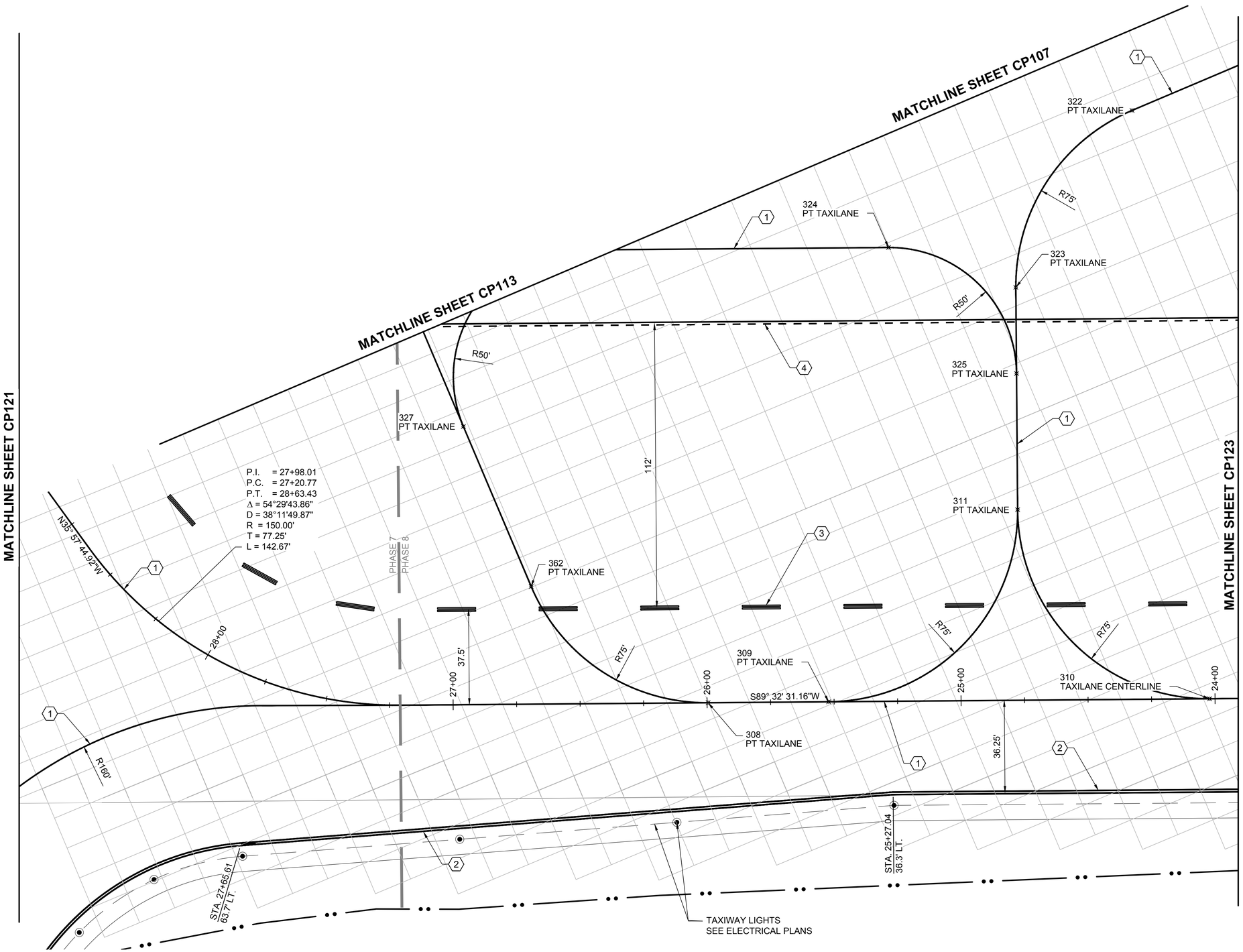

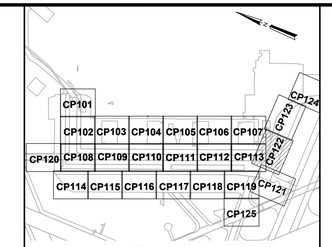

KEY MAP
N.T.S.

SCALE: 1"=20' (20 0 20 40 FEET)

NOTES:

1. SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
2. ALL STRIPING SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
3. REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITIONS OR BETTER.
4. SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
5. STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

KEY NOTES:

(1) TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 2 ON SHEET CP501.

(2) TAXIWAY EDGE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23.00 20. SEE DETAIL 3 ON SHEET CP501.

(3) TAXILANE EDGE POSITION STRIPING, (2) 15' LONG YELLOW LINES DASHED AND SPACED AT 25', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET CP501.

(4) NON-MOVEMENT BOUNDARY STRIPING, 12" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 1 ON SHEET CP501.

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11.6.15
REGISTERED PROFESSIONAL ENGINEER JOHN B. BEAN 19302 OKLAHOMA
SEAL

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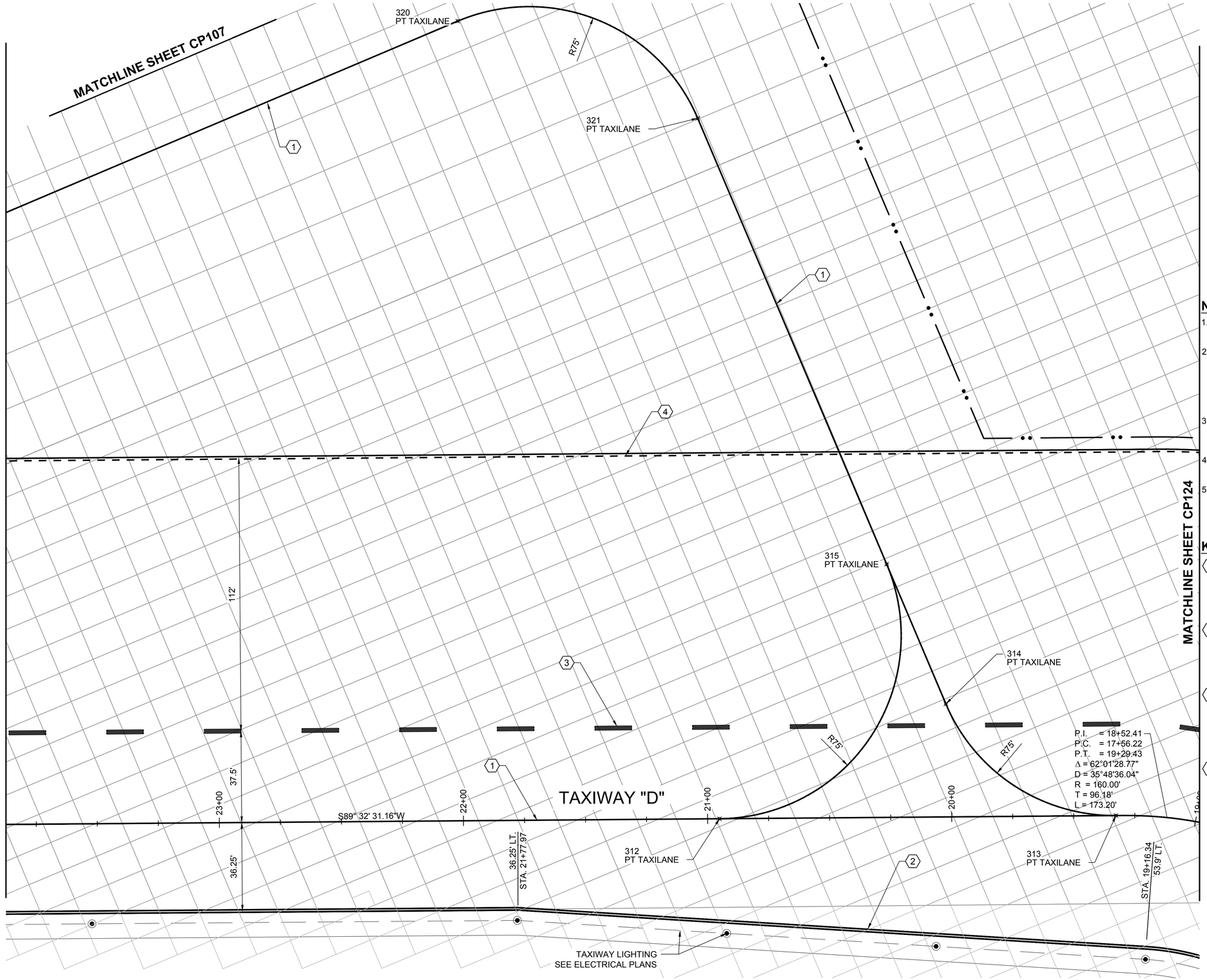
www.deltaairport.com
Delta Project No. 14072 A/E INFO

