PROVIDE REIL SYSTEM EQUIPMENT ON EXISTING FOUNDATION

PROVIDE REIL SYSTEM EQUIPMENT ON EXISTING FOUNDATION

TAXIWAY C

WC

PROVIDE WIND CONE

PROVIDE PAPI-4 SYSTEM

PAPI-4

PAPI-4

PROVIDE PAPI-4 SYSTEM

PROVIDE POWER & CONTROL SYSTEM IN EXISTING AIRFIELD LIGHTING VAULT BLDG 1241

APPROACH LIGHT CONDUITS

RUNWAY 04-22

TAXIWAY B

TAXIWAY E (EAST)

APPROACH LIGHT CONDUITS

TAXIWAY Y

TAXIWAY Y

WC

PROVIDE WIND CONE

RUNWAY 17-35

TAXIWAY A

RUNWAY 31R-13L

RUNWAY 04-22

STUB-OUT 6W-2" DUCT BANK TO PAR SITE

PAR

TAXIWAY E (MIDFIELD)

FUTURE CONDUITS (BY OTHERS)

FUTURE CONDUIT (BY OTHERS)

RUNWAY 31L-13R

LOCATE PULLCAN PLAZA FOR FUTURE ACCESS TO PAR SITE

WC

PROVIDE WIND CONE

TAXIWAY Z

WC

PAPI-4

PROVIDE WIND CONE

PROVIDE PAPI-4 SYSTEM

PAPI-4

PROVIDE WIND CONE

PROVIDE PAPI-4 SYSTEM

TAXIWAY E (WEST)

PROVIDE REIL SYSTEM EQUIPMENT ON EXISTING FOUNDATION

PROVIDE REIL SYSTEM EQUIPMENT ON EXISTING FOUNDATION

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	RELOCATE	ADJUST
			R	A

LEGEND

- EXISTING L-867 ELECTRICAL PULLCAN PLAZA (# INDICATES NUMBER OF CANS)
- L-867 ELECTRICAL PULLCAN PLAZA (# INDICATES NUMBER OF CANS)
- L-849 REIL (UNI-DIRECTIONAL) EQUIPMENT
- WIND CONE
- 4 BOX PAPI
- DUCT BANK BORED UNDER PAVEMENT
- DUCT BANK
- FUTURE DUCT BANK

300 0 300 600

SCALE: 1"=300' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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Delta Project No. 14072 A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES EFC DRW MRM CHK MWK

PROJECT MANAGER

IPT TECH. BRANCH HEAD

CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBIL CORE

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE

NAS CORPUS CHRISTI

CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS TAXIWAY 'E'

HOMERUN AND NAVAIDS PLAN

SCALE 1"=300'

EPROJECT NO.:

CONSTR. CONTR. NO.

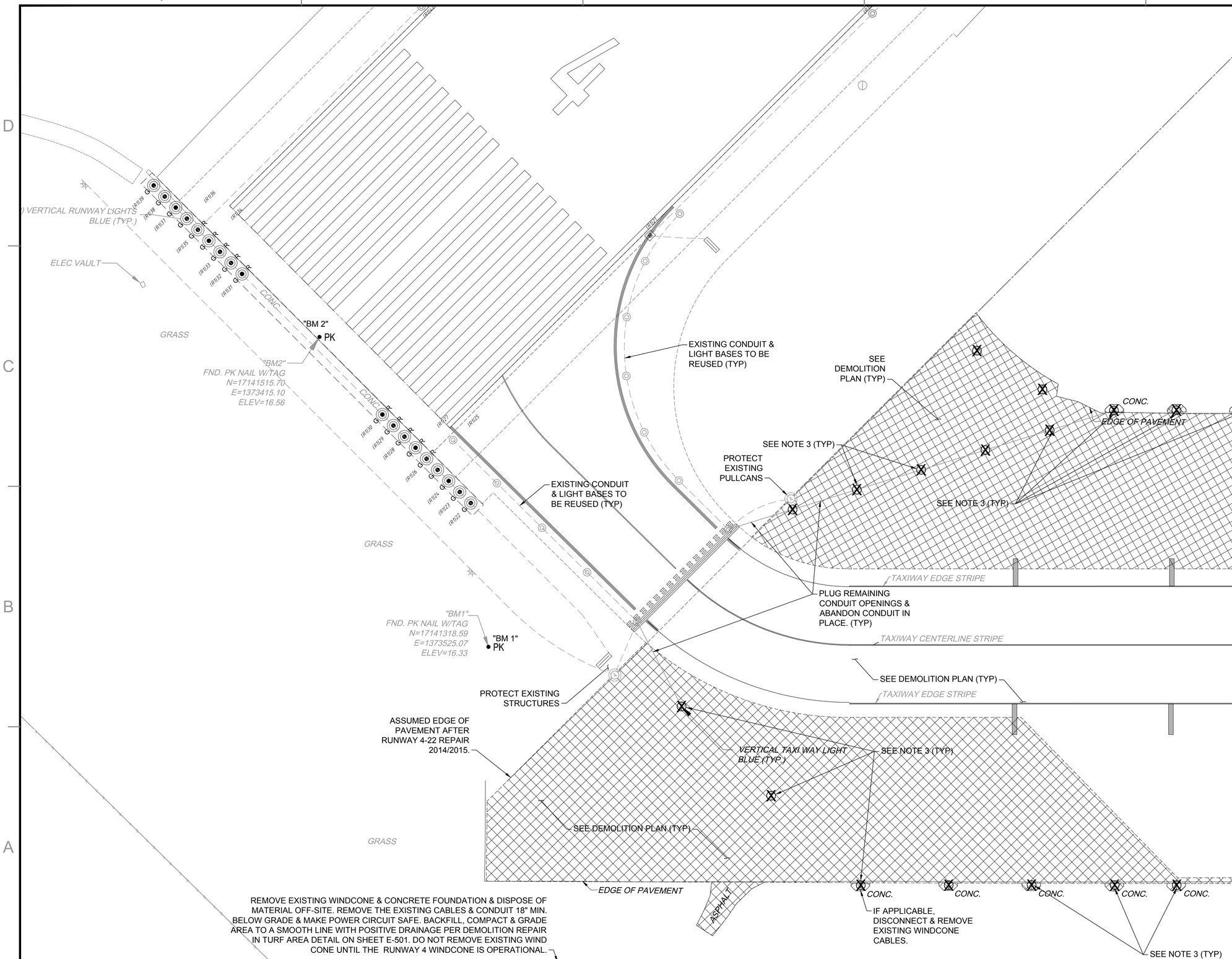
NAVFAC DRAWING NO.
15095226

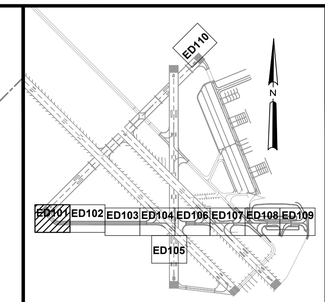
SHEET 98 OF 145

ES101

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-ES101.dwg LAYOUT NAME: ES101 PLOTTED: Tuesday, November 10, 2015 - 11:24am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

NOTES

1. CONTRACTOR MUST PRESERVE AND PROTECT CABLES AND FIXTURES NOT IDENTIFIED TO BE REMOVED.
2. THE EXISTING GROUNDING POINTS & CONCRETE ENCASEMENT MUST BE COMPLETELY REMOVED TO A DEPTH OF 6" MINIMUM & PATCHED WITH BITUMINOUS SURFACE COURSE IN 2" MAX. COMPACTED LIFTS. PRIOR TO BACKFILLING WITH ASPHALT, CORE THE EXISTING PAVEMENT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE ON SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS TACK COAT ON PAVEMENT SURFACE.
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4. THE CONTRACTOR MUST REVIEW THE ELECTRICAL LAYOUT SHEETS TO DETERMINE THE EXTENT OF ELECTRICAL DEMOLITION REQUIRED. THE FINAL DETERMINATION OF THE AMOUNT OF DEMOLITION REQUIRED WILL BE MADE BY THE CONTRACTING OFFICER.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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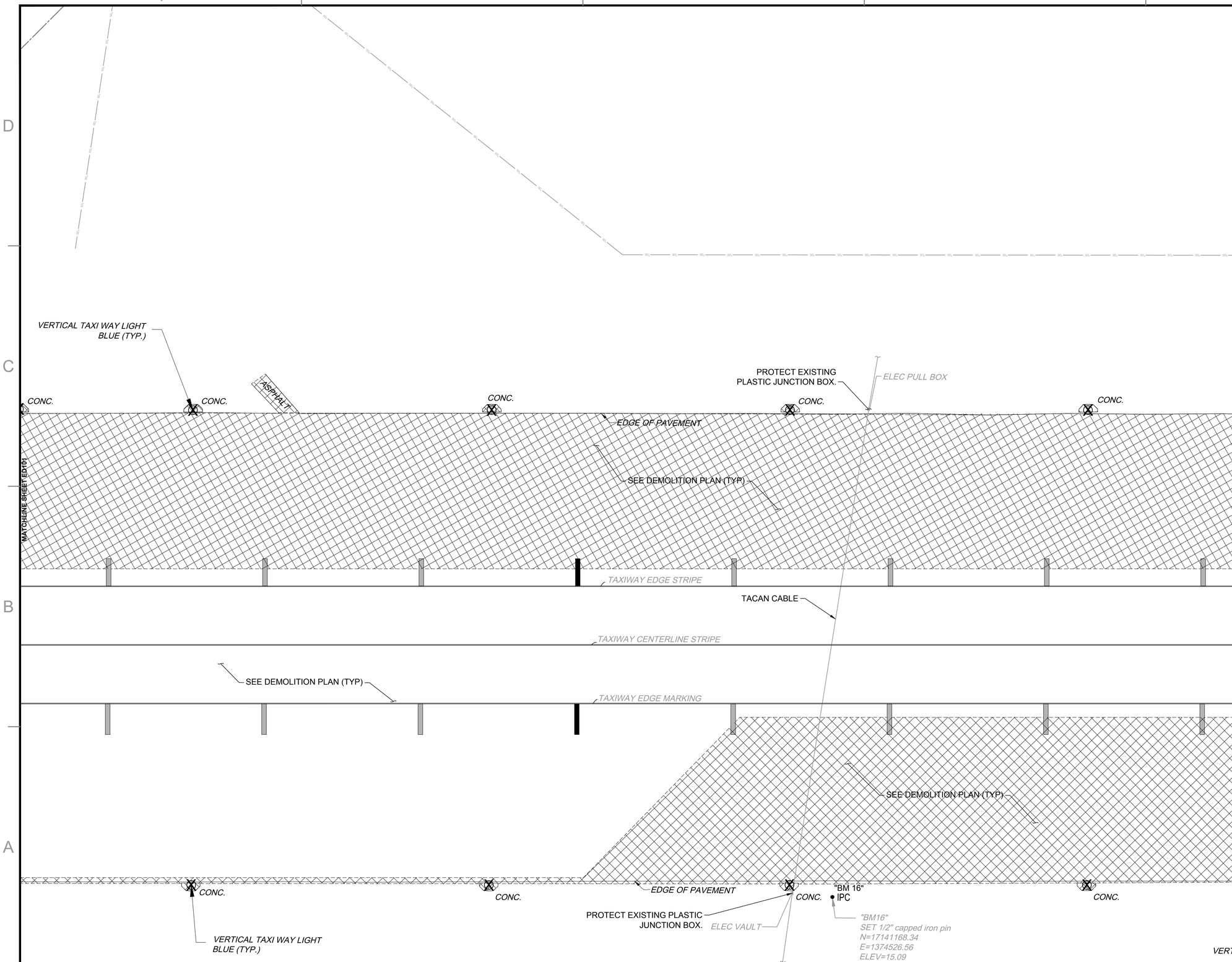
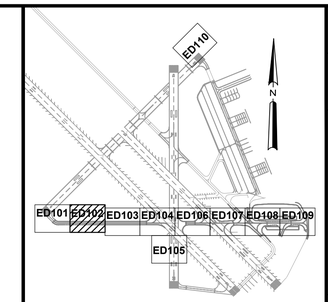
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CBLL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095227
SHEET 99 OF 145
ED101
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-ED101.dwg LAYOUT NAME: ED101 PLOTTED: Tuesday, November 10, 2015 - 11:24am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

NOTES

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30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

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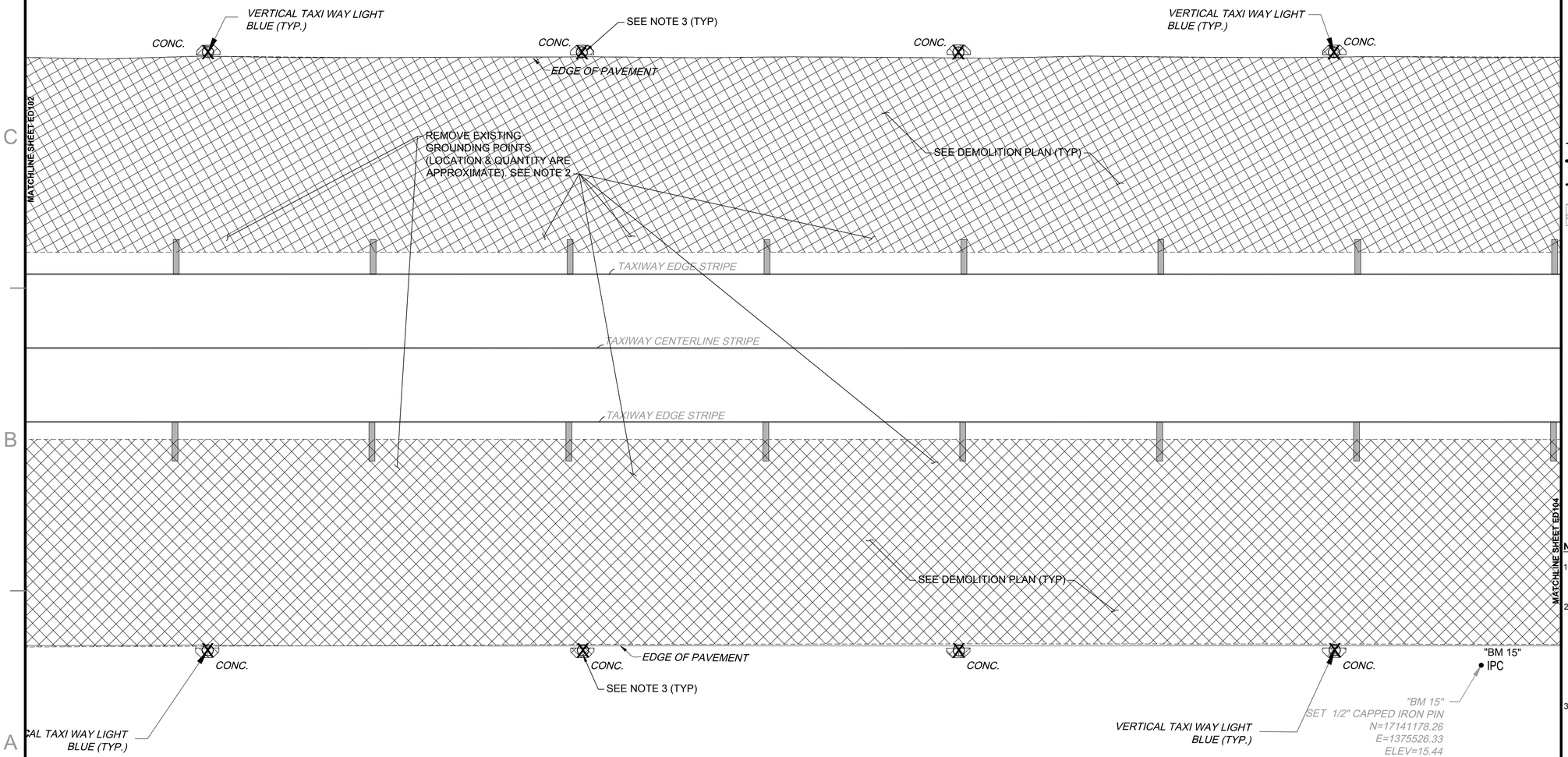
DES EFC | DRW MRM | CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

