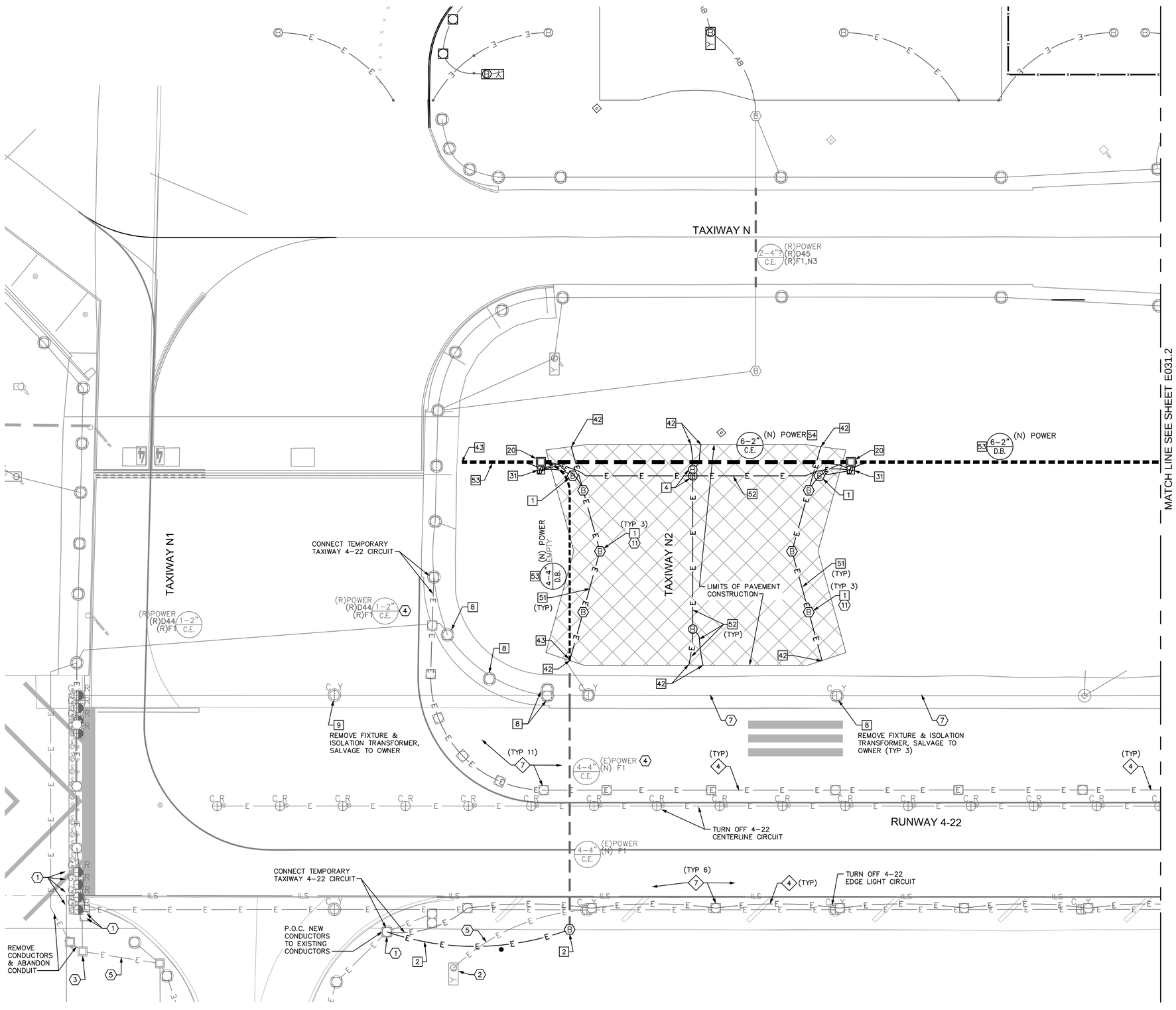


ELECTRICAL CONSTRUCTION NOTES

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.
5. EXISTING CONDUIT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.

BASE CAN, FOUNDATION & CONDUIT NOTES

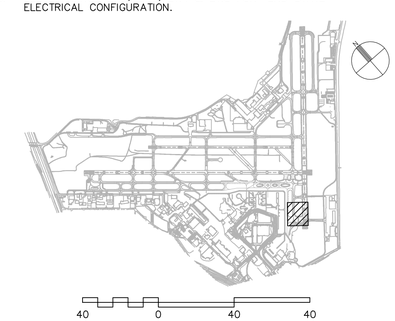
1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
2. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN EXISTING ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
8. NEW 3/8" BLANK COVER ON EXISTING L-867 BASE CAN.
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.
31. NEW 2-CAN JUNCTION CAN PLAZA (ITEM L-115). SEE DETAILS ON DRAWING E3.8.
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.
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.
53. (N) DUCT, DIRECT BURIAL (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

4. TEMPORARY SURFACE MOUNTED 2" CONDUIT WITH L-824, TYPE C, #6, 5 KV CABLE(S). SEE DETAILS E3.11.
7. INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER. SEE DETAILS E3.11.