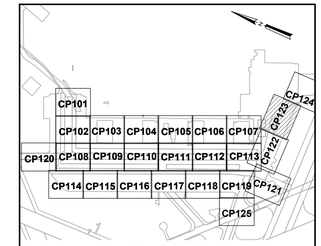
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES CLM | DRW JMJ | CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

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
MAIN PARKING APRON
STRIPING PLAN SHEET 22 OF 25

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095398
SHEET 85 OF 117
CP122
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\EC\1641-OKC\AE\205113480O_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-05X-CP122.dwg LAYOUT NAME: STRIPING PLAN SHEET 22 OF 25 PLOTTED: Monday, November 09, 2015 - 4:11pm USER: jacksonjm2





KEY MAP
N.T.S.

N

20 0 20 40
SCALE: 1"=20' FEET

NOTES:

1. SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
2. ALL STRIPING SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
3. REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITIONS OR BETTER.
4. SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
5. STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

KEY NOTES:

1. TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 2 ON SHEET CP501.
2. TAXIWAY EDGE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23.00 20. SEE DETAIL 3 ON SHEET CP501.
3. TAXILANE EDGE POSITION STRIPING, (2) 15' LONG YELLOW LINES DASHED AND SPACED AT 25', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET CP501.
4. NON-MOVEMENT BOUNDARY STRIPING, 12" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 1 ON SHEET CP501.

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

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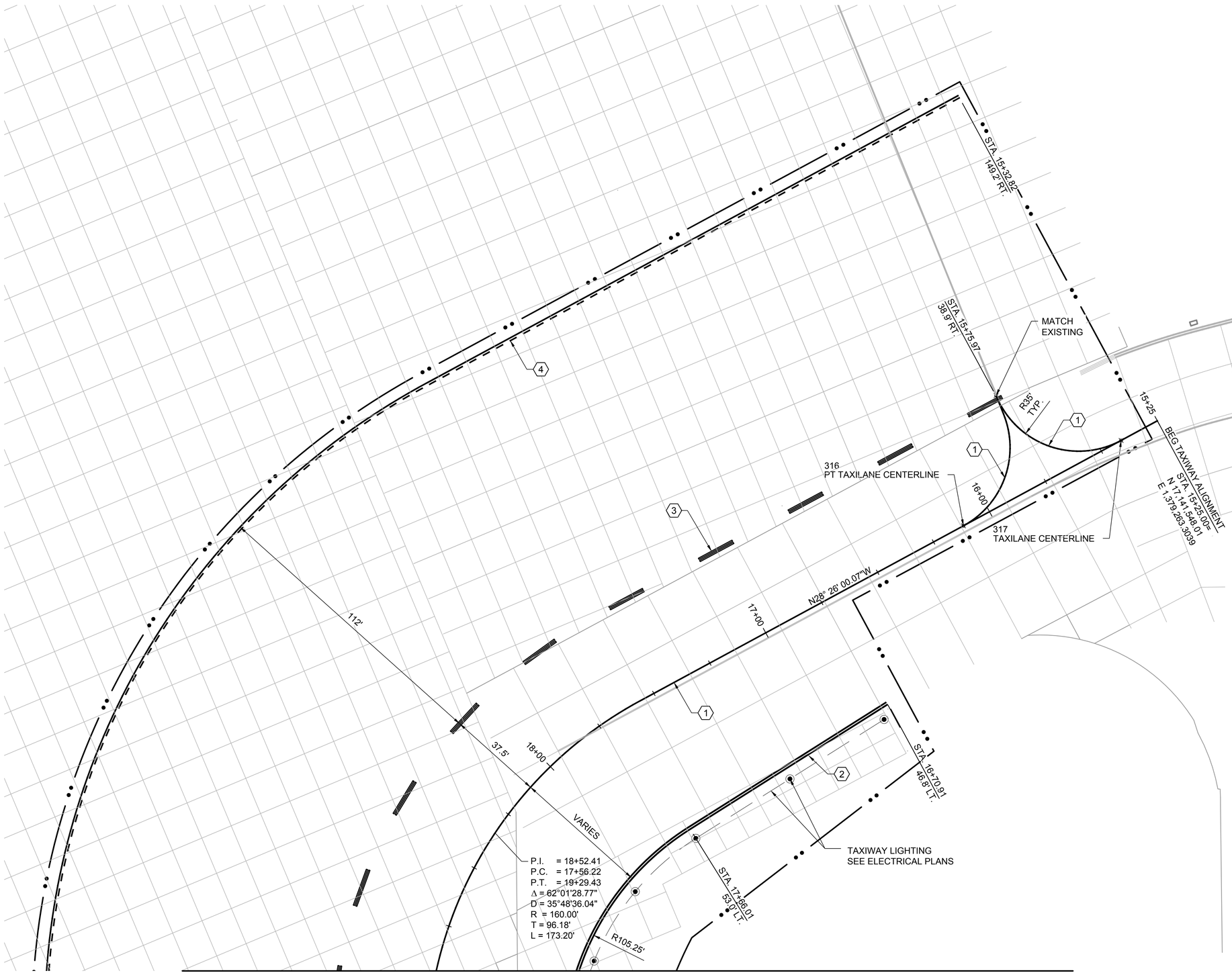
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

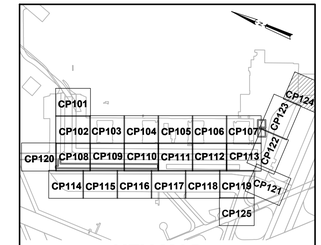
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBI, CORE:
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAS CORPUS CHRISTI
NAVAL AIR STATION JACKSONVILLE
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
STRIPING PLAN SHEET 23 OF 25

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095399
SHEET 86 OF 117
CP123
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\CO\1641--OKC\AE\2051134800_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800--GSX--CP123.dwg LAYOUT NAME: STRIPING PLAN SHEET 23 OF 25 PLOTTED: Monday, November 09, 2015 – 4:12pm USER: jacksonjm2



MATCHLINE SHEET CP123



KEY MAP
N.T.S.

N

SCALE: 1"=20'

20 0 20 40 FEET

NOTES:

1. SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
2. ALL STRIPING SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
3. REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITIONS OR BETTER.
4. SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
5. STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

KEY NOTES:

1. TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 2 ON SHEET CP501.
2. TAXIWAY EDGE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23.00 20. SEE DETAIL 3 ON SHEET CP501.
3. TAXILANE EDGE POSITION STRIPING, (2) 15' LONG YELLOW LINES DASHED AND SPACED AT 25', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 4 ON SHEET CP501.
4. NON-MOVEMENT BOUNDARY STRIPING, 12" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3', EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 1 ON SHEET CP501.