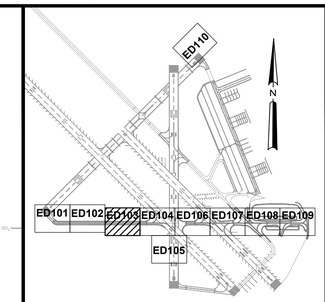
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095228
SHEET 100 OF 145
ED102

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-ED102.dwg LAYOUT NAME: ED102 PLOTTED: Tuesday, November 10, 2015 - 11:24am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
◎	X	◉	◉ R	◉ A

SYMBOL	DESCRIPTION
▬	L-858 AIRFIELD GUIDANCE SIGN
◉	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
— — — —	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

NOTES

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30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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CHIEF ENG/ARCH (CORE)

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NAVAL FACILITIES ENGINEERING COMMAND
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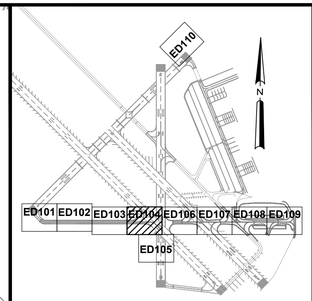
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095229
SHEET 101 OF 145
ED103

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-ED103.dwg LAYOUT NAME: ED103 PLOTTED: Tuesday, November 10, 2015 - 11:25am USER: mrm

ELEC PULL BOX
ASPHALT
SEE NOTE 4 (TYP)
CONC.
SEE NOTE 3 (TYP)
EDGE OF PAVEMENT
SEE DEMOLITION PLAN (TYP)
TAXIWAY EDGE STRIPE
TAXIWAY CENTERLINE STRIPE
VERTICAL RUNWAY LIGHT
ELEC VAULT
ELEC PULL BOX
CONC. PAD
WHITE MARKING
VERTICAL RUNWAY LIGHT WHITE
FLUSH RUNWAY LIGHT WHITE (TYP.)
VERTICAL TAXI WAY LIGHT BLUE (TYP.)
SEE NOTE 3 & 4 (TYP)
SIGN (INFORMATIONAL)
MATCHLINE SHEET ED103
MATCHLINE SHEET ED106
MATCHLINE SHEET ED105



KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

NOTES

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30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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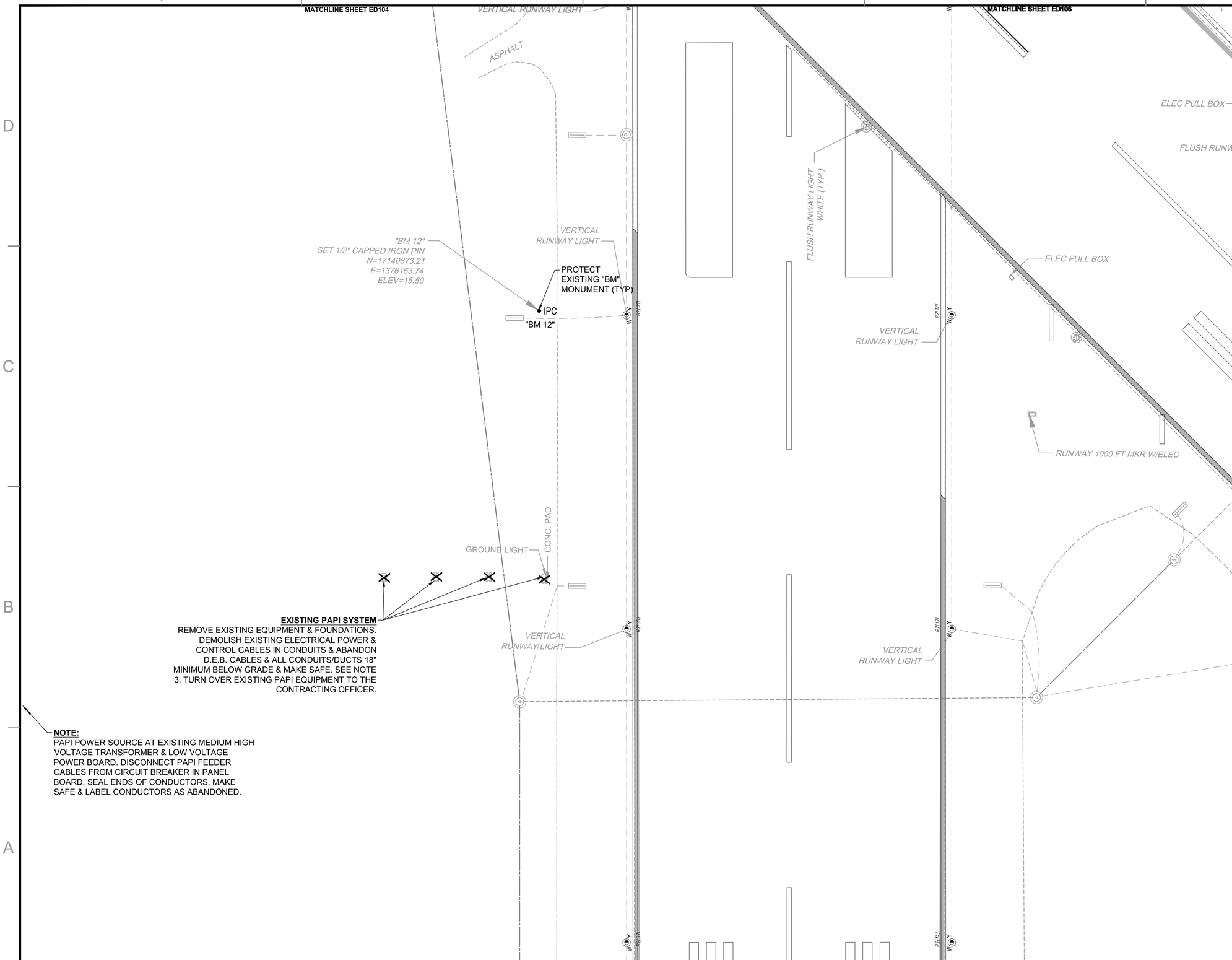
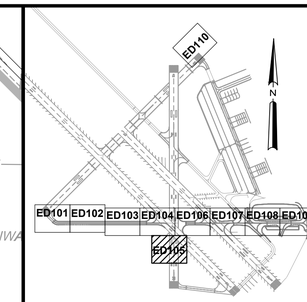
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095230
SHEET 102 OF 145
ED104

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY\132443-E-ED104.dwg LAYOUT NAME: ED104 PLOTTED: Tuesday, November 10, 2015 - 11:25am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

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SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
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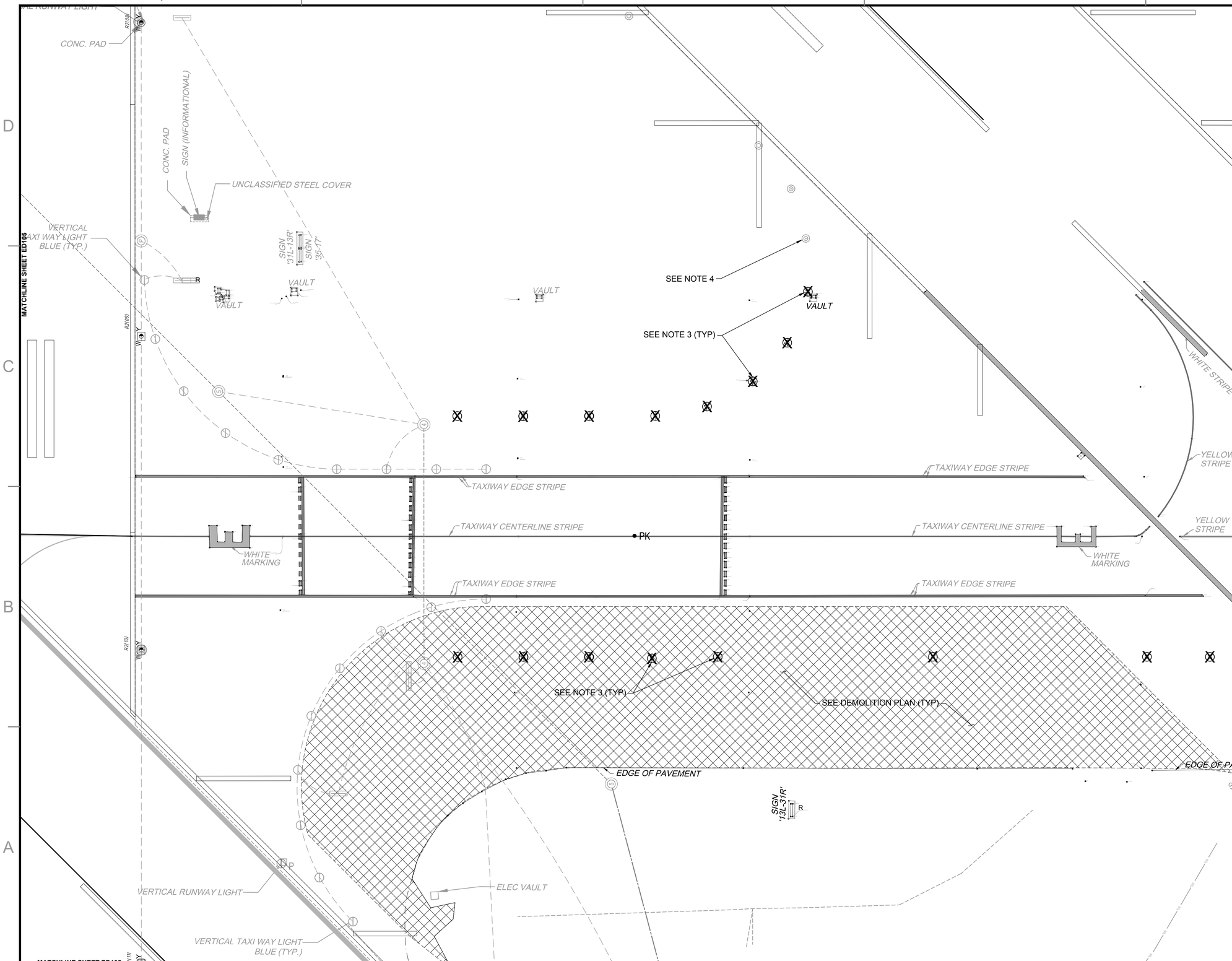
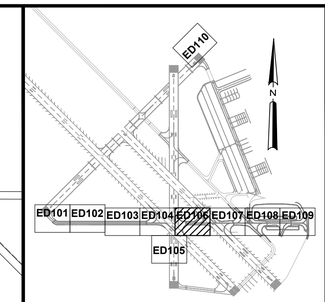
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095231
SHEET 103 OF 145
ED105

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY E\1302443-E-ED105.dwg LAYOUT NAME: ED105 PLOTTED: Tuesday, November 10, 2015 - 11:25am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

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SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
JON M. McCALMONT
100633
LICENSED PROFESSIONAL ENGINEER
6 NOV 15
SEAL

leidos
LEIDOS ENGINEERING, LLC
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9711 Farror Court, Suite 100
Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltoairport.com
Delta Project No. 14072 A/E INFO

APPROVED
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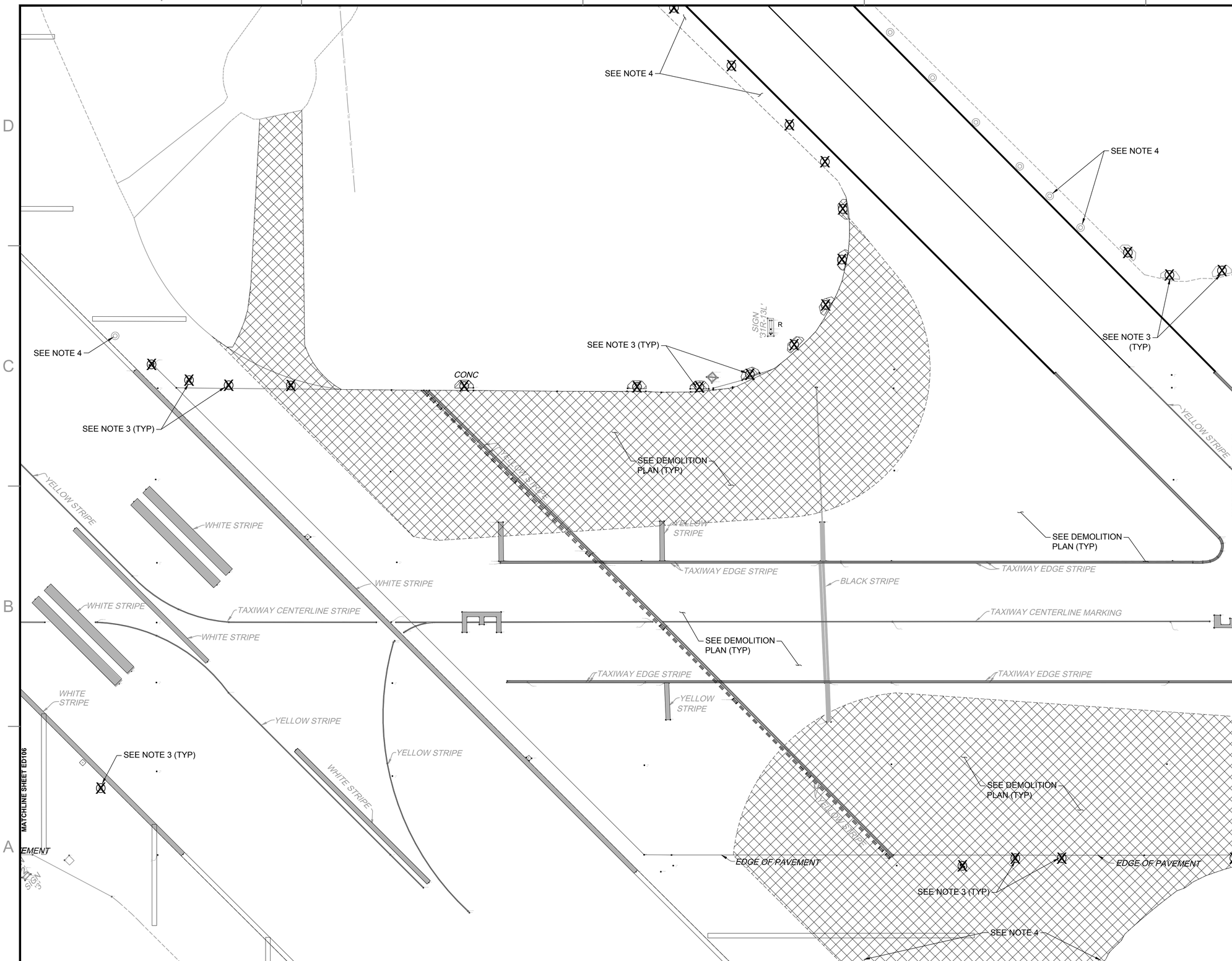
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

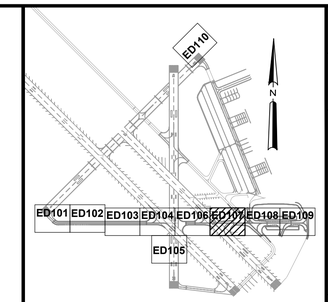
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBIL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095232
SHEET 104 OF 145
ED106

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\140720\04 CAD_REPAIR_TWY\1302443-E-ED106.dwg LAYOUT NAME: ED106 PLOTTED: Tuesday, November 10, 2015 - 11:26am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

NOTES

1. CONTRACTOR MUST PRESERVE AND PROTECT CABLES AND FIXTURES NOT IDENTIFIED TO BE REMOVED.
2. THE EXISTING GROUNDING POINTS & CONCRETE ENCASEMENT MUST BE COMPLETELY REMOVED TO A DEPTH OF 6" MINIMUM & PATCHED WITH BITUMINOUS SURFACE COURSE IN 2" MAX. COMPACTED LIFTS. PRIOR TO BACKFILLING WITH ASPHALT, CORE THE EXISTING PAVEMENT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE ON SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS TACK COAT ON PAVEMENT SURFACE.
3. REMOVE EXISTING WIRE, FIXTURE, AND FOUNDATION. PLUG CONDUIT OPENINGS, ABANDON CONDUIT, AND BACKFILL PER DEMOLITION/REPAIR IN-SHOULDER PAVEMENT DETAIL & DELOLITION/REPAIR IN TURF AREA DETAIL ON SHEET E-503.
4. THE CONTRACTOR MUST REVIEW THE ELECTRICAL LAYOUT SHEETS TO DETERMINE THE EXTENT OF ELECTRICAL DEMOLITION REQUIRED. THE FINAL DETERMINATION OF THE AMOUNT OF DEMOLITION REQUIRED WILL BE MADE BY THE CONTRACTING OFFICER.