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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STATE OF TEXAS
ERIC C. LOVEJOY
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LICENSED
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MARK	DATE	DESCRIPTION
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ISSUE: ----

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PHASE 1 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E031.1

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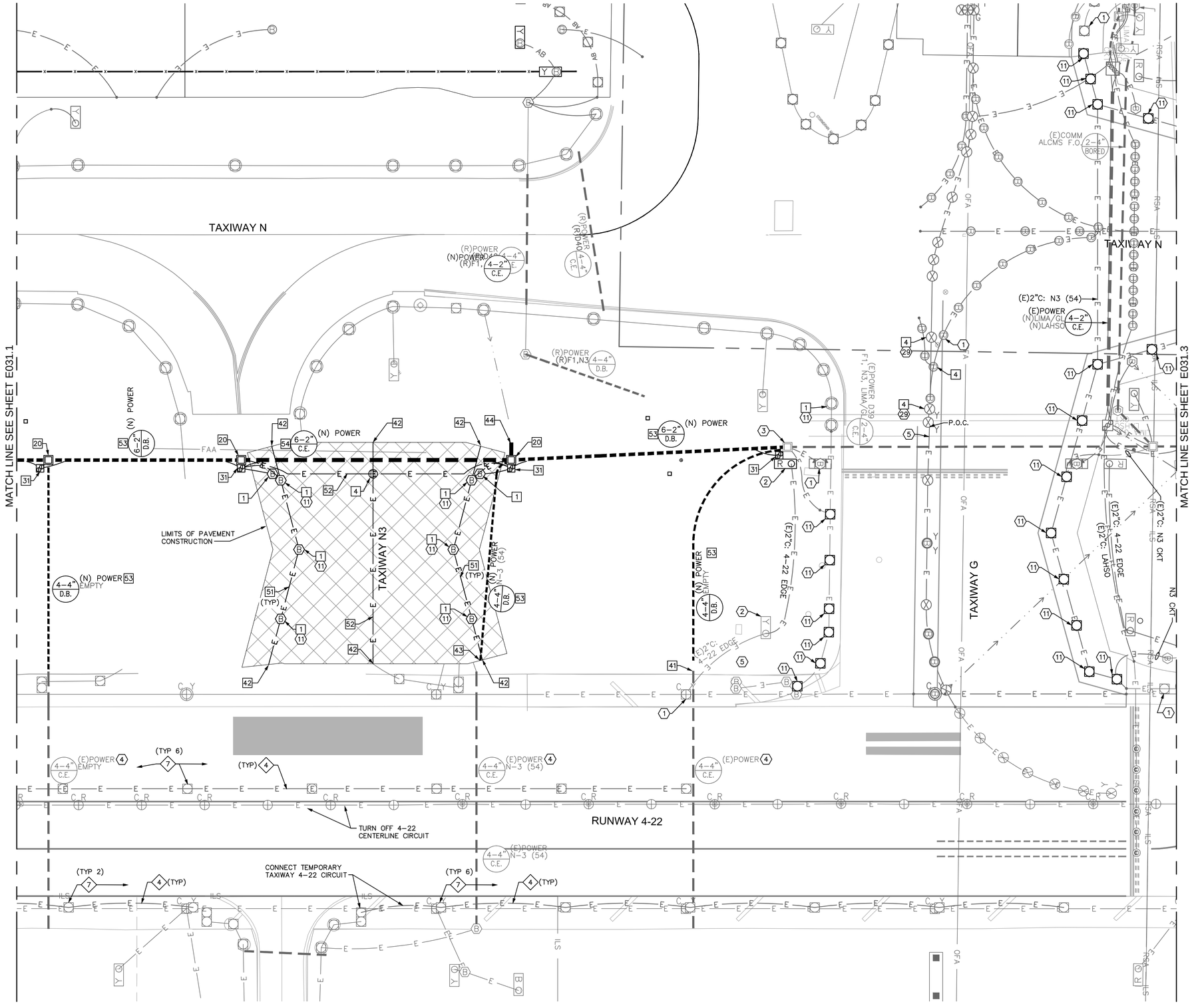


ELECTRICAL CONSTRUCTION NOTES

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.
5. EXISTING CONDUIT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
11. INSTALL NEW L-861T(LED) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER.
29. REINSTALL EXISTING L-852A TAXIWAY CENTERLINE LIGHT WITH NEW ISOLATION TRANSFORMER.

BASE CAN, FOUNDATION & CONDUIT NOTES

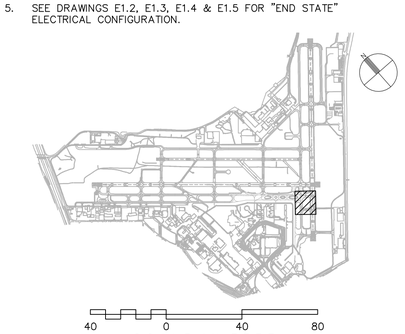
1. NEW L-867 BASE CAN (WITH 3/8" BLANK COVER IF NOTED IN TABLE) IN NEW ASPHALT PAVEMENT.
4. NEW L-868 BASE CAN (WITH 3/4" BLANK COVER OR 3/4" THICK L-868 TO L-867 ADAPTOR RING IF NOTED IN TABLE) IN NEW PCC PAVEMENT.
20. NEW PRECAST CONCRETE HANDHOLE (ITEM L-115). SEE DATA TABLES IN E2 SERIES DRAWINGS FOR LOCATION & DETAIL DATA.
31. NEW 2-CAN JUNCTION CAN PLAZA (ITEM L-115). SEE DETAILS ON DRAWING E3.8.
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.
43. STUB AND CAP DUCT FOR FUTURE EXTENSION. RECORD STATION, OFFSET AND DEPTH ON RECORD DRAWINGS.
44. STUB AND CAP DUCT 10-FEET OUTSIDE OF HANDHOLE FOR FUTURE EXTENSION.
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.
53. (N) DUCT, DIRECT BURIAL (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

4. TEMPORARY SURFACE MOUNTED 2" CONDUIT WITH L-824, TYPE C, #6, 5 KV CABLE(S). SEE DETAILS E3.11.
7. INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER. SEE DETAILS E3.11.