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

SEAL

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APPROVED
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ACTIVITY
SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBI: CORE
NAS CORPUS CHRISTI

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE

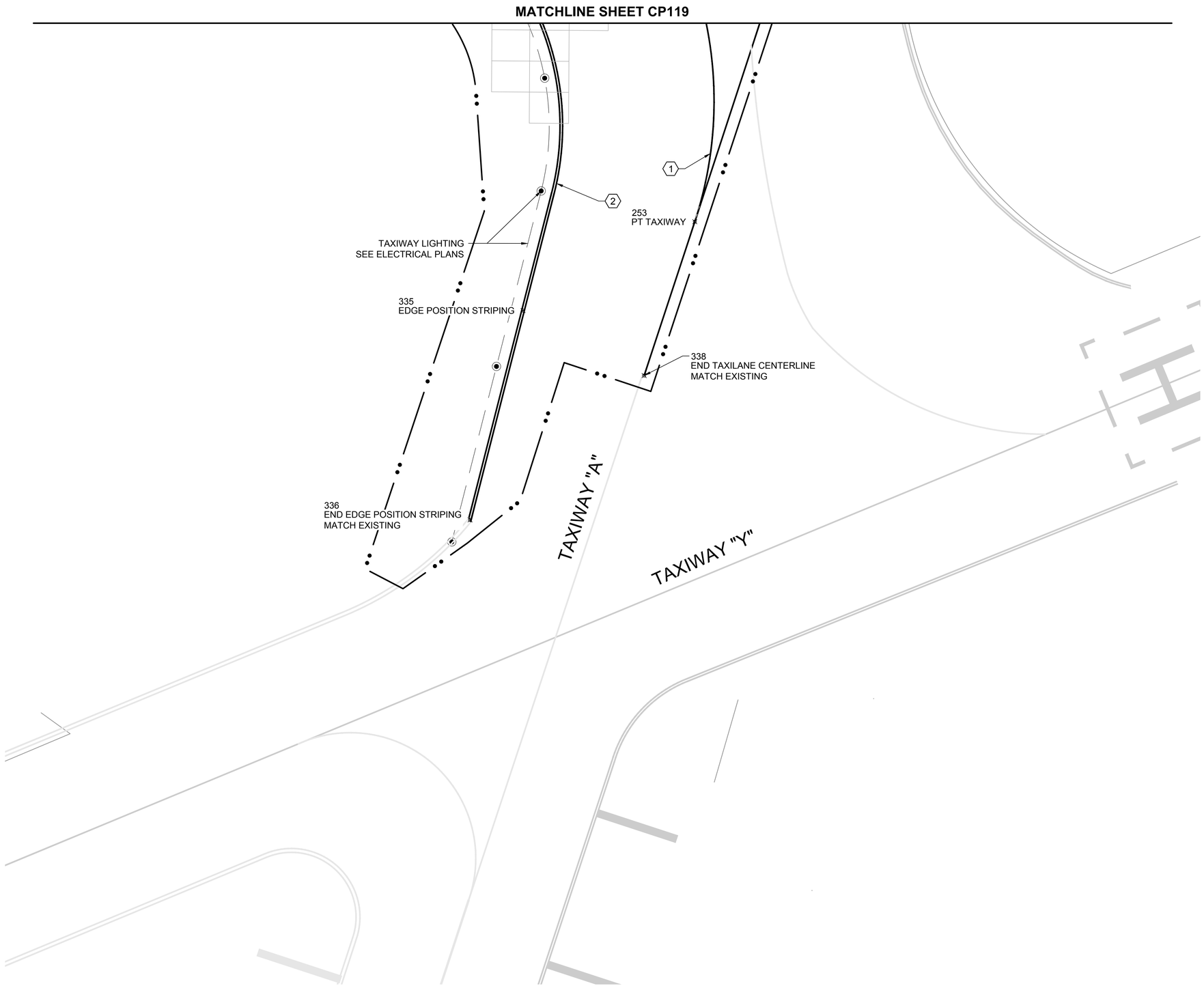
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON

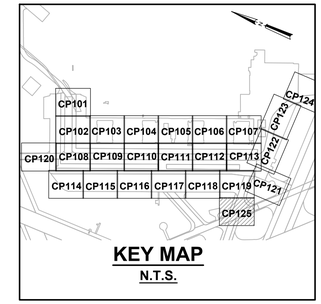
STRIPING PLAN SHEET 24 OF 25

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095400
SHEET 87 OF 117
CP124

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\EC\1641-OKC\AE\205113480_NAS_Corpus_Christi_Airfield_Report\20_DESIGN\40_CAD\C\134800-05X-CP124.dwg LAYOUT NAME: STRIPING PLAN SHEET 24 OF 25 PLOTTED: Monday, November 09, 2015 - 4:13pm USER: jacksonjm2





KEY MAP
N.T.S.

SCALE: 1"=20' (20 0 20 40 FEET)

NOTES:

1. SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
2. ALL STRIPING SHALL BE IAW THE U.S. DEPT. OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STDS. FOR AIRPORT MARKINGS, AC NO. 150/5340-1K (CURRENT STANDARD AT TIME OF BID), NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION SECTION 32 17 23.
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4. SEE SHEETS CP201 AND CP202 FOR PAVEMENT STRIPING COORDINATE TABLES.
5. STRIPING SHOWN IS FOR ULTIMATE CONDITIONS. CONSTRUCTION OF SUBSEQUENT AIRFIELD IMPROVEMENTS IS UNKNOWN, THEREFORE THE CONTRACTOR MAY BE REQUIRED TO MAKE FIELD ADJUSTMENTS TO MATCH EXISTING STRIPING.

KEY NOTES:

1. TAXIWAY/TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23. SEE DETAIL 2 ON SHEET CP501.
2. TAXIWAY EDGE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23.00 20. SEE DETAIL 3 ON SHEET CP501.

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11-6-15
REGISTERED PROFESSIONAL ENGINEER JOHN B. BEAN 19302 OKLAHOMA
SEAL

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Delta Project No. 14072 A/E INFO

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SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
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DEPARTMENT OF THE NAVY
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
MAIN PARKING APRON
STRIPING PLAN SHEET 25 OF 25

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095401
SHEET 88 OF 117
CP125

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\EGI\1641-OKC\AE\205113 4800_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-GSX-CP125.dwg LAYOUT NAME: STRIPING PLAN SHEET 25 OF 25 PLOTTED: Monday, November 09, 2015 - 4:14pm USER: jacksonjm2