30 0 30 60
SCALE: 1"=30' FEET

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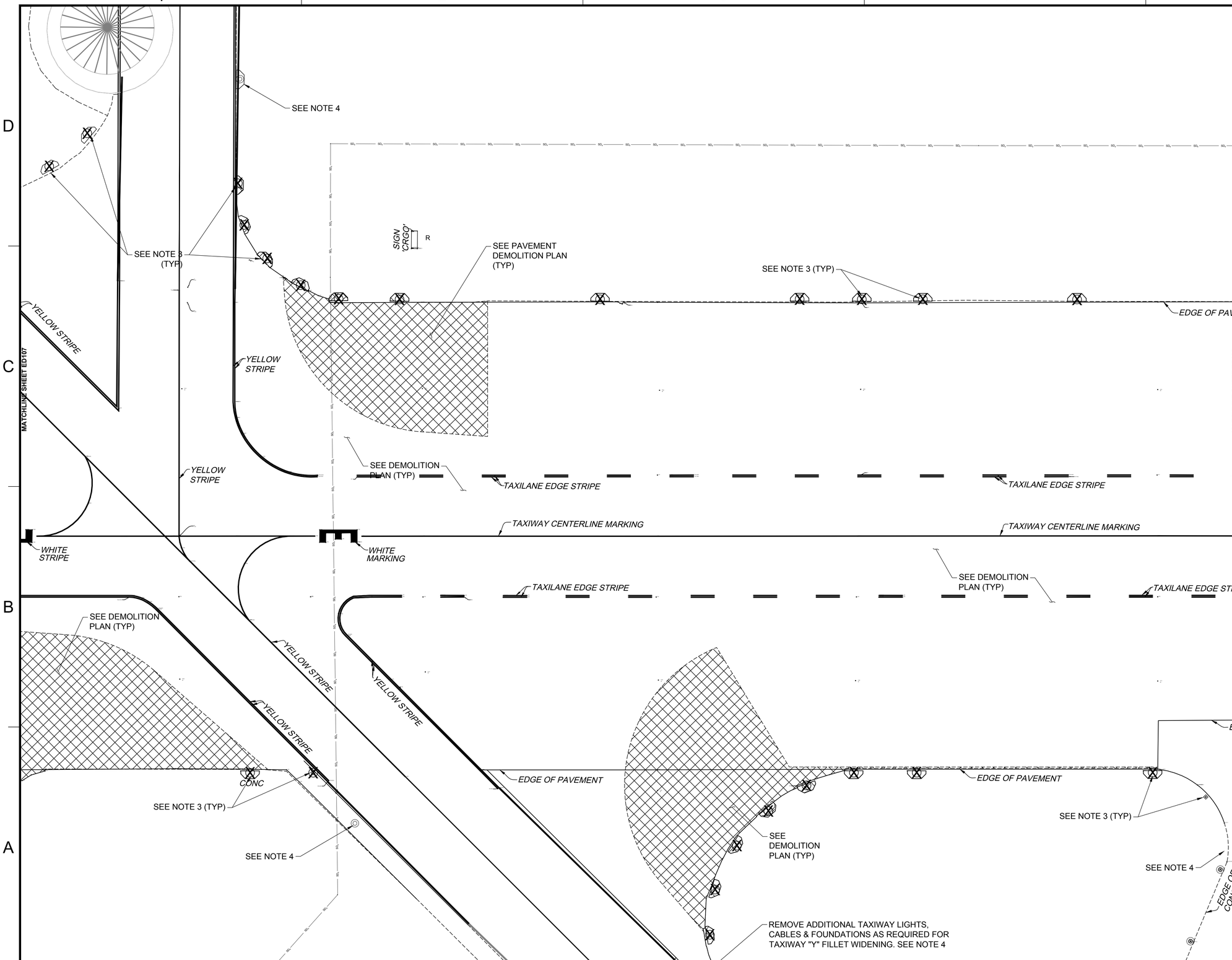
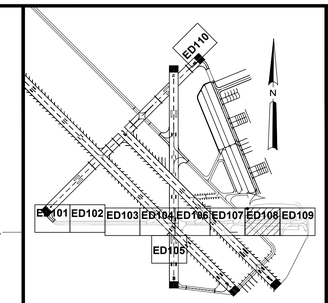
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095233
SHEET 105 OF 145
ED107

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_NWE\132443-E-ED107.dwg LAYOUT NAME: ED107 PLOTTED: Tuesday, November 10, 2015 - 11:26am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
◎	⊗	◉	◉ R	◉ A

SYMBOL	DESCRIPTION
▬	L-858 AIRFIELD GUIDANCE SIGN
◉	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
— — — —	CONDUIT & CABLE
—·—·—	EXISTING DUCT BANK
— — — —	DUCT BANK - BORED UNDER PAVEMENT
▨	DEMOLITION OF EXISTING ACC & PCC

NOTES

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SCALE: 1"=30' FEET

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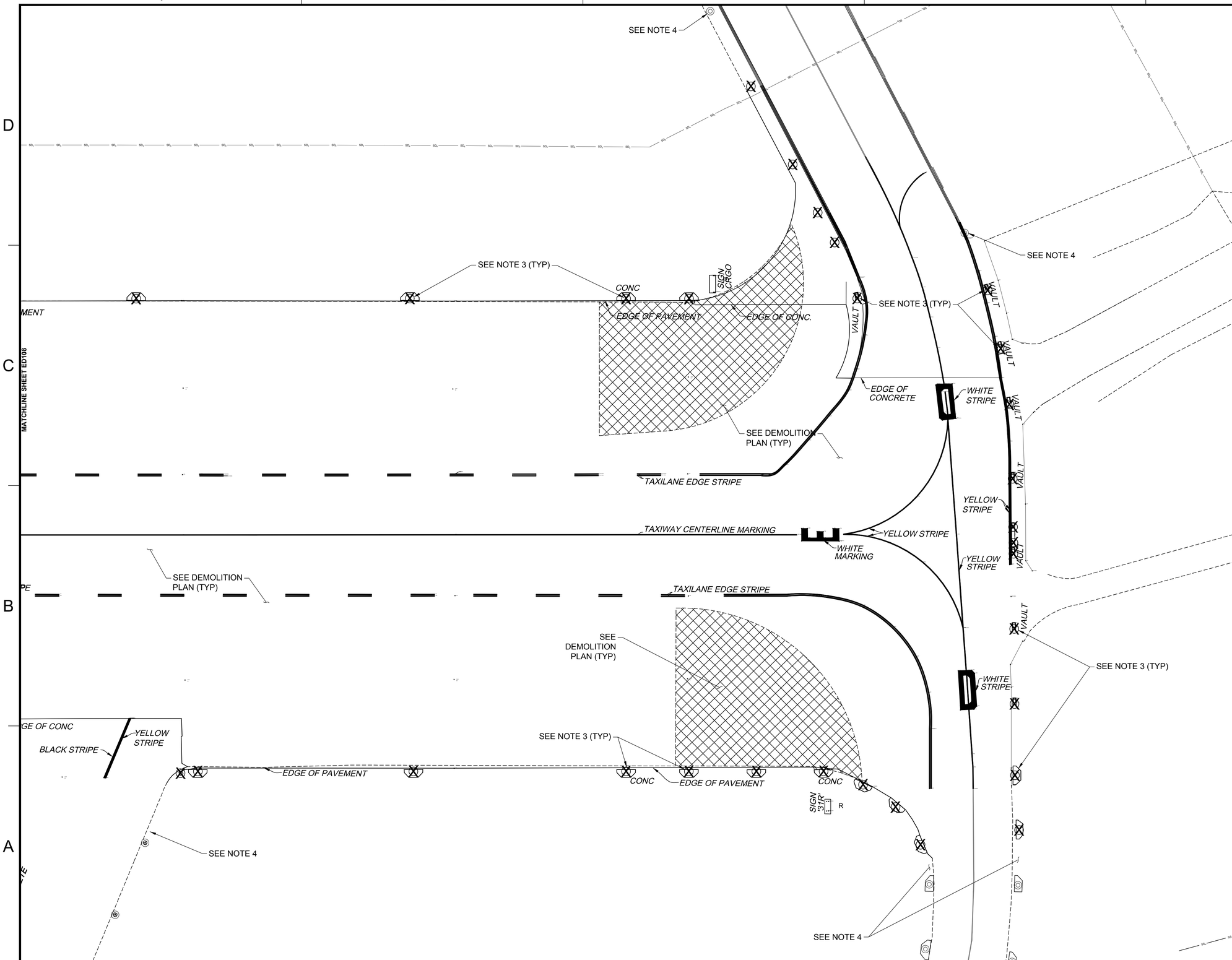
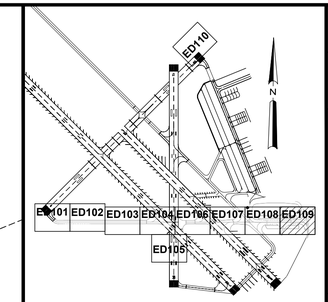
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095234
SHEET 106 OF 145
ED108

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\132443-E-ED108.dwg LAYOUT NAME: ED108 PLOTTED: Tuesday, November 10, 2015 - 11:26am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

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SYM	DESCRIPTION	DATE	APPR
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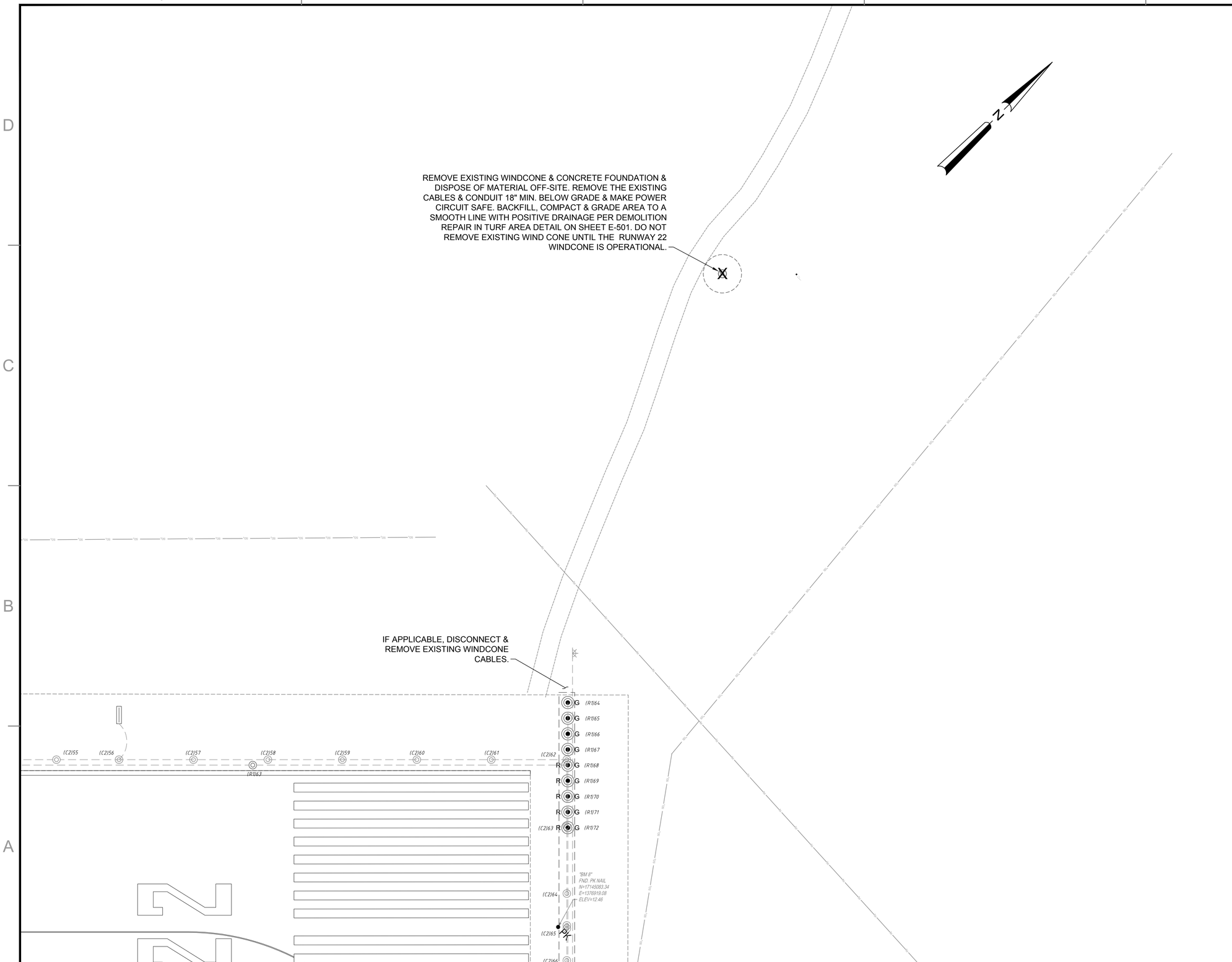
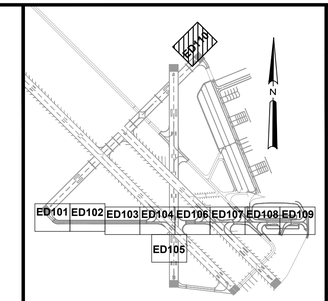
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095235
SHEET 107 OF 145
ED109