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
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PHASE 1 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E031.2

SHEET NO. 142 OF 172

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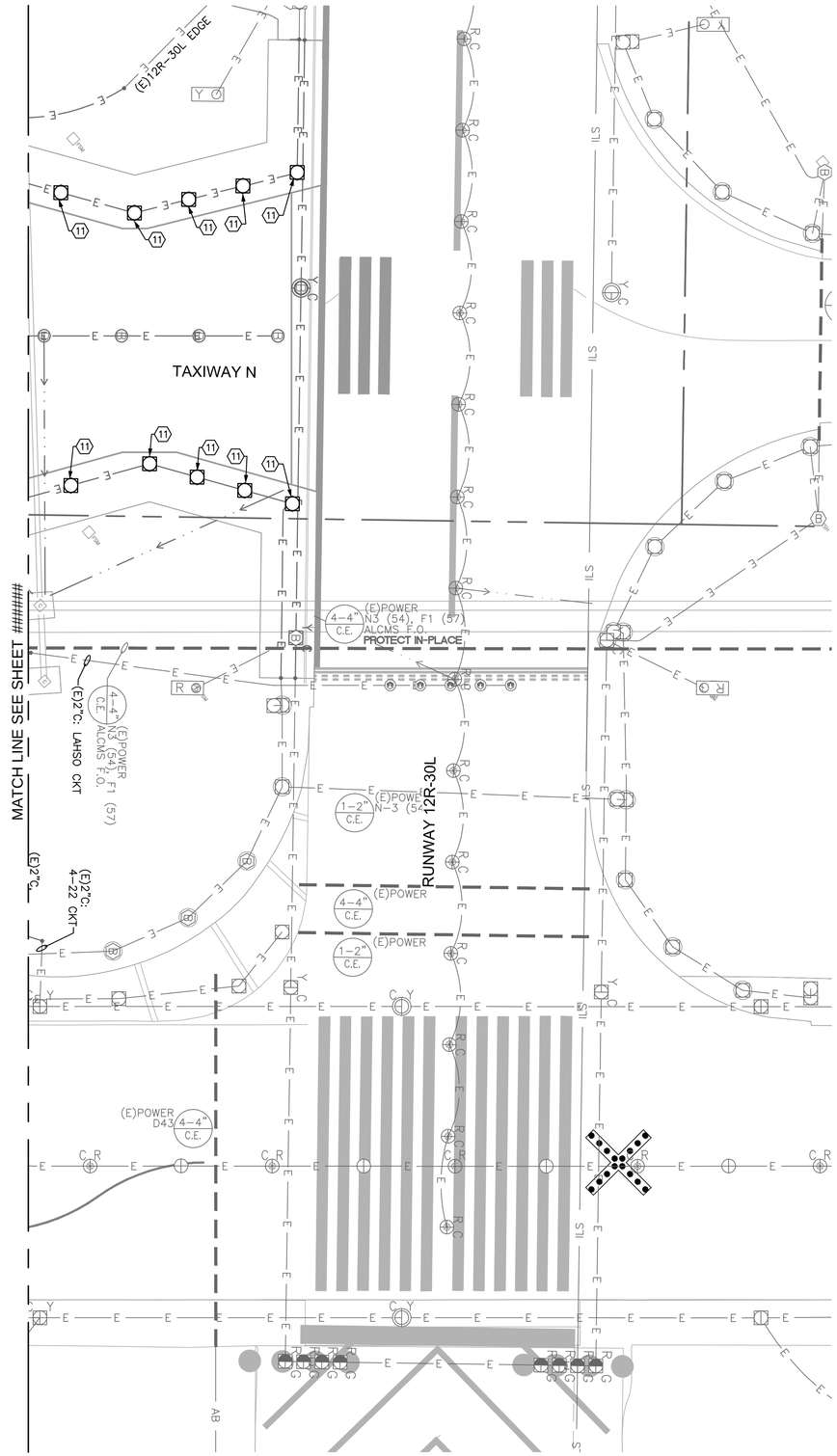
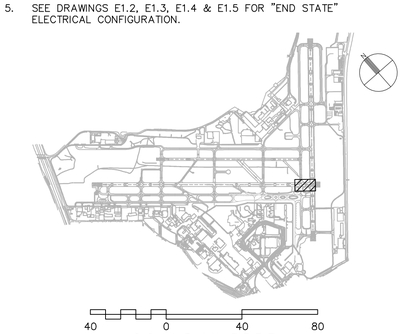


ELECTRICAL CONSTRUCTION NOTES

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

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 1 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E031.3