NOSE WHEEL PAVEMENT STRIPING COORDINATE TABLE

NOSE WHEEL NO.	NORTHING	EASTING	DESCRIPTION
A01	17,144,452.8	1,377,483.0	NOSE WHEEL
A02	17,144,428.1	1,377,432.0	NOSE WHEEL
A03	17,144,411.5	1,377,392.4	NOSE WHEEL
A04	17,144,394.9	1,377,352.7	NOSE WHEEL
A05	17,144,378.3	1,377,313.0	NOSE WHEEL
A06	17,144,361.6	1,377,273.4	NOSE WHEEL
A07	17,144,345.0	1,377,233.7	NOSE WHEEL
A08	17,144,328.4	1,377,194.1	NOSE WHEEL
A09	17,144,311.7	1,377,154.4	NOSE WHEEL
A10	17,144,295.1	1,377,114.8	NOSE WHEEL
A11	17,144,278.5	1,377,075.1	NOSE WHEEL
A12	17,144,261.8	1,377,035.5	NOSE WHEEL
B01	17,144,339.4	1,377,530.6	NOSE WHEEL
B02	17,144,314.7	1,377,479.6	NOSE WHEEL
B03	17,144,298.1	1,377,439.9	NOSE WHEEL
B04	17,144,281.5	1,377,400.3	NOSE WHEEL
B05	17,144,264.8	1,377,360.6	NOSE WHEEL
B06	17,144,248.2	1,377,321.0	NOSE WHEEL
B07	17,144,231.6	1,377,281.3	NOSE WHEEL
B08	17,144,214.9	1,377,241.7	NOSE WHEEL
B09	17,144,198.3	1,377,202.0	NOSE WHEEL
B10	17,144,181.7	1,377,162.3	NOSE WHEEL
B11	17,144,165.0	1,377,122.7	NOSE WHEEL
B12	17,144,148.4	1,377,083.0	NOSE WHEEL
B13	17,144,131.8	1,377,043.4	NOSE WHEEL
B14	17,144,115.2	1,377,003.7	NOSE WHEEL
C01	17,144,225.9	1,377,578.1	NOSE WHEEL
C02	17,144,201.3	1,377,527.2	NOSE WHEEL
C03	17,144,184.7	1,377,487.5	NOSE WHEEL
C04	17,144,168.0	1,377,447.8	NOSE WHEEL
C05	17,144,151.4	1,377,408.2	NOSE WHEEL
C06	17,144,134.8	1,377,368.5	NOSE WHEEL
C07	17,144,118.1	1,377,328.9	NOSE WHEEL
C08	17,144,101.5	1,377,289.2	NOSE WHEEL
C09	17,144,084.9	1,377,249.6	NOSE WHEEL
C10	17,144,068.2	1,377,209.9	NOSE WHEEL
C11	17,144,051.6	1,377,170.3	NOSE WHEEL
C12	17,144,035.0	1,377,130.6	NOSE WHEEL
C13	17,144,018.4	1,377,091.0	NOSE WHEEL
C14	17,144,001.7	1,377,051.3	NOSE WHEEL
D01	17,144,046.0	1,377,467.1	NOSE WHEEL
D02	17,144,021.3	1,377,416.1	NOSE WHEEL
D03	17,144,004.7	1,377,376.5	NOSE WHEEL
D04	17,143,988.1	1,377,336.8	NOSE WHEEL
D05	17,143,971.5	1,377,297.1	NOSE WHEEL

NOSE WHEEL PAVEMENT STRIPING COORDINATE TABLE

NOSE WHEEL NO.	NORTHING	EASTING	DESCRIPTION
D06	17,143,954.8	1,377,257.5	NOSE WHEEL
D07	17,143,938.2	1,377,217.8	NOSE WHEEL
D08	17,143,921.6	1,377,178.2	NOSE WHEEL
D09	17,143,904.9	1,377,138.5	NOSE WHEEL
E01	17,143,932.6	1,377,514.7	NOSE WHEEL
E02	17,143,907.9	1,377,463.7	NOSE WHEEL
E03	17,143,891.3	1,377,424.0	NOSE WHEEL
E04	17,143,874.7	1,377,384.4	NOSE WHEEL
E05	17,143,858.0	1,377,344.7	NOSE WHEEL
E06	17,143,841.4	1,377,305.1	NOSE WHEEL
E07	17,143,824.8	1,377,265.4	NOSE WHEEL
E08	17,143,808.1	1,377,225.8	NOSE WHEEL
E09	17,143,791.5	1,377,186.1	NOSE WHEEL
F01	17,143,819.2	1,377,562.2	NOSE WHEEL
F02	17,143,794.5	1,377,511.3	NOSE WHEEL
F03	17,143,777.9	1,377,471.6	NOSE WHEEL
F04	17,143,761.2	1,377,431.9	NOSE WHEEL
F05	17,143,744.6	1,377,392.3	NOSE WHEEL
F06	17,143,728.0	1,377,352.6	NOSE WHEEL
F07	17,143,711.3	1,377,313.0	NOSE WHEEL
F08	17,143,694.7	1,377,273.3	NOSE WHEEL
F09	17,143,678.1	1,377,233.7	NOSE WHEEL
G01	17,143,800.5	1,377,905.4	NOSE WHEEL
G02	17,143,783.7	1,377,865.9	NOSE WHEEL
G03	17,143,767.0	1,377,826.3	NOSE WHEEL
G04	17,143,750.2	1,377,786.7	NOSE WHEEL
G05	17,143,733.4	1,377,747.1	NOSE WHEEL
G06	17,143,716.6	1,377,707.5	NOSE WHEEL
G07	17,143,699.9	1,377,667.9	NOSE WHEEL
G08	17,143,681.4	1,377,559.5	NOSE WHEEL
G09	17,143,664.6	1,377,519.9	NOSE WHEEL
G10	17,143,647.8	1,377,480.3	NOSE WHEEL
G11	17,143,631.0	1,377,440.7	NOSE WHEEL
G12	17,143,614.3	1,377,401.1	NOSE WHEEL
G13	17,143,597.5	1,377,361.5	NOSE WHEEL
G14	17,143,580.7	1,377,321.9	NOSE WHEEL
G15	17,143,563.9	1,377,282.3	NOSE WHEEL
G16	17,143,547.2	1,377,242.7	NOSE WHEEL
H01	17,143,702.0	1,377,947.2	NOSE WHEEL
H02	17,143,685.2	1,377,907.6	NOSE WHEEL
H03	17,143,668.4	1,377,868.0	NOSE WHEEL
H04	17,143,651.7	1,377,828.4	NOSE WHEEL
H05	17,143,634.9	1,377,788.8	NOSE WHEEL
H06	17,143,618.1	1,377,749.2	NOSE WHEEL
H07	17,143,601.3	1,377,709.6	NOSE WHEEL

NOSE WHEEL PAVEMENT STRIPING COORDINATE TABLE

NOSE WHEEL NO.	NORTHING	EASTING	DESCRIPTION
H08	17,143,567.9	1,377,607.1	NOSE WHEEL
H09	17,143,551.1	1,377,567.5	NOSE WHEEL
H10	17,143,534.4	1,377,527.9	NOSE WHEEL
H11	17,143,517.6	1,377,488.3	NOSE WHEEL
H12	17,143,500.8	1,377,448.7	NOSE WHEEL
H13	17,143,484.1	1,377,409.1	NOSE WHEEL
H14	17,143,467.3	1,377,369.5	NOSE WHEEL
H16	17,143,450.5	1,377,329.9	NOSE WHEEL
H17	17,143,433.7	1,377,290.3	NOSE WHEEL
I01	17,143,450.3	1,377,645.0	NOSE WHEEL
I02	17,143,425.0	1,377,585.1	NOSE WHEEL
I03	17,143,399.6	1,377,525.3	NOSE WHEEL
I04	17,143,374.3	1,377,465.4	NOSE WHEEL
I05	17,143,349.0	1,377,405.6	NOSE WHEEL
I06	17,143,323.6	1,377,345.7	NOSE WHEEL
J01	17,143,334.2	1,377,693.7	NOSE WHEEL
J02	17,143,308.8	1,377,633.9	NOSE WHEEL
J03	17,143,283.5	1,377,574.0	NOSE WHEEL
J04	17,143,258.1	1,377,514.2	NOSE WHEEL
J05	17,143,232.8	1,377,454.3	NOSE WHEEL
J06	17,143,207.4	1,377,394.4	NOSE WHEEL
K01	17,143,217.9	1,377,742.5	NOSE WHEEL
K02	17,143,192.6	1,377,682.6	NOSE WHEEL
K03	17,143,167.2	1,377,622.8	NOSE WHEEL
K04	17,143,141.9	1,377,562.9	NOSE WHEEL
K05	17,143,116.6	1,377,503.0	NOSE WHEEL
K06	17,143,091.2	1,377,443.2	NOSE WHEEL
L01	17,143,101.8	1,377,791.2	NOSE WHEEL
L02	17,143,076.4	1,377,731.3	NOSE WHEEL
L03	17,143,051.0	1,377,671.5	NOSE WHEEL
L04	17,143,025.7	1,377,611.6	NOSE WHEEL
L05	17,143,000.4	1,377,551.8	NOSE WHEEL
L06	17,142,975.0	1,377,491.9	NOSE WHEEL
M01	17,142,985.6	1,377,839.9	NOSE WHEEL
M02	17,142,960.2	1,377,780.1	NOSE WHEEL
M03	17,142,934.9	1,377,720.2	NOSE WHEEL
M04	17,142,909.5	1,377,660.4	NOSE WHEEL
M05	17,142,884.2	1,377,600.5	NOSE WHEEL
M06	17,142,858.8	1,377,540.6	NOSE WHEEL
N01	17,142,869.4	1,377,888.7	NOSE WHEEL
N02	17,142,844.0	1,377,828.8	NOSE WHEEL
N03	17,142,818.7	1,377,768.9	NOSE WHEEL
N04	17,142,793.3	1,377,709.1	NOSE WHEEL
N05	17,142,768.0	1,377,649.2	NOSE WHEEL
N06	17,142,742.6	1,377,589.4	NOSE WHEEL