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY(E)\1302443-E-ED109.dwg LAYOUT NAME: ED109 PLOTTED: Tuesday, November 10, 2015 - 11:27am USER: mrm





KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 AIRFIELD GUIDANCE SIGN
	L-861T BASE MOUNTED MITL
	L-849 REIL (UNI-DIRECTIONAL)
	CONDUIT & CABLE
	EXISTING DUCT BANK
	DUCT BANK - BORED UNDER PAVEMENT
	DEMOLITION OF EXISTING ACC & PCC

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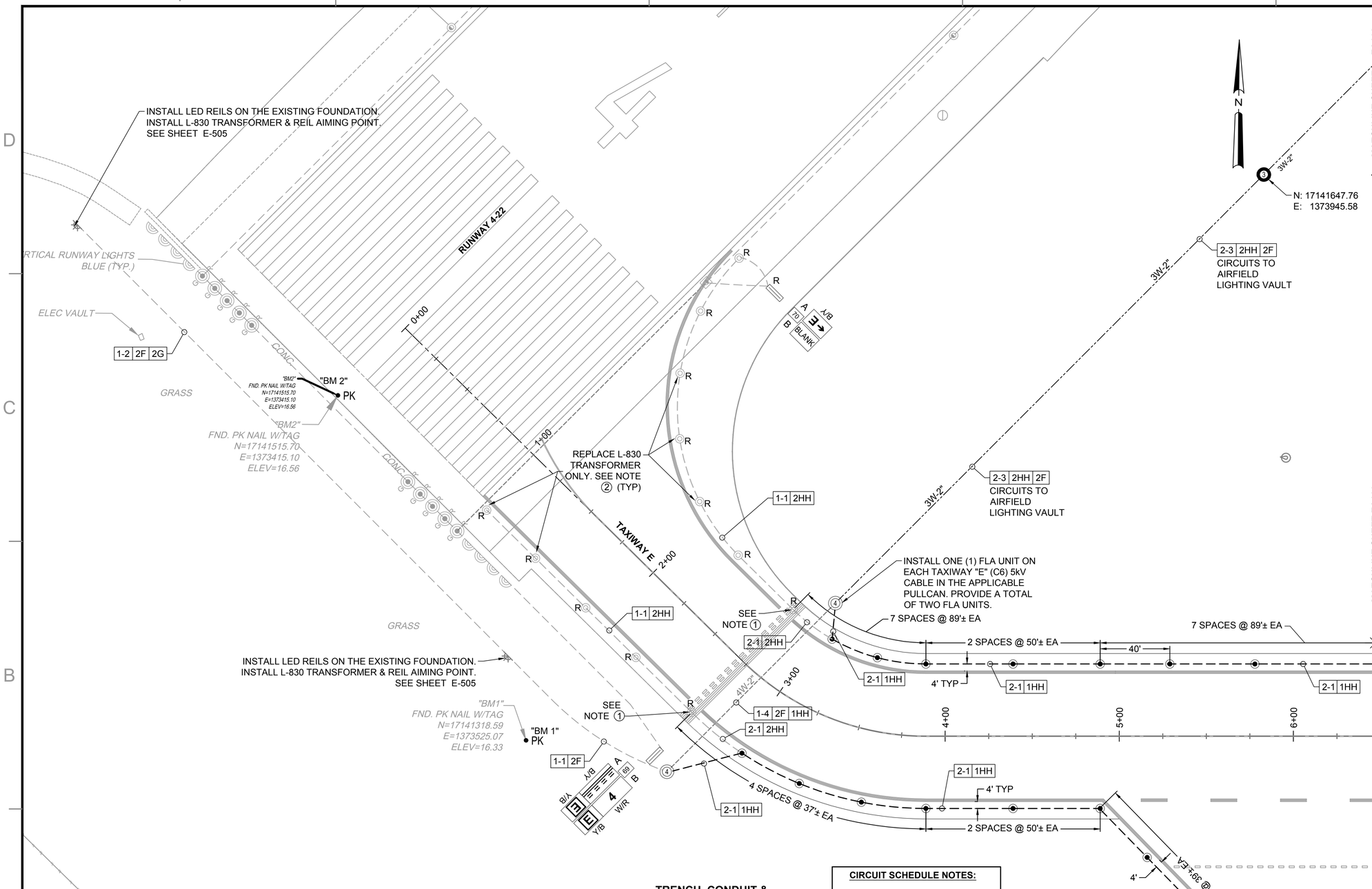
TAXIWAY 'E'
ELECTRICAL DEMOLITION PLAN

SCALE: 1"=30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095236
SHEET 108 OF 145
ED110

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY\132443-E-ED110.dwg LAYOUT NAME: ED110 PLOTTED: Tuesday, November 10, 2015 - 11:27am USER: mrm



NOTES:

1. CONNECT TO APPLICABLE RUNWAY OR TAXIWAY CIRCUIT. CONTRACTOR TO VERIFY LOCATION OF APPLICABLE CIRCUIT & ADJUST LOCATION OF THE CONDUIT TRENCH AS APPROVED BY THE CONTRACTING OFFICER. PROVIDE ADDITIONAL CONDUIT, CABLE, AND TRENCHING AS REQUIRED TO RECONNECT CIRCUIT TO THE EXISTING CIRCUIT AND/OR HOMERUN CABLES.

2. REMOVE THE EXISTING 20A/6.6A L-830 TRANSFORMER & PROVIDE A 6.6A/6.6A L-830 TRANSFORMER. REUSE EXISTING L-830 CONNECTOR KITS & PROVIDE HEAT SHRINK TUBING. THE CONTRACTOR MUST REPLACE THE EXISTING L-823 CONNECTOR KIT IF IT IS DAMAGED WHEN REPLACING THE TRANSFORMER.

TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

NUMBER OF CONDUITS — GND WIRE SIZE — CIRCUIT CODE — NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

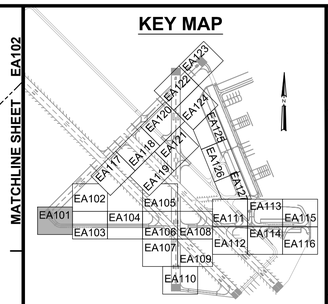
CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE		
SYM	DESCRIPTION	
1	EXISTING	
2	2" PVC	
3	2" PVC-CE	
4	2" HDPE BORE	

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
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NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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TAXIWAY 'E'
ELECTRICAL LAYOUT

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EPROJECT NO.:
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NAVFAC DRAWING NO.
15095237
SHEET 109 OF 145
EA101

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CADD_REPAIR_TWY\E1302443-E-EA101.dwg, EA101, 11/18/2015 2:15:48 PM, mrrm
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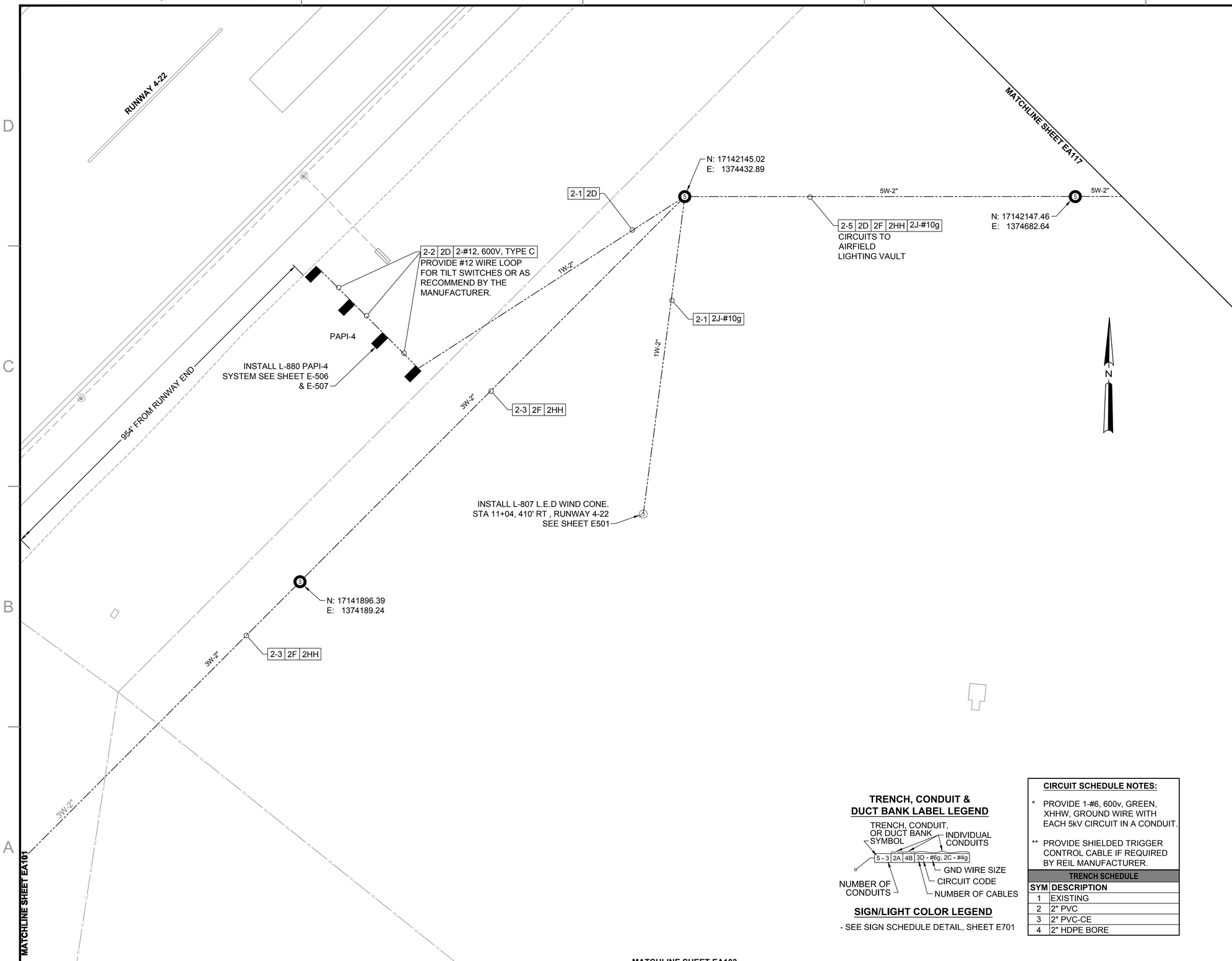
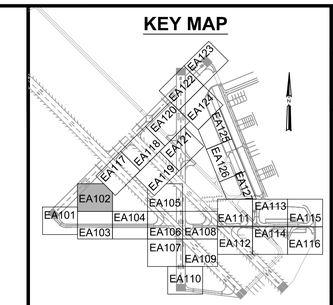


KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE
CIRCUIT CODE
NUMBER OF CONDUITS
NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
JON M. McCALMONT
100633
LICENSED PROFESSIONAL ENGINEER
6 NOV 15
SEAL

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Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltaairport.com
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095238
SHEET 110 OF 145
EA102

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWY\E\1302443-E-EA102.dwg, EA102, 11/18/2015 2:16:09 PM, mrm
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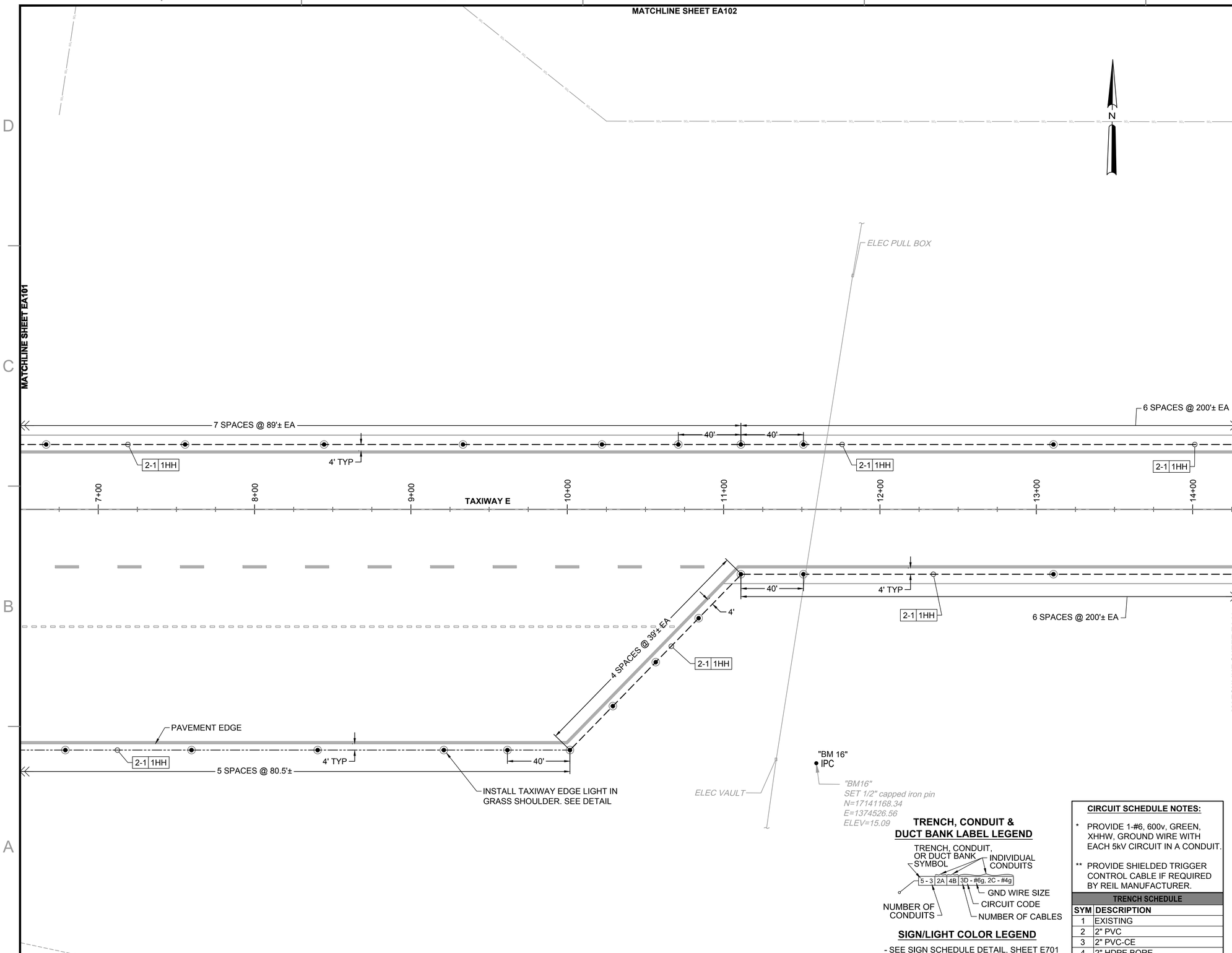
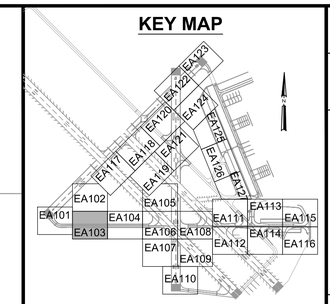


KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
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LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
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N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
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V	PAPI RUNWAY 35	#8, 5kV, TYPE C
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QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE
CIRCUIT CODE
NUMBER OF CONDUITS
NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR.
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

leidos
LEIDOS ENGINEERING, LLC
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TULSA, OK 74103

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9711 Forest Court, Suite 100
Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltoairport.com
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095239
SHEET 111 OF 145
EA103

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA103.dwg, EA103, 11/18/2015 2:16:29 PM, mrm
FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA103.dwg LAYOUT NAME: EA103 PLOTTED: Wednesday, November 18, 2015 - 2:16pm USER: mrm

NOTES:

1. CONNECT TO APPLICABLE RUNWAY OR TAXIWAY CIRCUIT. CONTRACTOR TO VERIFY LOCATION OF APPLICABLE CIRCUIT & ADJUST LOCATION OF THE CONDUIT TRENCH AS APPROVED BY THE CONTRACTING OFFICER. PROVIDE ADDITIONAL CONDUIT, CABLE, AND TRENCHING AS REQUIRED TO RECONNECT CIRCUIT TO THE EXISTING CIRCUIT AND/OR HOMERUN CABLES.