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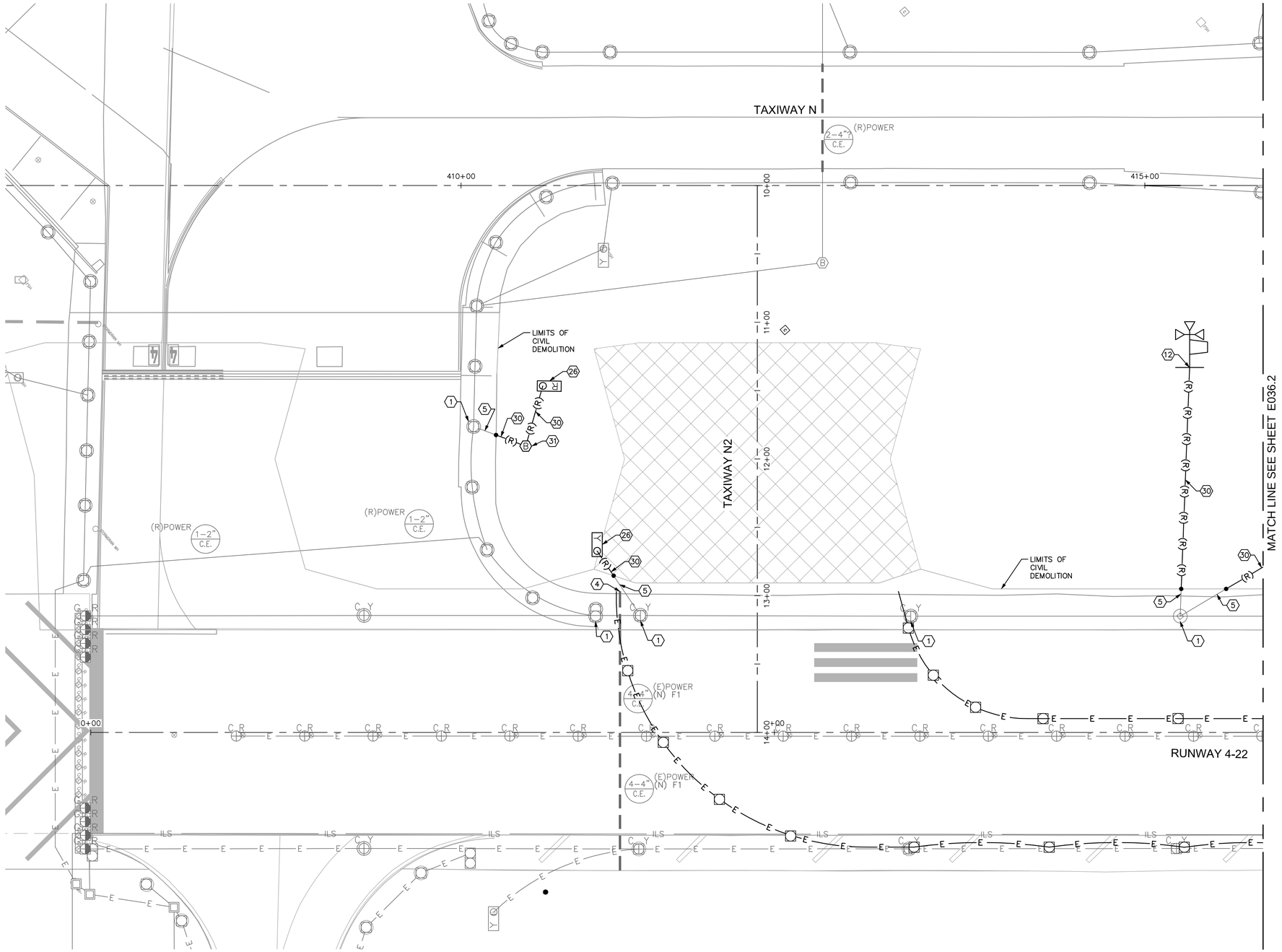
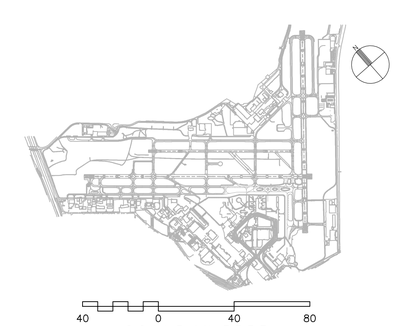


ELECTRICAL DEMOLITION NOTES

1. EXISTING LIGHT, 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.
12. SALVAGE EXISTING LIGHTED WINDCONE AND ISOLATION TRANSFORMER FOR REINSTALLATION. REMOVE CABLE AND CONDUIT. SEE E1 SERIES DRAWINGS FOR REINSTALLATION.
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.
31. REMOVE EXISTING BASECAN AND ASSOCIATED CONDUIT TO LIMITS OF DEMOLITION.