NOSE WHEEL PAVEMENT STRIPING COORDINATE TABLE

NOSE WHEEL NO.	NORTHING	EASTING	DESCRIPTION
O01	17,142,753.2	1,377,937.4	NOSE WHEEL
O02	17,142,727.8	1,377,877.5	NOSE WHEEL
O03	17,142,702.5	1,377,817.7	NOSE WHEEL
O04	17,142,677.1	1,377,757.8	NOSE WHEEL
O05	17,142,651.8	1,377,698.0	NOSE WHEEL
O06	17,142,626.4	1,377,638.1	NOSE WHEEL
P01	17,142,637.0	1,377,986.1	NOSE WHEEL
P02	17,142,611.6	1,377,926.3	NOSE WHEEL
P03	17,142,586.3	1,377,866.4	NOSE WHEEL
P04	17,142,560.9	1,377,806.6	NOSE WHEEL
P05	17,142,535.6	1,377,746.7	NOSE WHEEL
P06	17,142,510.3	1,377,686.8	NOSE WHEEL
Q01	17,142,693.8	1,378,341.2	NOSE WHEEL
Q02	17,142,668.4	1,378,281.3	NOSE WHEEL
Q03	17,142,643.1	1,378,221.5	NOSE WHEEL
Q04	17,142,617.7	1,378,161.6	NOSE WHEEL
Q05	17,142,520.8	1,378,034.8	NOSE WHEEL
Q06	17,142,495.5	1,377,975.0	NOSE WHEEL
Q07	17,142,470.1	1,377,915.1	NOSE WHEEL
Q08	17,142,444.8	1,377,855.3	NOSE WHEEL
Q09	17,142,419.4	1,377,795.4	NOSE WHEEL
Q10	17,142,394.1	1,377,735.6	NOSE WHEEL
R01	17,142,577.8	1,378,390.3	NOSE WHEEL
R02	17,142,552.4	1,378,330.5	NOSE WHEEL
R03	17,142,527.1	1,378,270.6	NOSE WHEEL
R04	17,142,501.7	1,378,210.8	NOSE WHEEL

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11-6-15
REGISTERED PROFESSIONAL ENGINEER
JOHN B. BEAN
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Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
PAVEMENT STRIPING COORDINATE TABLES

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095402
SHEET 89 OF 117
CP201
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\FRB\1641-OKC\AE\2051134800_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-05X-CP201.dwg LAYOUT NAME: PAVEMENT STRIPING COORDINATE TABLES PLOTTED: Monday, November 09, 2015 - 4:14pm USER: jacksonjm2

TAXILANE PAVEMENT STRIPING COORDINATE TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
208	17,142,213.25	1,377,656.87	PT TAXILANE
210	17,142,220.79	1,377,653.70	PT TAXILANE
211	17,142,222.44	1,377,653.01	PT TAXILANE
212	17,142,314.65	1,377,614.34	PT TAXILANE
213	17,142,338.63	1,377,604.28	PT TAXILANE
214	17,142,430.85	1,377,565.60	PT TAXILANE
215	17,142,454.83	1,377,555.55	PT TAXILANE
216	17,142,547.04	1,377,516.87	PT TAXILANE
217	17,142,571.02	1,377,506.81	PT TAXILANE
218	17,142,663.24	1,377,468.14	PT TAXILANE
219	17,142,711.18	1,377,448.03	PT TAXIWAY
221	17,142,803.42	1,377,409.35	PT TAXILANE
222	17,142,895.64	1,377,370.67	PT TAXILANE
223	17,142,922.38	1,377,359.45	PT TAXILANE
224	17,143,014.60	1,377,320.78	PT TAXILANE
225	17,143,038.57	1,377,310.72	PT TAXILANE
226	17,143,130.79	1,377,272.05	PT TAXILANE
227	17,143,154.76	1,377,261.99	PT TAXILANE
228	17,143,246.98	1,377,223.31	PT TAXILANE
229	17,143,268.19	1,377,214.42	PT TAXILANE
230	17,143,360.41	1,377,175.74	PT TAXILANE
231	17,143,381.62	1,377,166.85	PT TAXILANE
232	17,143,473.84	1,377,128.17	PT TAXILANE
233	17,143,495.05	1,377,119.27	PT TAXILANE
234	17,143,587.27	1,377,080.60	PT TAXILANE
235	17,143,608.48	1,377,071.70	PT TAXILANE
236	17,143,700.70	1,377,033.03	PT TAXILANE
237	17,143,721.91	1,377,024.13	PT TAXILANE
238	17,143,814.13	1,376,985.45	PT TAXILANE
239	17,143,835.34	1,376,976.56	PT TAXILANE
240	17,143,927.55	1,376,937.88	PT TAXILANE
241	17,143,948.76	1,376,928.99	PT TAXILANE
242	17,144,040.98	1,376,890.31	PT TAXILANE
243	17,144,062.19	1,376,881.41	PT TAXILANE
244	17,144,200.25	1,376,865.29	PT TAXILANE
245	17,144,439.92	1,377,045.11	PT TAXIWAY
246	17,144,536.50	1,377,275.70	PT TAXIWAY
251	17,142,291.56	1,378,013.72	PT TAXILANE
252	17,142,251.76	1,378,112.04	PT TAXILANE
253	17,141,991.94	1,377,522.86	PT TAXIWAY

TAXILANE PAVEMENT STRIPING COORDINATE TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
255	17,142,180.73	1,377,752.12	PT TAXILANE
256	17,142,287.95	1,377,679.95	PT TAXILANE
257	17,142,404.15	1,377,631.22	PT TAXILANE
258	17,142,520.34	1,377,582.48	PT TAXILANE
259	17,142,636.54	1,377,533.75	PT TAXILANE
260	17,142,752.74	1,377,485.02	PT TAXILANE
261	17,142,868.93	1,377,436.28	PT TAXILANE
262	17,142,985.13	1,377,387.55	PT TAXILANE
263	17,143,101.33	1,377,338.82	PT TAXILANE
264	17,143,217.52	1,377,290.09	PT TAXILANE
265	17,143,333.71	1,377,241.36	PT TAXILANE
266	17,143,447.14	1,377,193.78	PT TAXILANE
267	17,143,560.57	1,377,146.21	PT TAXILANE
268	17,143,674.00	1,377,098.64	PT TAXILANE
269	17,143,787.42	1,377,051.07	PT TAXILANE
270	17,143,900.85	1,377,003.49	PT TAXILANE
271	17,144,014.28	1,376,955.92	PT TAXILANE
272	17,144,128.09	1,376,909.30	PT TAXILANE
273	17,144,137.73	1,376,932.00	PT TAXILANE
274	17,143,722.66	1,377,532.70	PT TAXILANE
275	17,143,727.89	1,377,551.16	PT TAXILANE
276	17,143,730.34	1,377,593.13	PT TAXILANE
277	17,143,724.30	1,377,635.59	PT TAXILANE
278	17,143,729.22	1,377,629.49	PT TAXILANE
279	17,143,622.88	1,377,648.36	PT TAXILANE
280	17,143,626.37	1,377,661.01	PT TAXILANE
281	17,143,610.78	1,377,583.97	PT TAXILANE
282	17,142,574.67	1,378,033.73	PT TAXILANE
283	17,142,608.54	1,378,062.72	PRC TAXILANE
284	17,142,642.41	1,378,091.71	PT TAXILANE
285	17,142,460.87	1,378,088.10	PT TAXILANE
286	17,142,494.74	1,378,117.09	PRC TAXILANE
287	17,142,528.61	1,378,146.09	PT TAXILANE
288	17,142,442.92	1,378,141.95	PT TAXILANE
289	17,142,418.08	1,378,208.19	PT TAXILANE
290	17,142,687.22	1,377,458.08	PT TAXILANE
299	17,142,751.54	1,378,349.30	PT TAXILANE
300	17,142,732.96	1,378,395.18	PT TAXILANE
301	17,142,681.40	1,378,417.02	PT TAXILANE
302	17,142,635.52	1,378,398.45	PT TAXILANE
303	17,142,616.94	1,378,444.33	PT TAXILANE
304	17,142,519.50	1,378,447.60	PT TAXILANE
305	17,142,565.38	1,378,466.17	PT TAXILANE
308	17,141,829.80	1,378,341.08	PT TAXILANE
309	17,141,830.18	1,378,388.55	PT TAXILANE