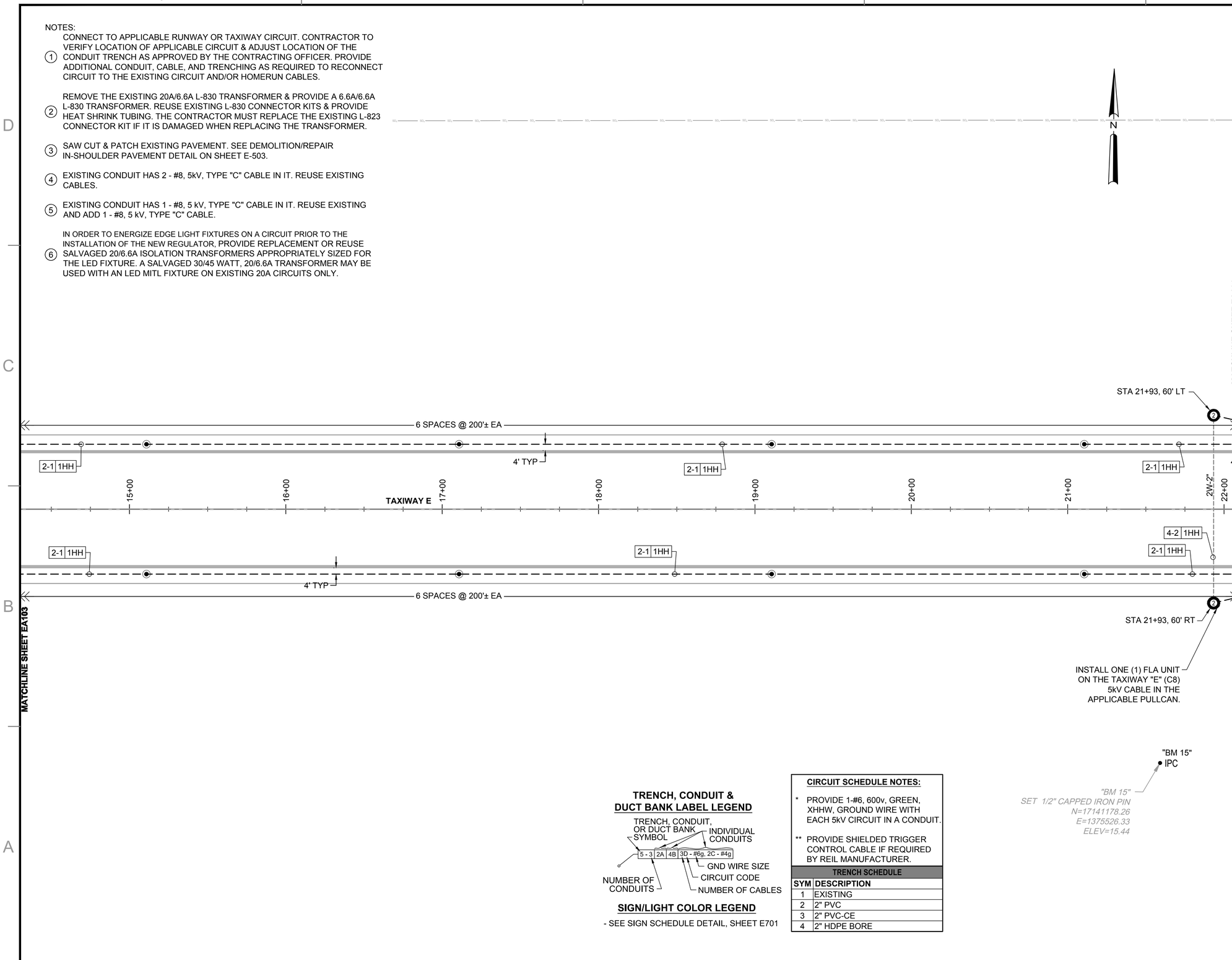
2. REMOVE THE EXISTING 20A/6.6A L-830 TRANSFORMER & PROVIDE A 6.6A/6.6A L-830 TRANSFORMER. REUSE EXISTING L-830 CONNECTOR KITS & PROVIDE HEAT SHRINK TUBING. THE CONTRACTOR MUST REPLACE THE EXISTING L-823 CONNECTOR KIT IF IT IS DAMAGED WHEN REPLACING THE TRANSFORMER.

3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION/REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-503.

4. EXISTING CONDUIT HAS 2 - #8, 5kV, TYPE "C" CABLE IN IT. REUSE EXISTING CABLES.

5. EXISTING CONDUIT HAS 1 - #8, 5 kV, TYPE "C" CABLE IN IT. REUSE EXISTING AND ADD 1 - #8, 5 kV, TYPE "C" CABLE.

6. IN ORDER TO ENERGIZE EDGE LIGHT FIXTURES ON A CIRCUIT PRIOR TO THE INSTALLATION OF THE NEW REGULATOR, PROVIDE REPLACEMENT OR REUSE SALVAGED 20/6.6A ISOLATION TRANSFORMERS APPROPRIATELY SIZED FOR THE LED FIXTURE. A SALVAGED 30/45 WATT, 20/6.6A TRANSFORMER MAY BE USED WITH AN LED MITL FIXTURE ON EXISTING 20A CIRCUITS ONLY.



TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

NUMBER OF CONDUITS — NUMBER OF CABLES — CIRCUIT CODE — GND WIRE SIZE

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

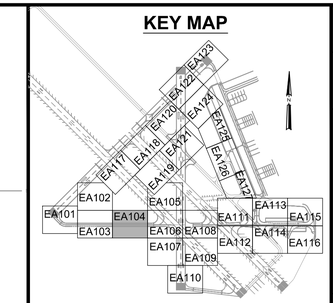
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
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CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
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R	TAXIWAY C6	#8, 5kV, TYPE C
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QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095240
SHEET 112 OF 145
EA104

DRAWFORM REVISION: 5 APRIL 2012

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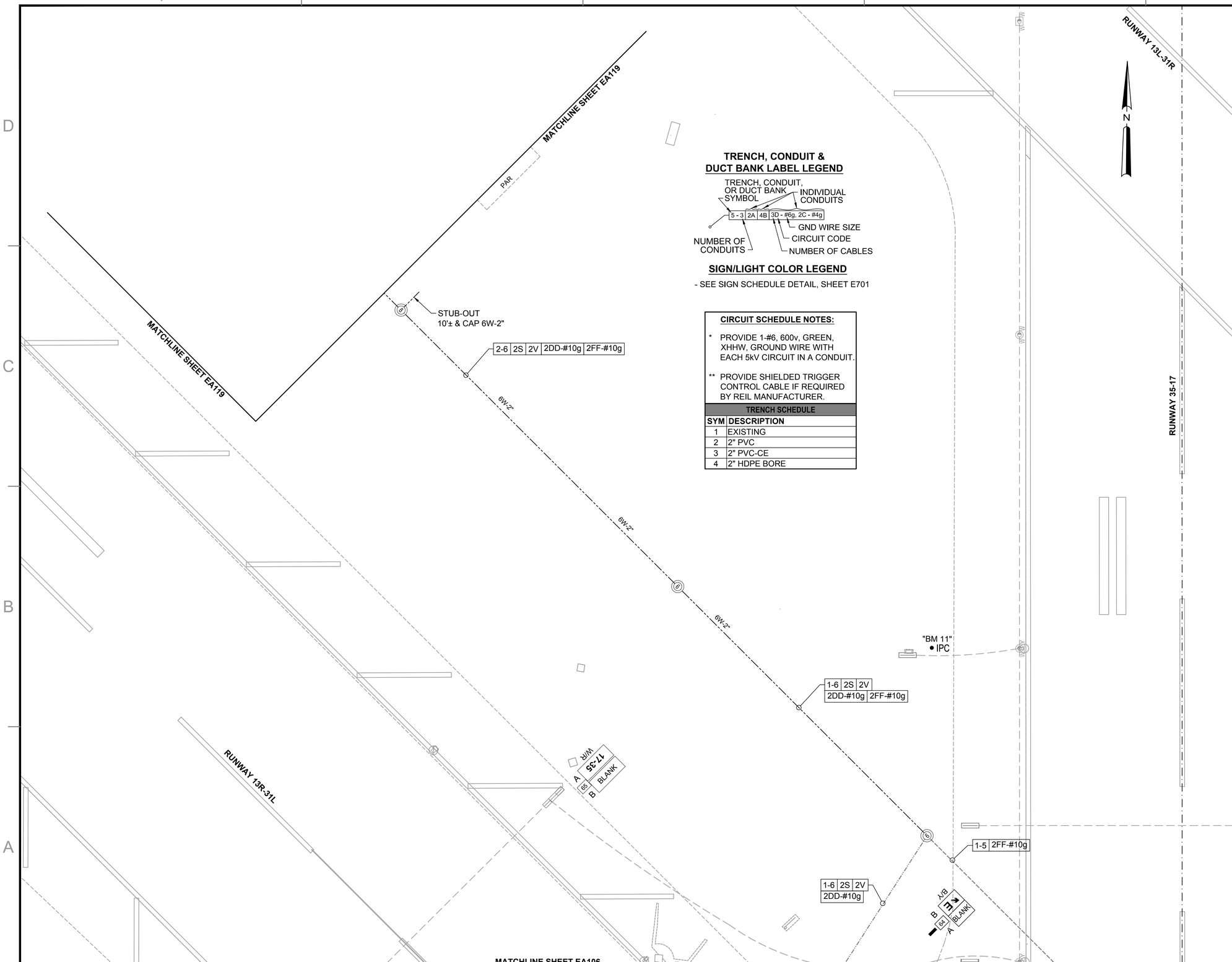


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL

INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CONDUITS

NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

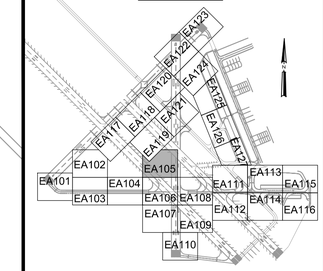
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

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SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
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#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
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Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
JON M. McCALMONT
100633
LICENSED PROFESSIONAL ENGINEER
6 NOV 15
SEAL

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TULSA, OK 74103

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Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltoairport.com
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095241
SHEET 113 OF 145
EA105

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA105.dwg, EA105, 11/18/2015 2:17:15 PM, mrm
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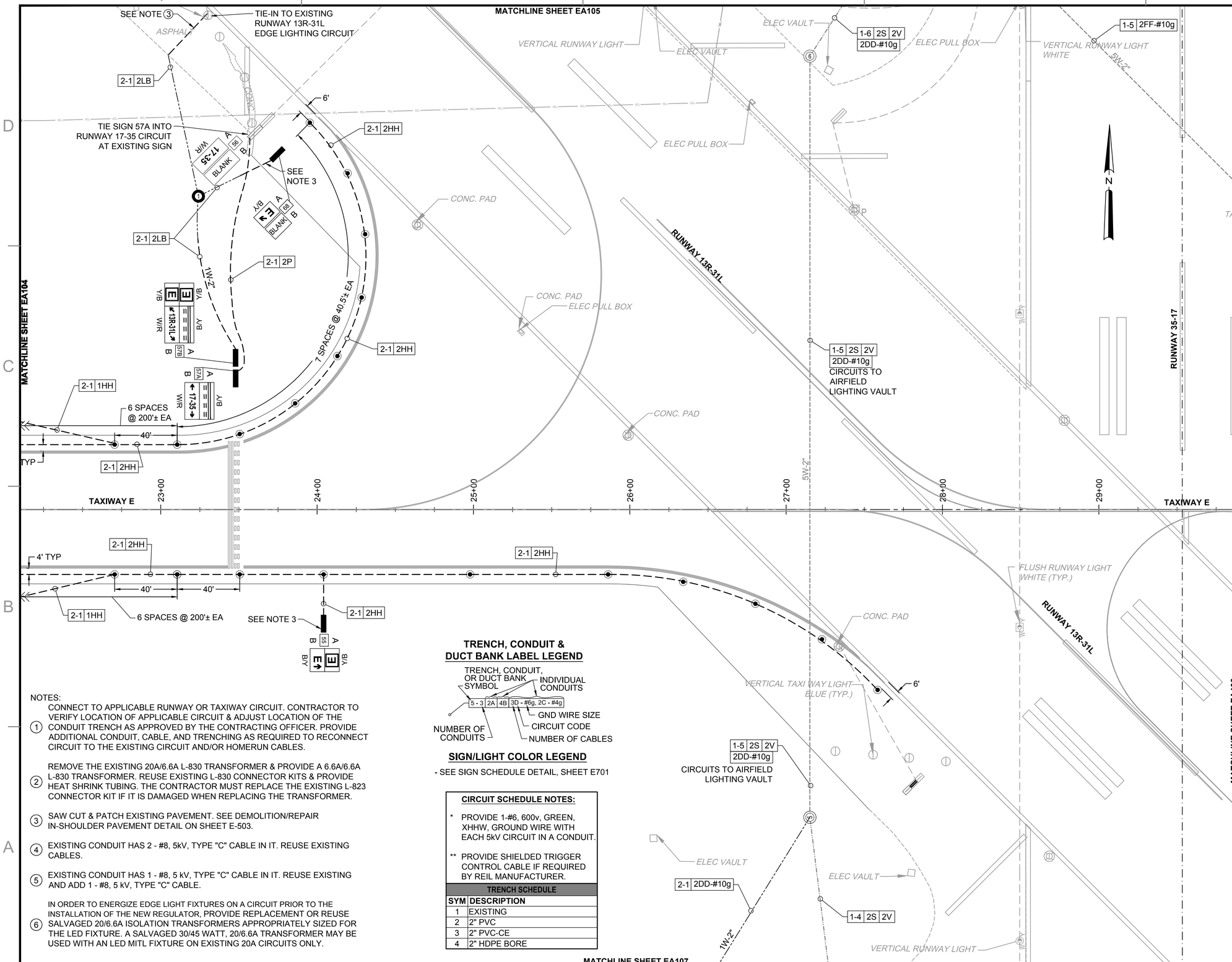


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

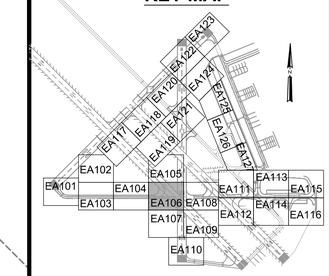
TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

NOTES:

1. CONNECT TO APPLICABLE RUNWAY OR TAXIWAY CIRCUIT. CONTRACTOR TO VERIFY LOCATION OF APPLICABLE CIRCUIT & ADJUST LOCATION OF THE CONDUIT TRENCH AS APPROVED BY THE CONTRACTING OFFICER. PROVIDE ADDITIONAL CONDUIT, CABLE, AND TRENCHING AS REQUIRED TO RECONNECT CIRCUIT TO THE EXISTING CIRCUIT AND/OR HOMERUN CABLES.
2. REMOVE THE EXISTING 20A/6.6A L-830 TRANSFORMER & PROVIDE A 6.6A/6.6A L-830 TRANSFORMER. REUSE EXISTING L-830 CONNECTOR KITS & PROVIDE HEAT SHRINK TUBING. THE CONTRACTOR MUST REPLACE THE EXISTING L-823 CONNECTOR KIT IF IT IS DAMAGED WHEN REPLACING THE TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION/REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-503.
4. EXISTING CONDUIT HAS 2 - #8, 5kV, TYPE "C" CABLE IN IT. REUSE EXISTING CABLES.
5. EXISTING CONDUIT HAS 1 - #8, 5 kV, TYPE "C" CABLE IN IT. REUSE EXISTING AND ADD 1 - #8, 5 kV, TYPE "C" CABLE.
6. IN ORDER TO ENERGIZE EDGE LIGHT FIXTURES ON A CIRCUIT PRIOR TO THE INSTALLATION OF THE NEW REGULATOR, PROVIDE REPLACEMENT OR REUSE SALVAGED 20/6.6A ISOLATION TRANSFORMERS APPROPRIATELY SIZED FOR THE LED FIXTURE. A SALVAGED 30/45 WATT, 20/6.6A TRANSFORMER MAY BE USED WITH AN LED MITL FIXTURE ON EXISTING 20A CIRCUITS ONLY.