GENERAL NOTES

1. SEE DRAWING E013.1 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 E5 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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PHASE 1 - ELECTRICAL DEMOLITION PLAN - ALTERNATE 1

E036.1

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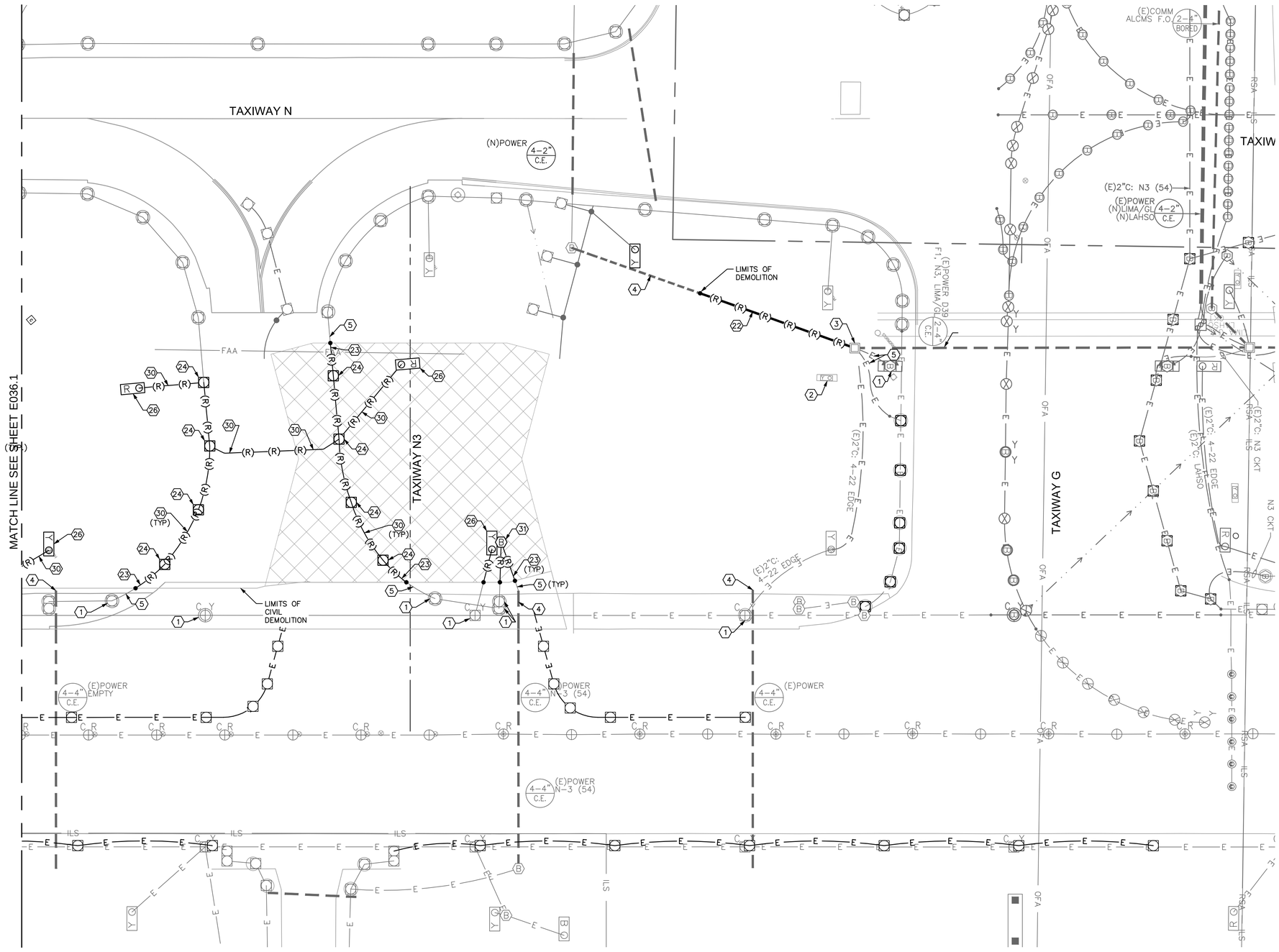
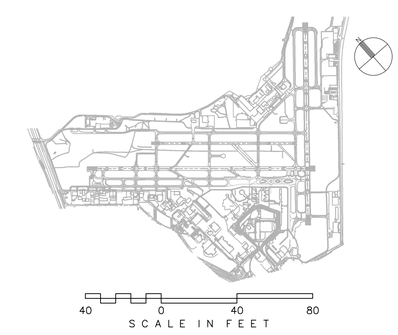


ELECTRICAL DEMOLITION NOTES

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.
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.
23. REMOVE EXISTING CONDUIT TO LIMITS OF DEMOLITION OR AS NOTED. PROTECT FOR CONNECTION TO NEW CONDUIT. REMOVE CONDUCTORS BACK TO EXISTING STRUCTURE TO REMAIN OR 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.
31. REMOVE EXISTING BASECAN AND ASSOCIATED CONDUIT TO LIMITS OF DEMOLITION.

GENERAL NOTES

1. SEE DRAWING E011.2 FOR ELECTRICAL LAYOUT PLAN.
2. SEE DRAWINGS E012.2 & E012.3 & DATA TABLES FOR NEW FIXTURE, HANDHOLE, JUNCTION CAN, BASE CAN, AND SIGN FOUNDATION LOCATIONS.
3. SEE DRAWING E035.2 FOR AIRFIELD SIGN LEGENDS.