TAXILANE PAVEMENT STRIPING COORDINATE TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
310	17,141,831.38	1,378,538.54	TAXILANE CENTERLINE
311	17,141,905.77	1,378,462.95	PT TAXILANE
312	17,141,833.83	1,378,845.57	PT TAXILANE
313	17,141,835.13	1,379,007.93	PT TAXILANE
314	17,141,880.87	1,378,938.27	PT TAXILANE
315	17,141,938.08	1,378,914.03	PT TAXILANE
320	17,142,160.58	1,378,738.32	PT TAXILANE
321	17,142,120.78	1,378,836.63	PT TAXILANE
322	17,142,063.00	1,378,507.99	PT TAXILANE
323	17,141,993.34	1,378,462.25	PT TAXILANE
324	17,142,009.03	1,378,412.12	PT TAXILANE
325	17,141,959.43	1,378,462.52	PT TAXILANE
326	17,142,008.05	1,378,290.37	PT TAXILANE
327	17,141,938.55	1,378,244.73	PT TAXILANE
331	17,144,603.97	1,377,111.92	PT TAXILANE
333	17,141,860.57	1,378,002.97	PT TAXIWAY
334	17,141,590.39	1,378,006.37	TAXILANE CENTERLINE
338	17,141,987.84	1,377,474.64	TAXILANE CENTERLINE
343	17,142,713.81	1,377,264.74	TAXILANE CENTERLINE
344	17,142,862.90	1,377,332.36	PT TAXIWAY
345	17,142,982.87	1,377,334.08	PT TAXIWAY
351	17,143,842.31	1,377,896.43	PT TAXILANE
352	17,143,823.73	1,377,942.31	PT TAXILANE
353	17,143,789.66	1,377,956.74	PT TAXILANE
354	17,143,743.78	1,377,938.17	PT TAXILANE
355	17,143,691.14	1,377,998.48	PT TAXILANE
356	17,143,725.21	1,377,984.05	PT TAXILANE
357	17,143,645.26	1,377,979.90	PT TAXILANE
358	17,143,501.20	1,377,636.70	PI TAXILANE
359	17,143,527.84	1,377,702.75	PI TAXILANE
361	17,143,609.23	1,377,580.28	PT TAXILANE
362	17,141,875.54	1,378,271.43	PT TAXILANE
364	17,142,433.75	1,378,148.97	PT TAXILANE
365	17,142,017.98	1,377,829.43	PT TAXIWAY
366	17,142,458.59	1,378,082.73	PT TAXILANE

EDGE POSITION MARKING COORDINATE TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
293	17,144,768.88	1,377,002.16	EDGE POSITION STRIPING
328	17,144,797.51	1,377,069.85	EDGE POSITION STRIPING
329	17,144,644.92	1,377,054.66	EDGE POSITION STRIPING
330	17,144,674.70	1,377,121.87	EDGE POSITION STRIPING
335	17,142,047.11	1,377,525.46	EDGE POSITION STRIPING
336	17,142,027.21	1,377,396.99	EDGE POSITION STRIPING
337	17,141,961.20	1,377,662.01	EDGE POSITION STRIPING

AIRCRAFT TIE-DOWN IN EXIST. PVM'T COORDINATE TABLE FOR NON-TYPICAL LOCATIONS

POINT NO.	NORTHING	EASTING	DESCRIPTION
373	17,142,573.00	1,377,855.52	TIE-DOWN
374	17,142,668.40	1,377,814.70	TIE-DOWN
375	17,142,805.42	1,377,758.11	TIE-DOWN
376	17,142,919.89	1,377,710.13	TIE-DOWN
377	17,143,039.84	1,377,659.86	TIE-DOWN
378	17,143,154.84	1,377,613.90	TIE-DOWN
388	17,142,456.99	1,377,904.70	TIE-DOWN
394	17,143,378.21	1,377,479.66	TIE-DOWN
395	17,143,388.31	1,377,514.65	TIE-DOWN
396	17,143,144.78	1,377,561.65	TIE-DOWN
398	17,142,905.54	1,377,676.18	TIE-DOWN
400	17,144,132.88	1,377,044.89	TIE-DOWN

STATIC GROUND IN EXIST. PVM'T COORDINATE TABLE FOR NON-TYPICAL LOCATIONS

POINT NO.	NORTHING	EASTING	DESCRIPTION
367	17,142,875.85	1,377,592.33	STATIC GND
368	17,142,990.48	1,377,544.44	STATIC GND
369	17,143,106.25	1,377,495.93	STATIC GND
370	17,143,225.91	1,377,445.81	STATIC GND
371	17,143,342.79	1,377,400.06	STATIC GND
372	17,143,317.27	1,377,339.80	STATIC GND
380	17,143,201.90	1,377,388.12	STATIC GND
381	17,142,970.32	1,377,485.23	STATIC GND
382	17,142,851.57	1,377,535.02	STATIC GND
383	17,142,735.30	1,377,583.76	STATIC GND
384	17,142,619.17	1,377,632.45	STATIC GND
385	17,142,501.43	1,377,681.86	STATIC GND
386	17,142,385.66	1,377,730.45	STATIC GND
387	17,143,084.02	1,377,437.69	STATIC GND
389	17,142,552.56	1,377,803.65	STATIC GND
390	17,142,438.27	1,377,851.53	STATIC GND
391	17,142,670.81	1,377,754.44	STATIC GND
392	17,143,252.97	1,377,511.01	STATIC GND
393	17,143,368.99	1,377,461.97	STATIC GND
397	17,143,020.31	1,377,607.90	STATIC GND
399	17,142,787.62	1,377,705.30	STATIC GND

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11-6-15
REGISTERED PROFESSIONAL ENGINEER
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Delta Project No. 14072 A/E INFO

APPROVED
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ACTIVITY
SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
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FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
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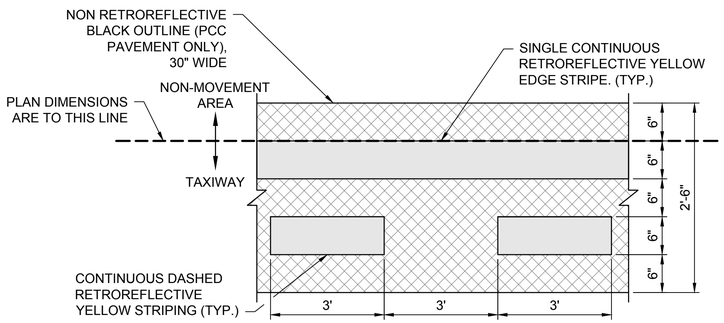
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
PAVEMENT STRIPING COORDINATE TABLES