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

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DEPARTMENT OF THE NAVY
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CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
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NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095242
SHEET 114 OF 145
EA106
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY\E\1302443-E-EA106.dwg, EA106, 11/18/2015 2:17:49 PM, mrmm
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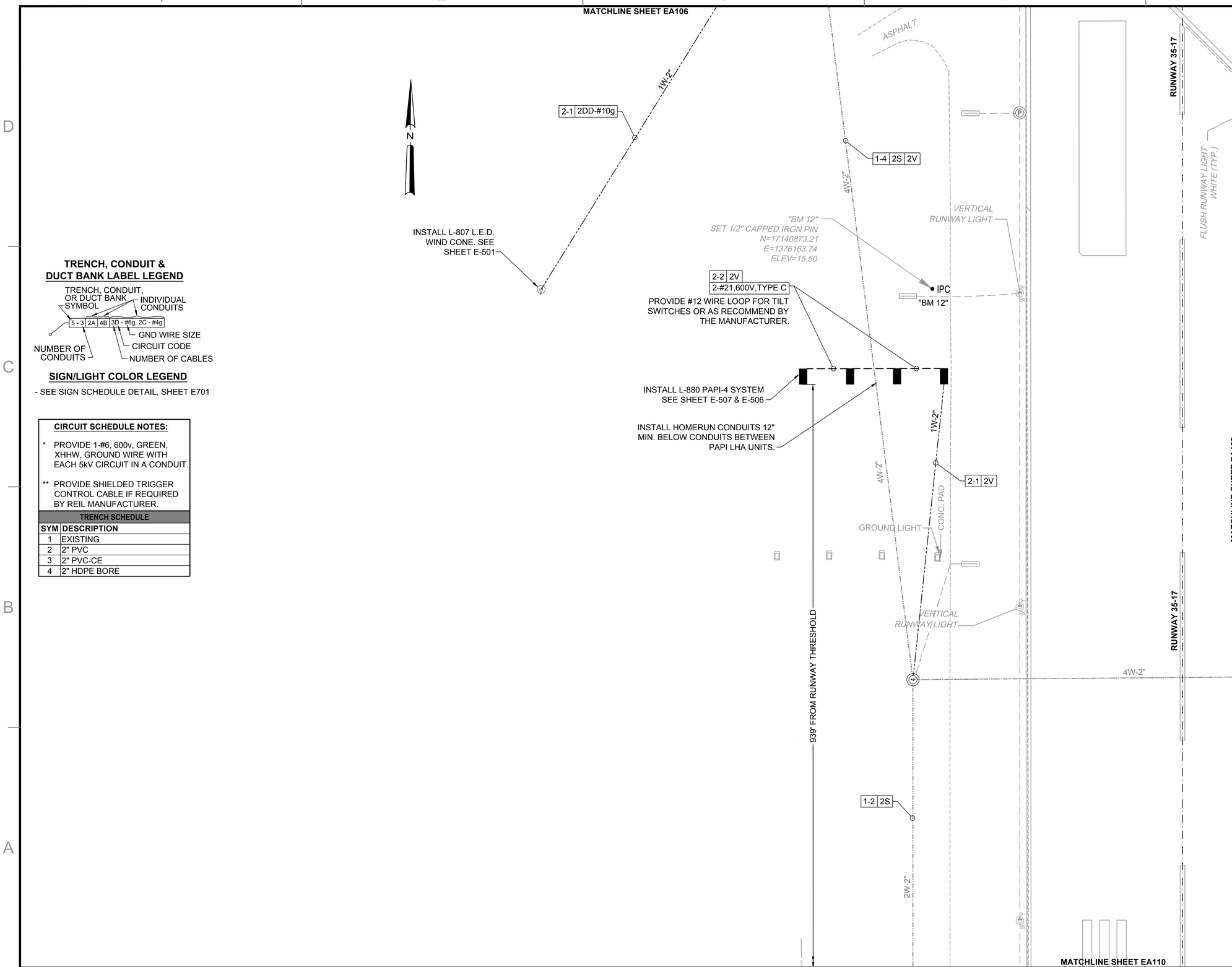


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL

INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CONDUITS

NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

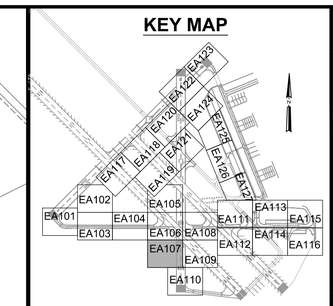
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
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NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095243
SHEET 115 OF 145
EA107

DRAWFORM REVISION: 5 APRIL 2012

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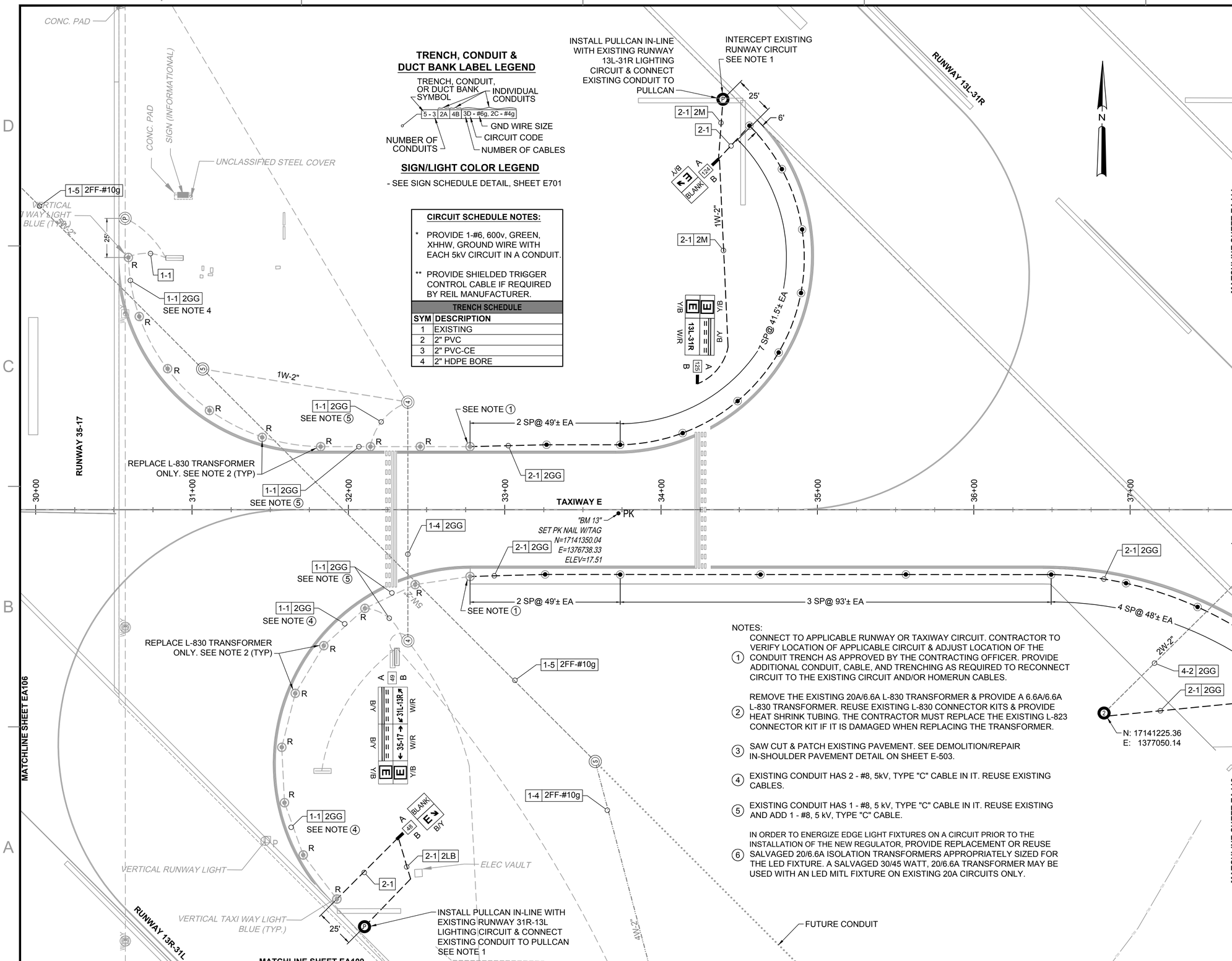


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

NUMBER OF CONDUITS — GND WIRE SIZE — CIRCUIT CODE — NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

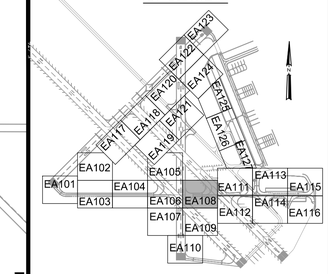
** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE	
SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

NOTES:

1. CONNECT TO APPLICABLE RUNWAY OR TAXIWAY CIRCUIT. CONTRACTOR TO VERIFY LOCATION OF APPLICABLE CIRCUIT & ADJUST LOCATION OF THE CONDUIT TRENCH AS APPROVED BY THE CONTRACTING OFFICER. PROVIDE ADDITIONAL CONDUIT, CABLE, AND TRENCHING AS REQUIRED TO RECONNECT CIRCUIT TO THE EXISTING CIRCUIT AND/OR HOMERUN CABLES.
2. REMOVE THE EXISTING 20A/6.6A L-830 TRANSFORMER & PROVIDE A 6.6A/6.6A L-830 TRANSFORMER. REUSE EXISTING L-830 CONNECTOR KITS & PROVIDE HEAT SHRINK TUBING. THE CONTRACTOR MUST REPLACE THE EXISTING L-823 CONNECTOR KIT IF IT IS DAMAGED WHEN REPLACING THE TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION/REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-503.
4. EXISTING CONDUIT HAS 2 - #8, 5kV, TYPE "C" CABLE IN IT. REUSE EXISTING CABLES.
5. EXISTING CONDUIT HAS 1 - #8, 5 kV, TYPE "C" CABLE IN IT. REUSE EXISTING AND ADD 1 - #8, 5 kV, TYPE "C" CABLE.
6. IN ORDER TO ENERGIZE EDGE LIGHT FIXTURES ON A CIRCUIT PRIOR TO THE INSTALLATION OF THE NEW REGULATOR, PROVIDE REPLACEMENT OR REUSE SALVAGED 20/6.6A ISOLATION TRANSFORMERS APPROPRIATELY SIZED FOR THE LED FIXTURE. A SALVAGED 30/45 WATT, 20/6.6A TRANSFORMER MAY BE USED WITH AN LED MITL FIXTURE ON EXISTING 20A CIRCUITS ONLY.

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING — REMOVE — PROVIDE — REPLACE (R) — ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
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II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAS CORPUS CHRISTI
NAVAL AIR STATION JACKSONVILLE
CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095244
SHEET 116 OF 145
EA108

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWY\E\1302443-E-EA108.dwg, EA108, 11/18/2015 2:18:22 PM, mrm
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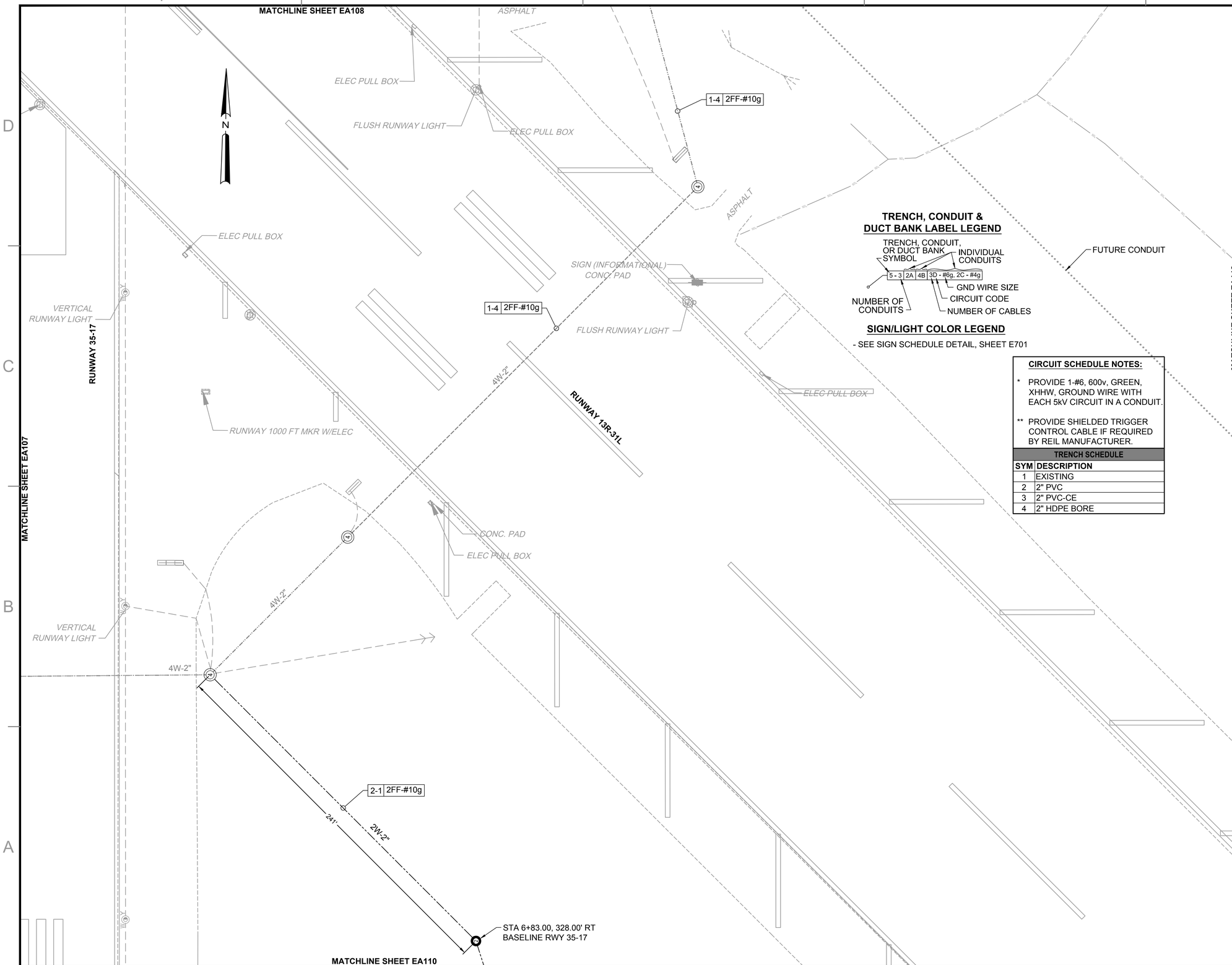