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TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

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

E036.2

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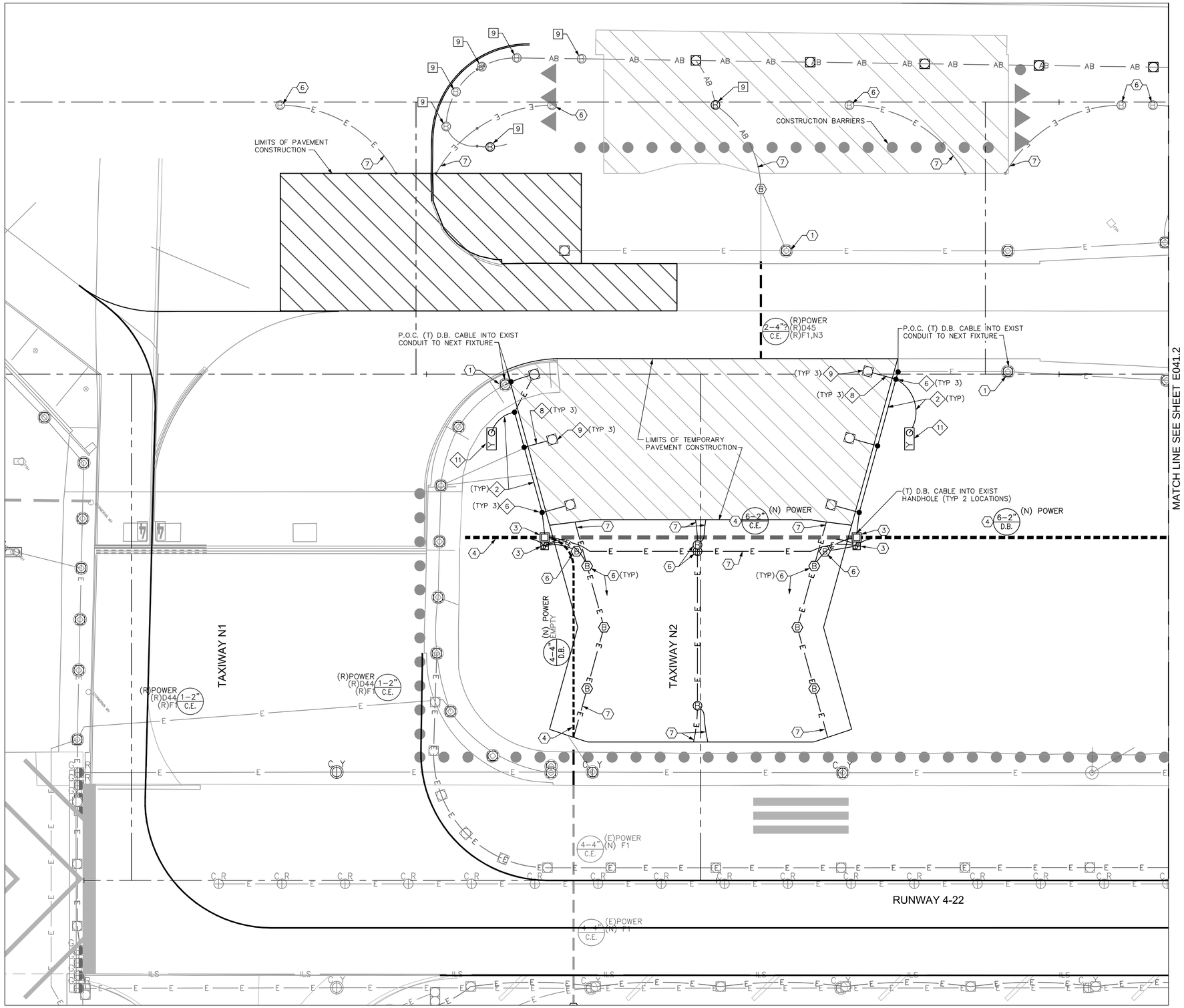


ELECTRICAL CONSTRUCTION NOTES

1. EXISTING LIGHT, 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.

BASE CAN, FOUNDATION & CONDUIT NOTES

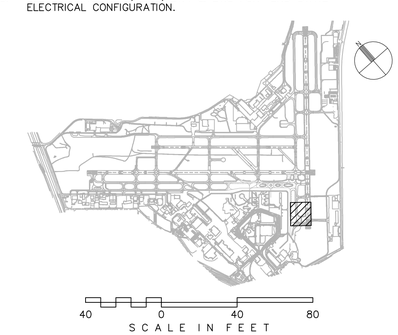
9. NEW 3/4" BLANK COVER ON EXISTING L-868 BASE CAN.

ELECTRICAL CONSTRUCTION PHASING NOTES

2. TEMPORARY DIRECT BURIED L-824, TYPE C, 1/C #6, 5 KV CABLE.
6. TEMPORARY DIRECT BURIAL ISOLATION TRANSFORMER.
8. TEMPORARY SECONDARY CIRCUIT, (2)-1/C #10 IN 1-1/4" CONDUIT. SEE DETAILS E3.11.
9. INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT. SEE DETAIL E3.11.
11. INSTALL TEMPORARY STAKE MOUNTED GUIDANCE SIGN & ISOLATION TRANSFORMER. SEE DETAILS E3.12.