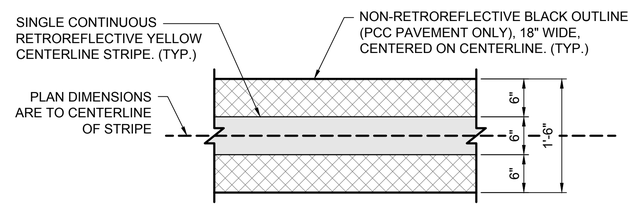
SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095403
SHEET 90 OF 117
CP202
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\F09\1641-OKC\AE\205114800_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-05X-CP202.dwg LAYOUT NAME: PAVEMENT STRIPING COORDINATE TABLES PLOTTED: Monday, November 09, 2015 - 4:15pm USER: jacksonjm2



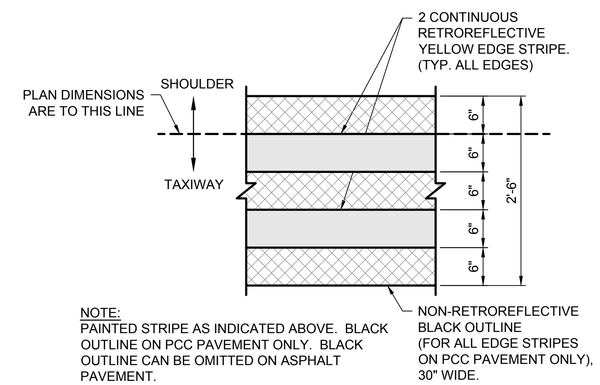
NOTE:
PAINTED STRIPE AS INDICATED ABOVE. BLACK OUTLINE ON PCC PAVEMENT ONLY. BLACK OUTLINE CAN BE OMITTED ON ASPHALT PAVEMENT.

1 NON-MOVEMENT AREA BOUNDARY
NOT TO SCALE



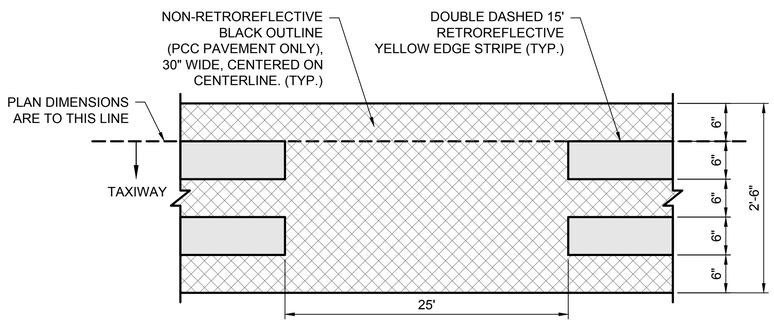
NOTE:
PAINTED STRIPE AS INDICATED ABOVE. BLACK OUTLINE ON PCC PAVEMENT ONLY. BLACK OUTLINE CAN BE OMITTED ON ASPHALT PAVEMENT.

2 TAXILANE CENTERLINE
NOT TO SCALE



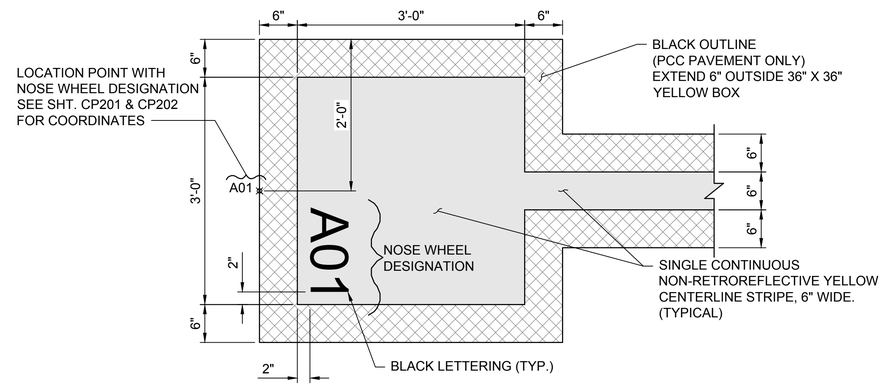
NOTE:
PAINTED STRIPE AS INDICATED ABOVE. BLACK OUTLINE ON PCC PAVEMENT ONLY. BLACK OUTLINE CAN BE OMITTED ON ASPHALT PAVEMENT.

3 TAXILANE EDGE LINE (CONTINUOUS)
NOT TO SCALE

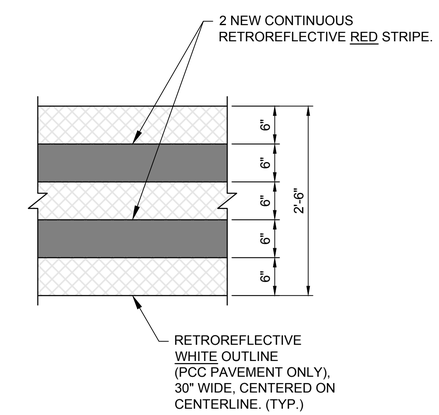


NOTE:
PAINTED STRIPE AS INDICATED ABOVE. BLACK OUTLINE ON PCC PAVEMENT ONLY. BLACK OUTLINE CAN BE OMITTED ON ASPHALT PAVEMENT.

4 TAXILANE EDGE POSITION STRIPING (DASHED)
NOT TO SCALE



5 NOSE WHEEL STRIPING
NOT TO SCALE



6 APRON CLEARANCE STRIPING
NOT TO SCALE

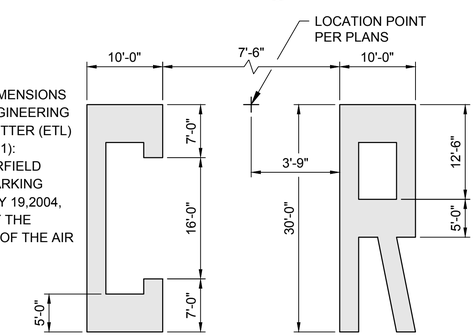
NOTE:
1. ALL STRIPING AND PAVEMENT STRIPING SHALL BE IN ACCORDANCE WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STANDARDS FOR AIRPORT MARKINGS, AC NO. 150/5340-1 (CURRENT EDITION AT TIME OF BID), LATEST EDITION OF NAVAIR 51-50AAA, AND SPECIFICATION SECTION 32 17 23.
2. AIRFIELD PAVEMENT STRIPING BASED ON ENGINEERING TECHNICAL LETTER (ETL) 04-2 (CHANGE 1): STANDARD AIRFIELD PAVEMENT MARKING SCHEMES JULY 19,2004, PUBLISHED BY THE DEPARTMENT OF THE AIR FORCE.