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL

INDIVIDUAL CONDUITS

5 - 3	2A	4B	3D - #6g, 2C - #4g

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CONDUITS

NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

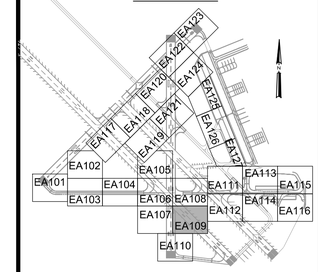
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
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II	TAXIWAY C9	#8, 5kV, TYPE C
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KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
JON M. McCALMONT
100633
LICENSED PROFESSIONAL ENGINEER
6 NOV 15
SEAL

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LEIDOS ENGINEERING, LLC
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9711 Ferrar Court, Suite 100
Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltaairport.com
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBIL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095245
SHEET 117 OF 145
EA109
DRAWFORM REVISION: 5 APRIL 2012

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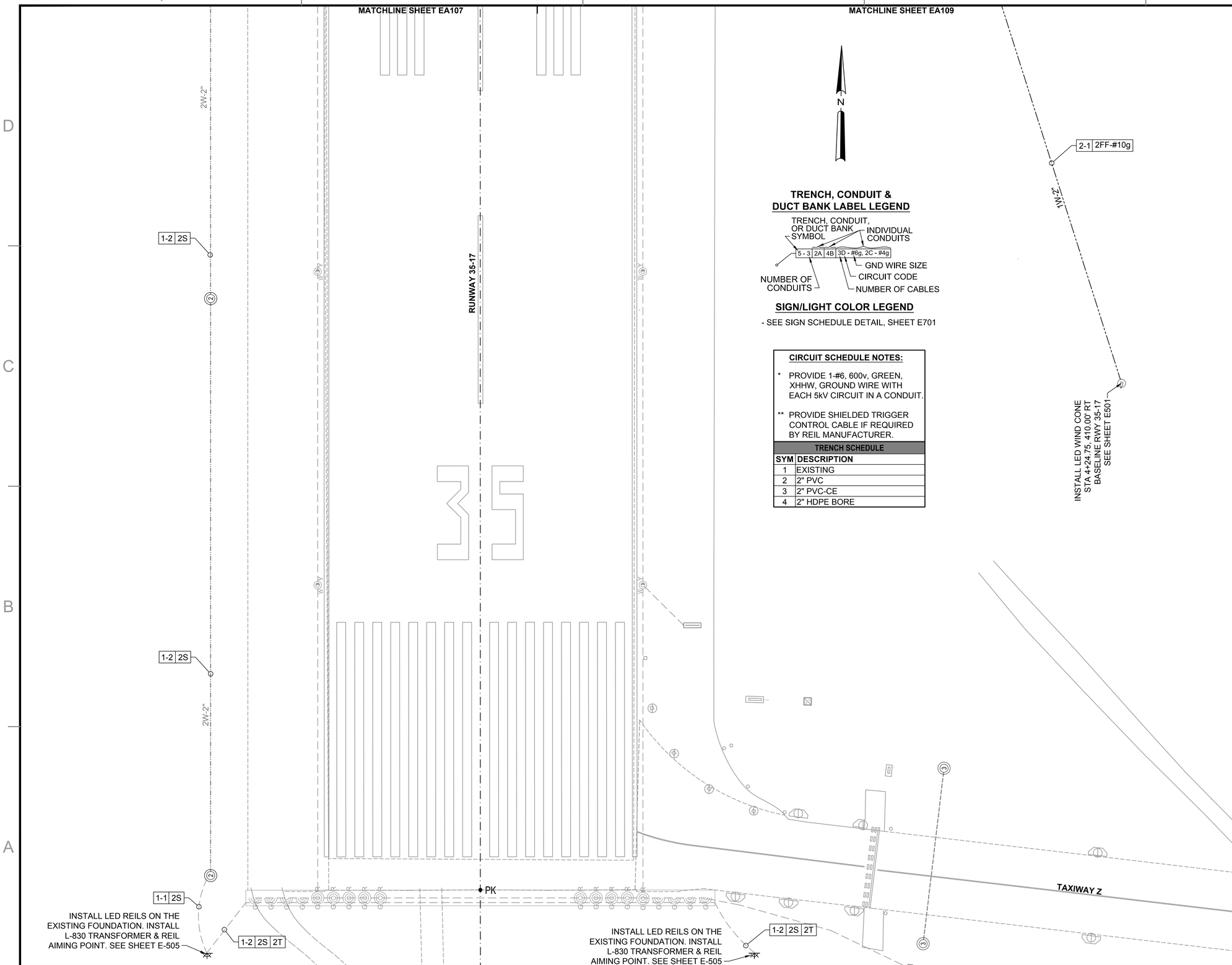


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

- NUMBER OF CONDUITS
- GND WIRE SIZE
- CIRCUIT CODE
- NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

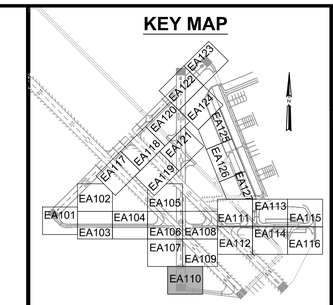
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE (R) | ADJUST (A)

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	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
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E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
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M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
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R	TAXIWAY C6	#8, 5kV, TYPE C
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X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
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CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
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GG	TAXIWAY C7	#8, 5kV, TYPE C
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KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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TULSA, OK 74103

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Delta Project No. 14072 A/E INFO

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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095246
SHEET 118 OF 145
EA110

DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA110.dwg, EA110, 11/18/2015 2:19:00 PM, mmm
FILE NAME: N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA110.dwg LAYOUT NAME: EA110 PLOTTED: Wednesday, November 18, 2015 - 2:19pm USER: mmm

NOTES:

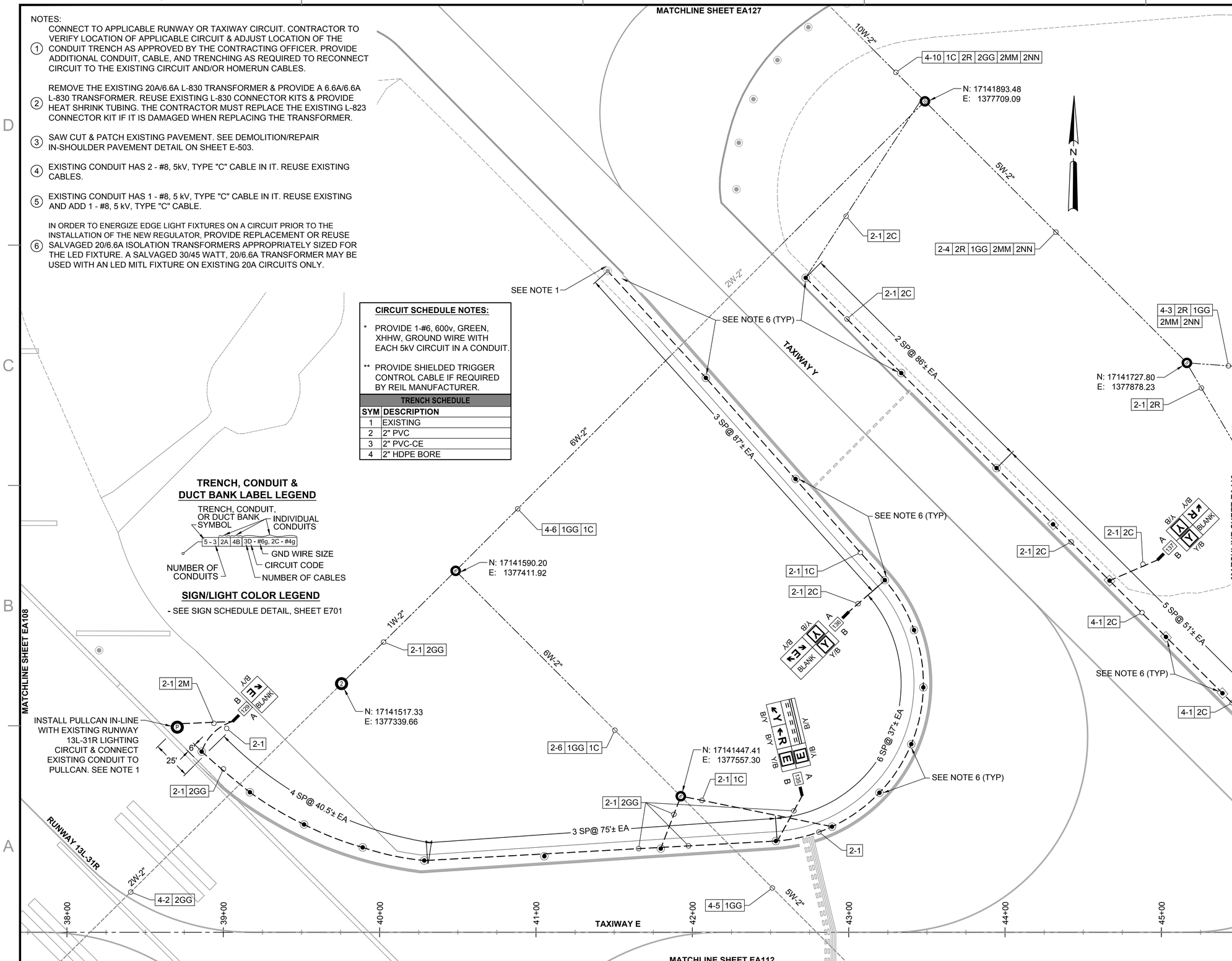
1. CONNECT TO APPLICABLE RUNWAY OR TAXIWAY CIRCUIT. CONTRACTOR TO VERIFY LOCATION OF APPLICABLE CIRCUIT & ADJUST LOCATION OF THE CONDUIT TRENCH AS APPROVED BY THE CONTRACTING OFFICER. PROVIDE ADDITIONAL CONDUIT, CABLE, AND TRENCHING AS REQUIRED TO RECONNECT CIRCUIT TO THE EXISTING CIRCUIT AND/OR HOMERUN CABLES.
2. REMOVE THE EXISTING 20A/6.6A L-830 TRANSFORMER & PROVIDE A 6.6A/6.6A L-830 TRANSFORMER. REUSE EXISTING L-830 CONNECTOR KITS & PROVIDE HEAT SHRINK TUBING. THE CONTRACTOR MUST REPLACE THE EXISTING L-823 CONNECTOR KIT IF IT IS DAMAGED WHEN REPLACING THE TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION/REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-503.
4. EXISTING CONDUIT HAS 2 - #8, 5kV, TYPE "C" CABLE IN IT. REUSE EXISTING CABLES.
5. EXISTING CONDUIT HAS 1 - #8, 5 kV, TYPE "C" CABLE IN IT. REUSE EXISTING AND ADD 1 - #8, 5 kV, TYPE "C" CABLE.
6. IN ORDER TO ENERGIZE EDGE LIGHT FIXTURES ON A CIRCUIT PRIOR TO THE INSTALLATION OF THE NEW REGULATOR, PROVIDE REPLACEMENT OR REUSE SALVAGED 20/6.6A ISOLATION TRANSFORMERS APPROPRIATELY SIZED FOR THE LED FIXTURE. A SALVAGED 30/45 WATT, 20/6.6A TRANSFORMER MAY BE USED WITH AN LED MITL FIXTURE ON EXISTING 20A CIRCUITS ONLY.

CIRCUIT SCHEDULE NOTES:

* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE	
SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE



TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE — CIRCUIT CODE — NUMBER OF CONDUITS — NUMBER OF CABLES

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

KEY MAP

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	PROVIDE	REPLACE	ADJUST
	X		R	A

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

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*	EMPTY CONDUIT	

NOTE:
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30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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Delta Project No. 14072 A/E INFO

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CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095247
SHEET 119 OF 145
EA111

DRAWFORM REVISION: 5 APRIL 2012

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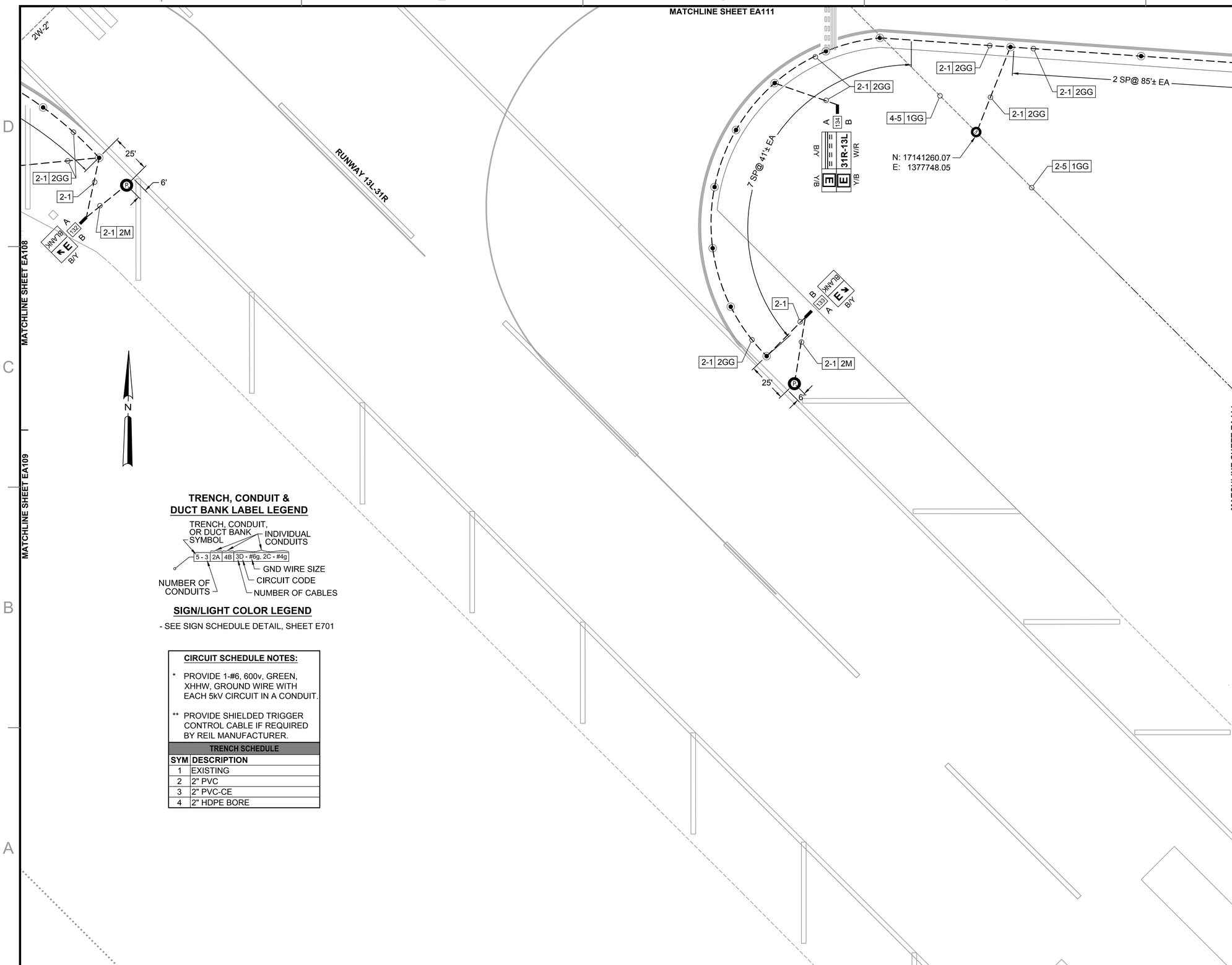

TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

- GND WIRE SIZE
- CIRCUIT CODE
- NUMBER OF CABLES
- NUMBER OF CONDUITS

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

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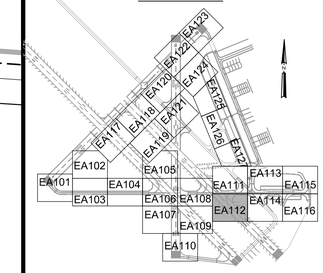
KEY MAP



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SYMBOL	DESCRIPTION
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R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
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	CONDUIT TRENCHED IN PAVEMENT
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I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC | DRW MRM | CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095248
SHEET 120 OF 145
EA112
DRAWFORM REVISION: 5 APRIL 2012

N:\14072\04 CAD_REPAIR_TWYE\1302443-E-EA112.dwg, EA112, 11/18/2015 2:19:41 PM, mrm
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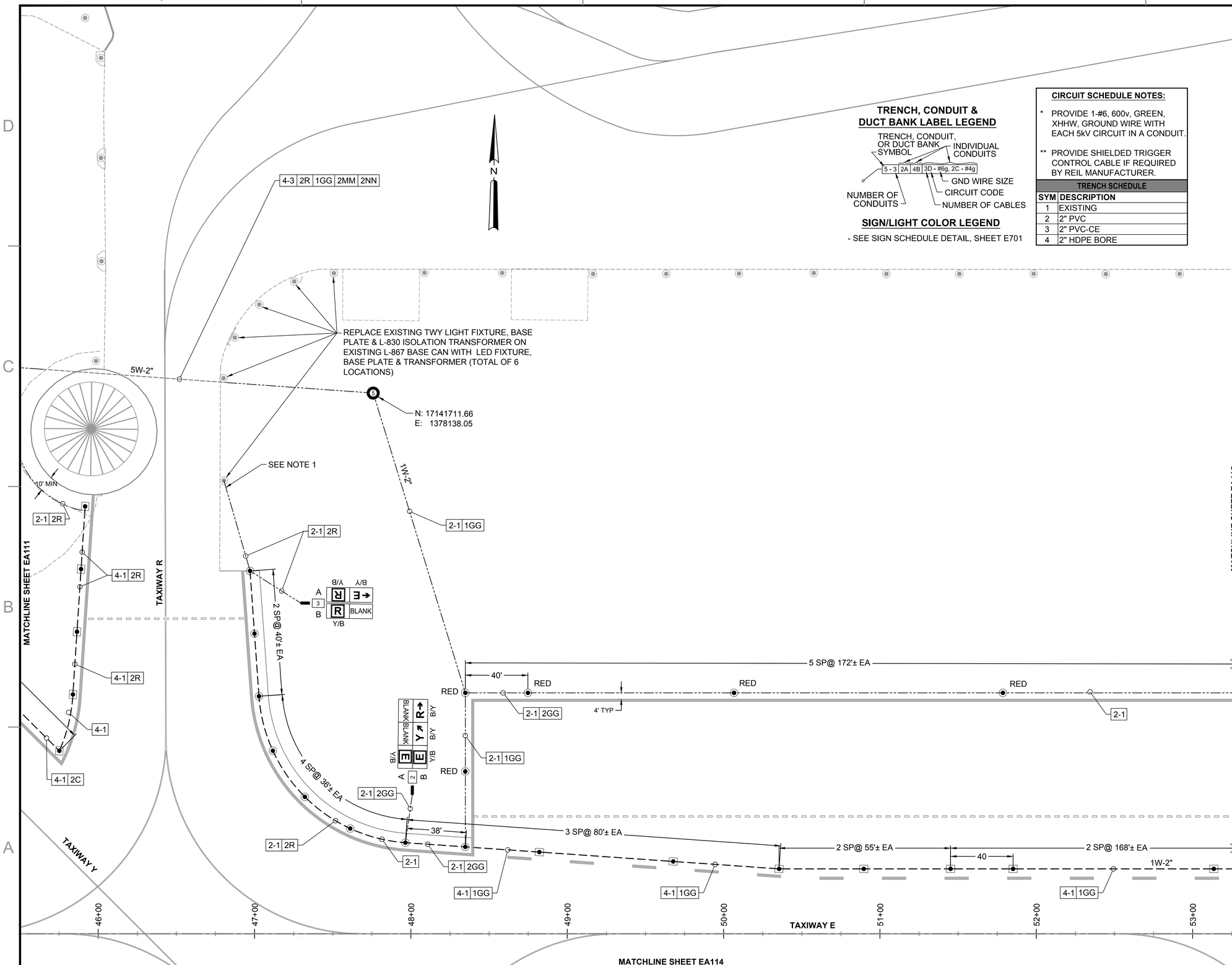


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE
CIRCUIT CODE
NUMBER OF CABLES
NUMBER OF CONDUITS

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

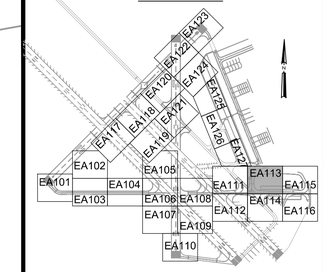
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
II	TAXIWAY C9	#8, 5kV, TYPE C
JJ	TAXIWAY C10	#8, 5kV, TYPE C
KK	TAXIWAY C11	#8, 5kV, TYPE C
LL	TAXIWAY C12	#8, 5kV, TYPE C
MM	TAXIWAY C13	#8, 5kV, TYPE C
NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR.
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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Delta Project No. 14072 A/E INFO

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PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBIL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095249
SHEET 121 OF 145
EA113

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD_REPAIR_TWY\E\1302443-E-EA113.dwg, EA113, 11/18/2015 2:19:59 PM, mrm
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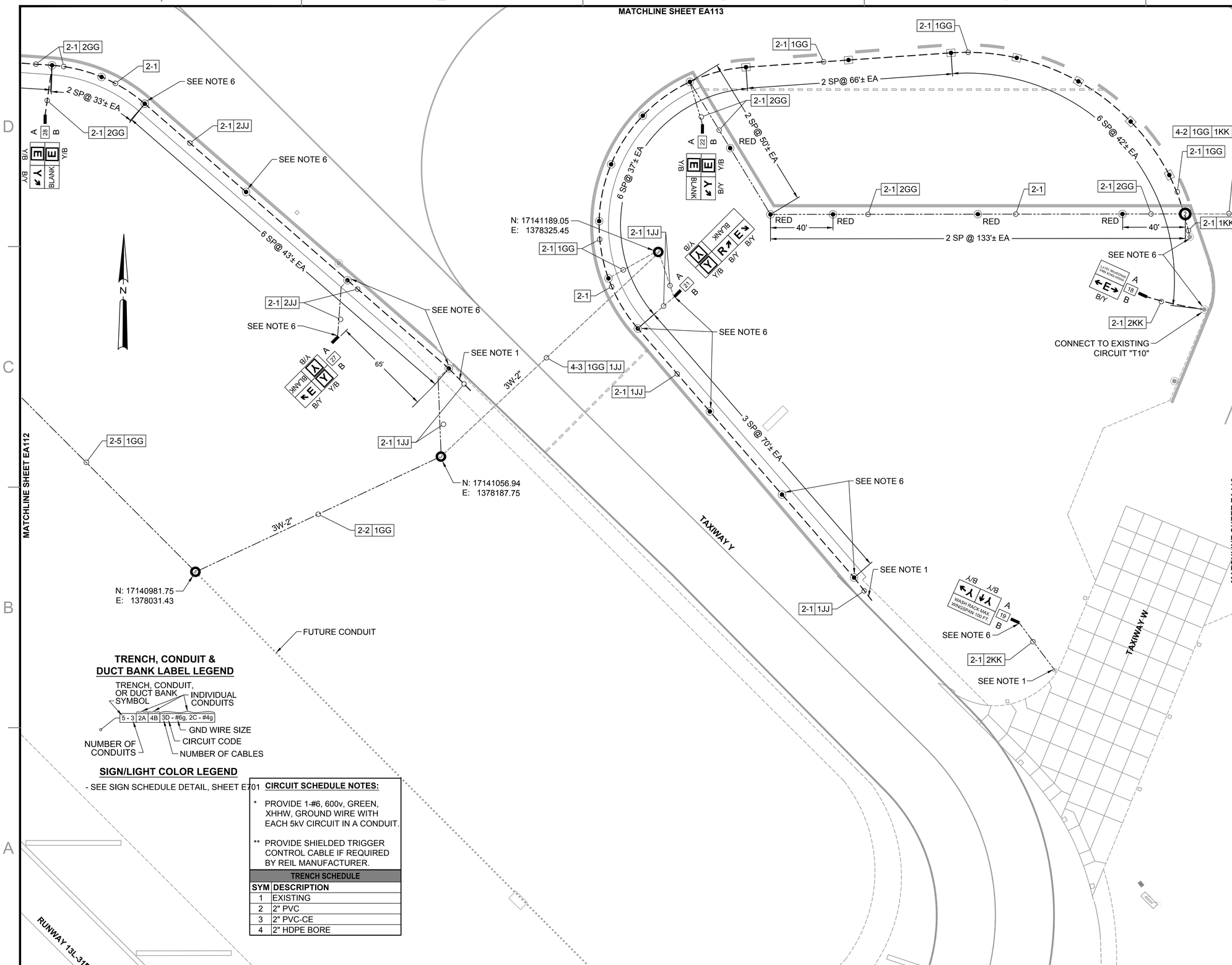


TRENCH, CONDUIT & DUCT BANK LABEL LEGEND

TRENCH, CONDUIT, OR DUCT BANK SYMBOL — INDIVIDUAL CONDUITS

5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

GND WIRE SIZE — CIRCUIT CODE — NUMBER OF CABLES — NUMBER OF CONDUITS

SIGN/LIGHT COLOR LEGEND

- SEE SIGN SCHEDULE DETAIL, SHEET E701

CIRCUIT SCHEDULE NOTES:

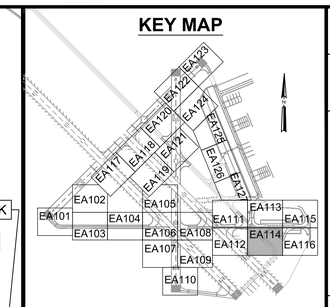
* PROVIDE 1-#6, 600v, GREEN, XHHW, GROUND WIRE WITH EACH 5kV CIRCUIT IN A CONDUIT.

** PROVIDE SHIELDED TRIGGER CONTROL CABLE IF REQUIRED BY REIL MANUFACTURER.

TRENCH SCHEDULE

SYM	DESCRIPTION
1	EXISTING
2	2" PVC
3	2" PVC-CE
4	2" HDPE BORE

KEY MAP



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | PROVIDE | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	L-852T(L) IN-PAVEMENT MITL
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
P	FUTURE L-867 ELECTRICAL PULLCAN
	L-849 (L) REIL (UNI-DIRECTIONAL)
	CONDUIT TRENCHED IN PAVEMENT
	CONDUIT TRENCHED IN TURF
	CONDUIT BORED UNDER PAVEMENT
	FUTURE ELECTRICAL TRENCH

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
A	RUNWAY 4-22 EDGE	#8, 5kV, TYPE C
B	TAXIWAY C2 EDGE	#8, 5kV, TYPE C
C	TAXIWAY C3 EDGE	#8, 5kV, TYPE C
D	PAPI RUNWAY 4	#8, 5kV, TYPE C
E	PAPI RUNWAY 22	#8, 5kV, TYPE C
F	REIL RUNWAY 4 POWER	#8, 5kV, TYPE C
G	REIL RUNWAY 4 CONTROL	#12, 600v, TYPE C
H	REIL RUNWAY 22 POWER	#8, 5kV, TYPE C
I	REIL RUNWAY 22 CONTROL	#12, 600v, TYPE C
J	WIND CONE RUNWAY 4	#8, 600v, TYPE C
K	WIND CONE RUNWAY 17-22	#10, 600v, TYPE C
LA	RUNWAY 13R-31L NORTH	#8, 5kV, TYPE C
LB	RUNWAY 13R-31L SOUTH	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	TAXIWAY C4 EDGE	#8, 5kV, TYPE C
P	RUNWAY 17-35 EDGE	#8, 5kV, TYPE C
Q	TAXIWAY C5	#8, 5kV, TYPE C
R	TAXIWAY C6	#8, 5kV, TYPE C
S	REIL POWER RUNWAY 35	#8, 5kV, TYPE C
T	REIL CONTROL RUNWAY 35	#12, 600v, TYPE C
V	PAPI RUNWAY 35	#8, 5kV, TYPE C
X	REIL POWER RUNWAY 17	#8, 5kV, TYPE C
Y	REIL CONTROL RUNWAY 17	#12, 600v, TYPE C
Z	TAXIWAY C1	#8, 5kV, TYPE C
AA	TAXIWAY C4	#8, 5kV, TYPE C
BB	PAPI RUNWAY 17	#8, 5kV, TYPE C
CC	TAXIWAY C11	#8, 5kV, TYPE C
DD	WIND CONE RUNWAY 35	#8, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#8, 600v, TYPE C
GG	TAXIWAY C7	#8, 5kV, TYPE C
HH	TAXIWAY C8	#8, 5kV, TYPE C
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NN	TAXIWAY C14	#8, 5kV, TYPE C
PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

NOTE:
SPARE CONDUITS PROVIDED FOR FUTURE USE.

30 0 30 60
SCALE: 1"=30' FEET

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS — JON M. McCALMONT — 100633 — LICENSED PROFESSIONAL ENGINEER — 6 NOV 15 — SEAL

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CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXIWAY 'E'
ELECTRICAL LAYOUT

SCALE: 1"=30"
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095250
SHEET 122 OF 145
EA114

DRAWFORM REVISION: 5 APRIL 2012

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