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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TERMINAL AREA TAXIWAY IMPROVEMENTS - (PACKAGE 3)

STATE OF TEXAS
ERIC C. LOVEJOY
84081
LICENSED
PROFESSIONAL ENGINEER

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PHASE 2 - ELECTRICAL LAYOUT PLAN - ALTERNATE 1

E041.1

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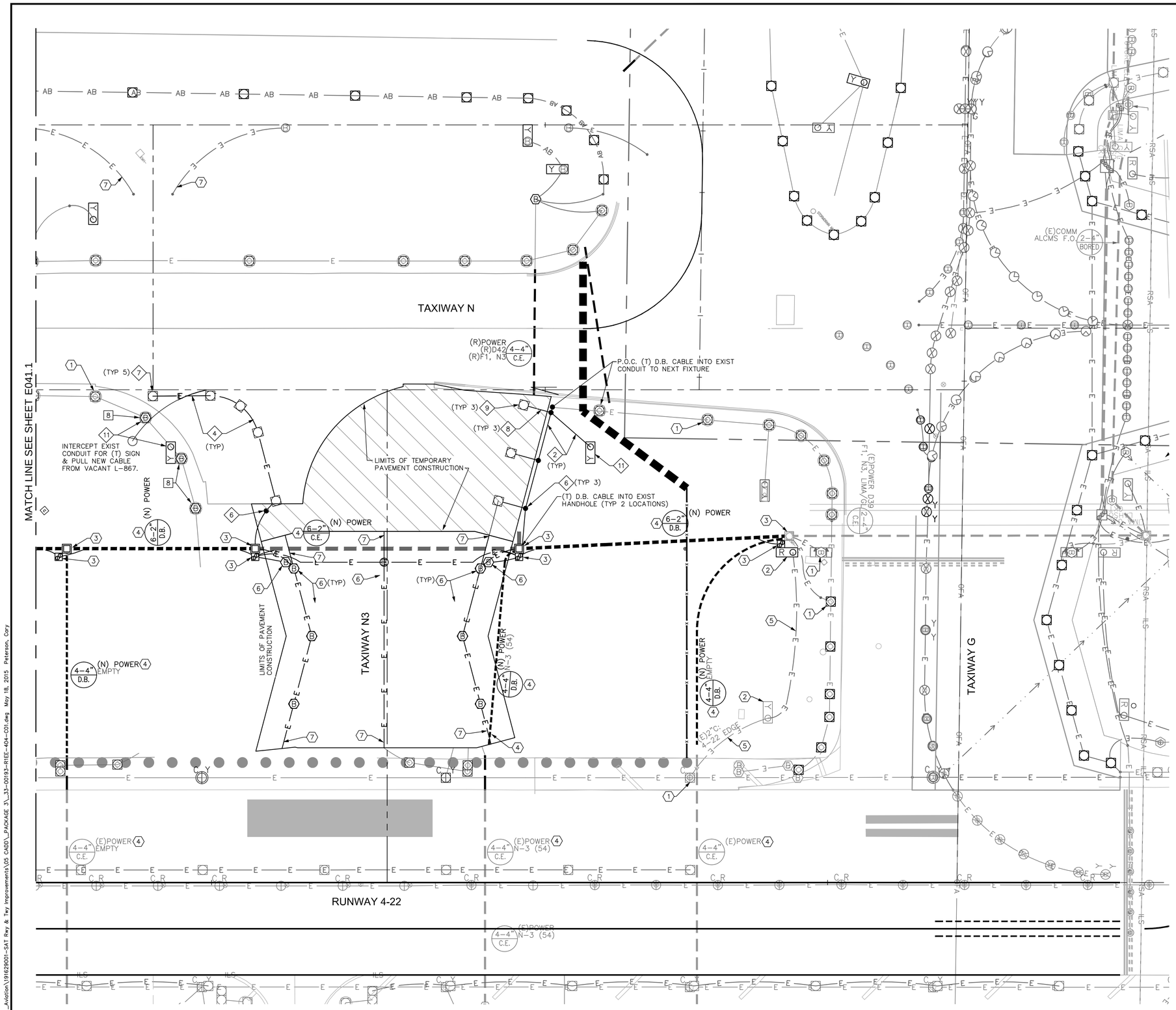


ELECTRICAL CONSTRUCTION NOTES

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.
5. EXISTING CONDUIT, PROTECT IN PLACE. INSTALL NEW CONDUCTOR(S) AS NOTED.
6. EXISTING BASE CAN, PROTECT IN PLACE.
7. EXISTING EMPTY CONDUIT, PROTECT IN PLACE.

BASE CAN, FOUNDATION & CONDUIT NOTES

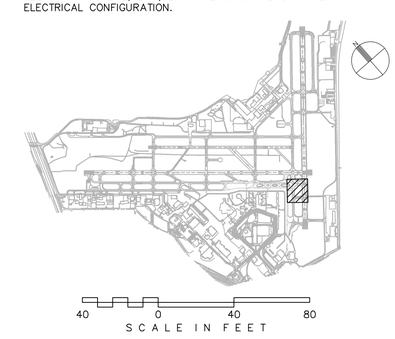
8. NEW 3/8" BLANK COVER ON EXISTING L-867 BASE CAN.

ELECTRICAL CONSTRUCTION PHASING NOTES

2. TEMPORARY DIRECT BURIED L-824, TYPE C, 1/C #6, 5 KV CABLE.
4. TEMPORARY SURFACE MOUNTED 2" CONDUIT WITH L-824, TYPE C, #6, 5 KV CABLE(S). SEE DETAILS E3.11.
6. TEMPORARY DIRECT BURIAL ISOLATION TRANSFORMER.
7. INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT & ISOLATION TRANSFORMER. SEE DETAILS E3.11.
8. TEMPORARY SECONDARY CIRCUIT, (2)-1/C #10 IN 1-1/4" CONDUIT. SEE DETAILS E3.11.
9. INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT. SEE DETAIL E3.11.
11. INSTALL TEMPORARY STAKE MOUNTED GUIDANCE SIGN & ISOLATION TRANSFORMER. SEE DETAILS E3.12.

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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E041.2

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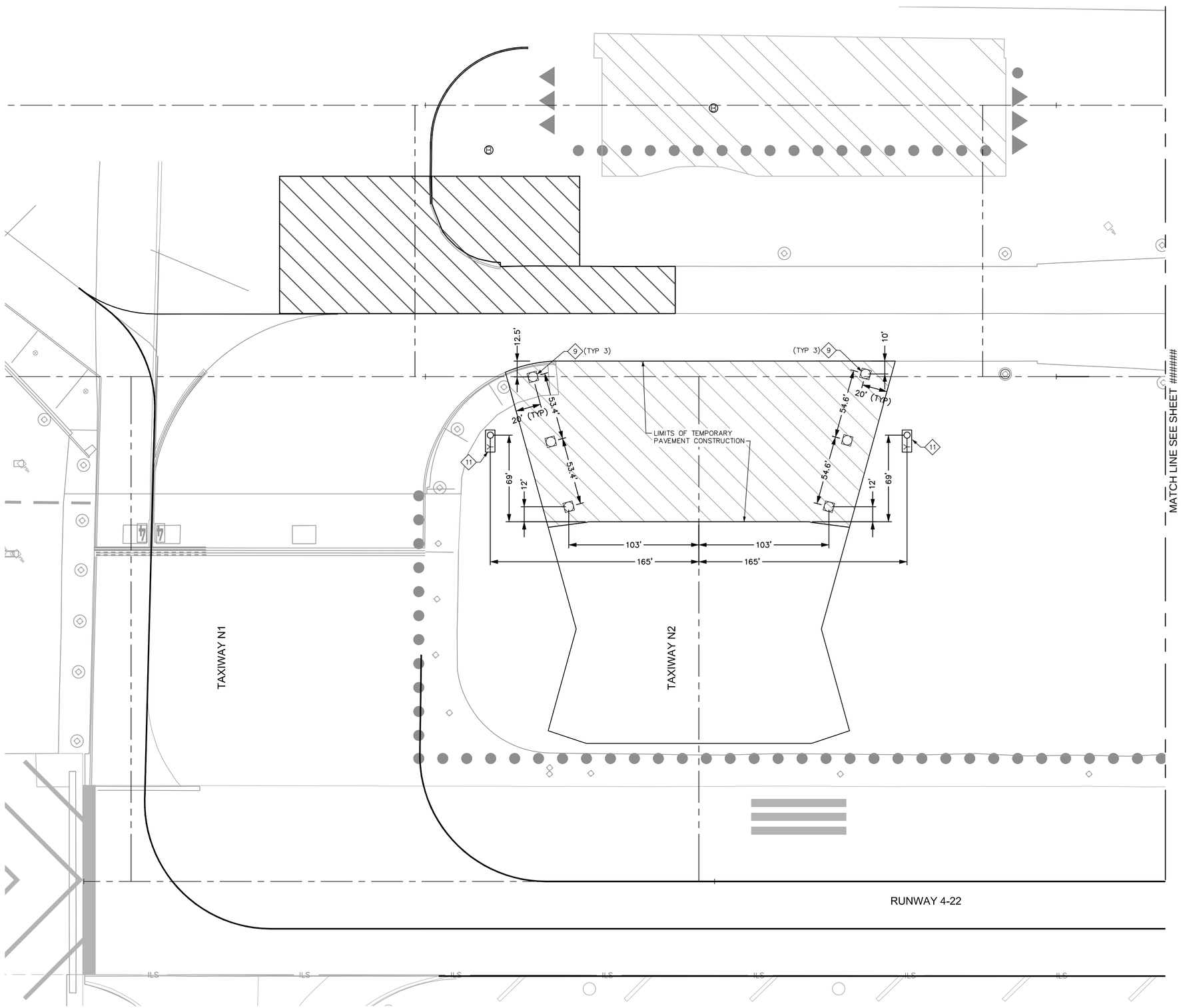


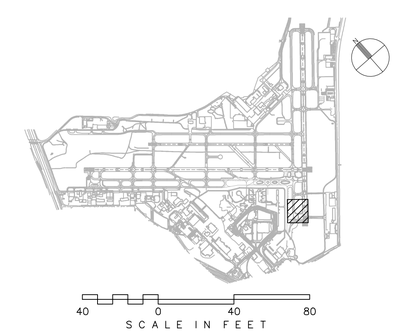
ELECTRICAL CONSTRUCTION PHASING NOTES

9 INSTALL TEMPORARY PAVEMENT MOUNTED TAXIWAY EDGE LIGHT. SEE DETAIL E3.11.

11 INSTALL TEMPORARY STAKE MOUNTED GUIDANCE SIGN & ISOLATION TRANSFORMER. SEE DETAILS E3.12.

GENERAL NOTES

1. SEE E045 SERIES DRAWINGS FOR AIRFIELD SIGN LEGENDS.



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TEMPORARY FIXTURE LOCATION PLAN - ALTERNATE 1

E042.1

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