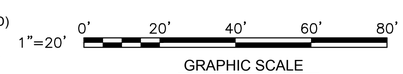
COLOR OF STRIPING	FEDERAL SPECIFICATIONS
RETROREFLECTIVE YELLOW	TT-P-1952E TYPE III PAINT, FED-STD-595, CHIP No. 33538, WITH TT-B-1325 GLASS BEADS, TYPE III, GRADATION A
NON-RETROREFLECTIVE YELLOW	TT-P-1952E TYPE III PAINT, FED-STD-595, CHIP No. 33538
NON-RETROREFLECTIVE BLACK	TT-P-1952E TYPE III PAINT, FED-STD-595, CHIP No. 37038.
RETROREFLECTIVE RED	TT-P-1952E TYPE III PAINT, FED-STD-595, CHIP No. 31136, WITH TT-B-1325 GLASS BEADS, TYPE III,GRADATION A
RETROREFLECTIVE WHITE	TT-P-1952E TYPE III PAINT, FED-STD-595, CHIP No. 37925, AND TT-B-1325 GLASS BEADS, TYPE III GRADATION A

LEGEND

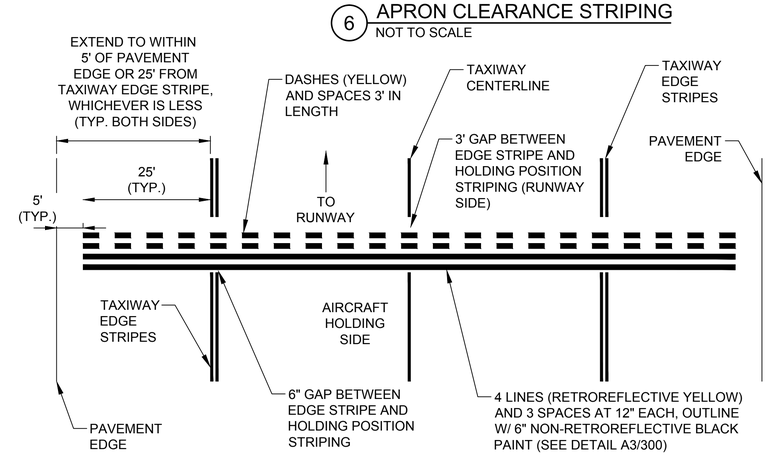
- RETROREFLECTIVE PAINT COLOR AS REQUIRED (UNLESS OTHERWISE SPECIFIED)
- BLACK NON-RETROREFLECTIVE PAINT
- RED RETROREFLECTIVE PAINT
- WHITE RETROREFLECTIVE PAINT

NOTE:
1. LETTERING DIMENSIONS BASED ON ENGINEERING TECHNICAL LETTER (ETL) 04-2 (CHANGE 1): STANDARD AIRFIELD PAVEMENT MARKING SCHEMES JULY 19,2004, PUBLISHED BY THE DEPARTMENT OF THE AIR FORCE.





7 COMPASS ROSE



8 FAA RUNWAY HOLDING POSITION STRIPING DETAIL

SYM	DESCRIPTION	DATE	APPR.
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11-6-15
REGISTERED PROFESSIONAL ENGINEER JOHN B. BEAN 19302 CONTINENTAL
SEAL

leidos
LEIDOS ENGINEERING, LLC
ONE WEST 3RD ST.
TULSA, OK 74103

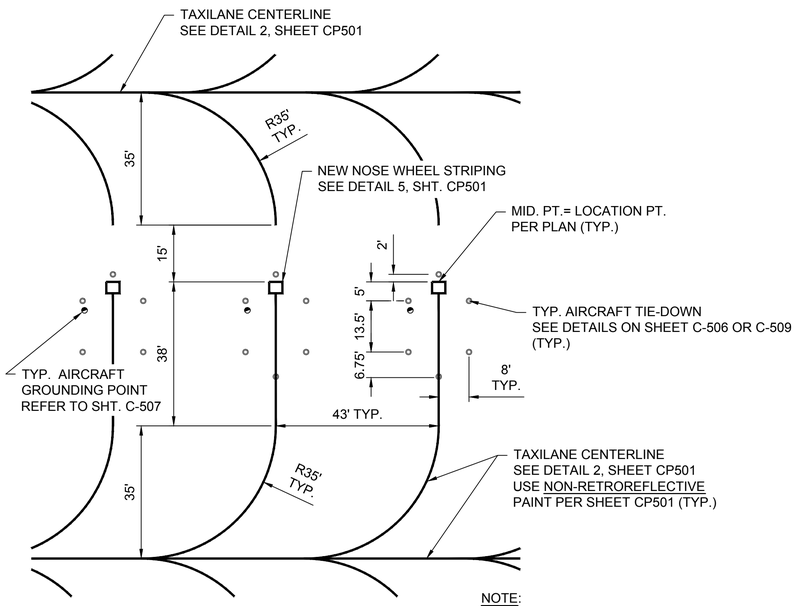
DELTA AIRPORT CONSULTANTS, INC.
9711 Farrar Court, Suite 100
Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltaairport.com
Delta Project No. 14072 A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

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
MAIN PARKING APRON
STRIPING DETAILS

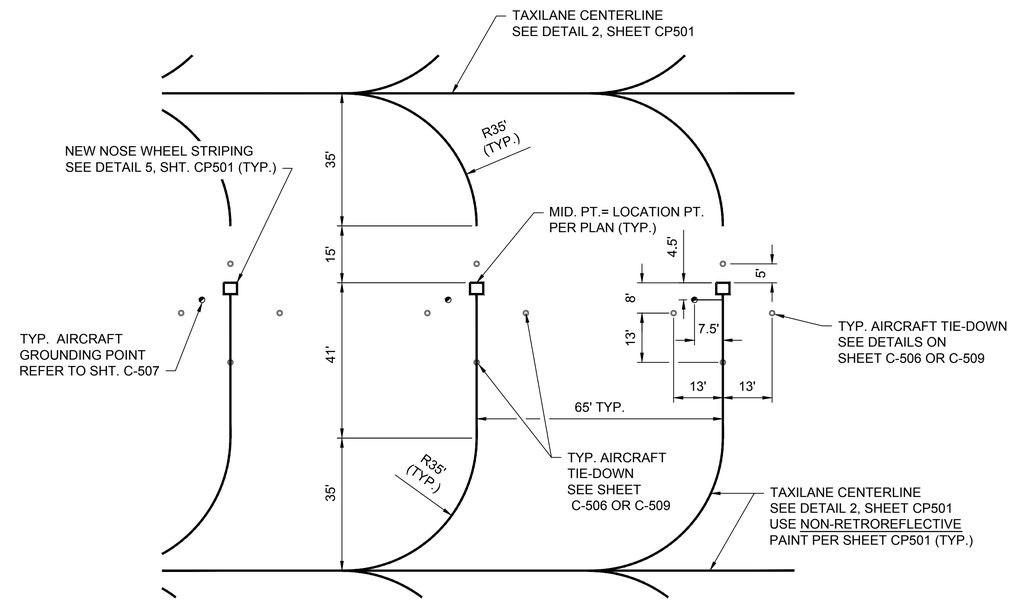
SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095404
SHEET 91 OF 117
CP501
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\ECI\1641-OKC\AE\205134800_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-05X-CP501.dwg LAYOUT NAME: STRIPING DETAILS PLOTTED: Monday, November 09, 2015 – 4:15pm USER: jacksonjm2



NOTE:
1. ALL STRIPING SHALL BE IAW SPECIFICATION SECTION 32 17 23.00 20.

1 TYPICAL T-6 PARKING LAYOUT
NOT TO SCALE



NOTE:
1. ALL STRIPING SHALL BE IAW SPECIFICATION SECTION 32 17 23.00 20.

2 TYPICAL T-44 PARKING LAYOUT
NOT TO SCALE

SYM	DESCRIPTION	DATE	APPR.
0	ISSUED FOR BID	6 NOV 2015	

NAVFAC

11-6-15
REGISTERED PROFESSIONAL ENGINEER
JOHN B. BEAN
19302
SEAL

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LEIDOS ENGINEERING, LLC
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Richmond, Virginia 23236
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APPROVED
FOR COMMANDER NAVFAC
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SATISFACTORY TO DATE
DES CLM DRW JMJ CHK HWM
PM / DM
BRANCH MANAGER
CHIEF ENG / ARCH
FIRE PROTECTION

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
MAIN PARKING APRON
STRIPING DETAILS

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095405
SHEET 92 OF 117
CP502
DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\EC0\1641-0NC0\AE\205113480D_NAS_Corpus_Christi_Airfield_Repair\20_DESIGN\40_CAD\C\134800-05X-CP502.dwg LAYOUT NAME: STRIPING DETAILS PLOTTED: Monday, November 09, 2015 - 4:16pm USER: jacksonjm2

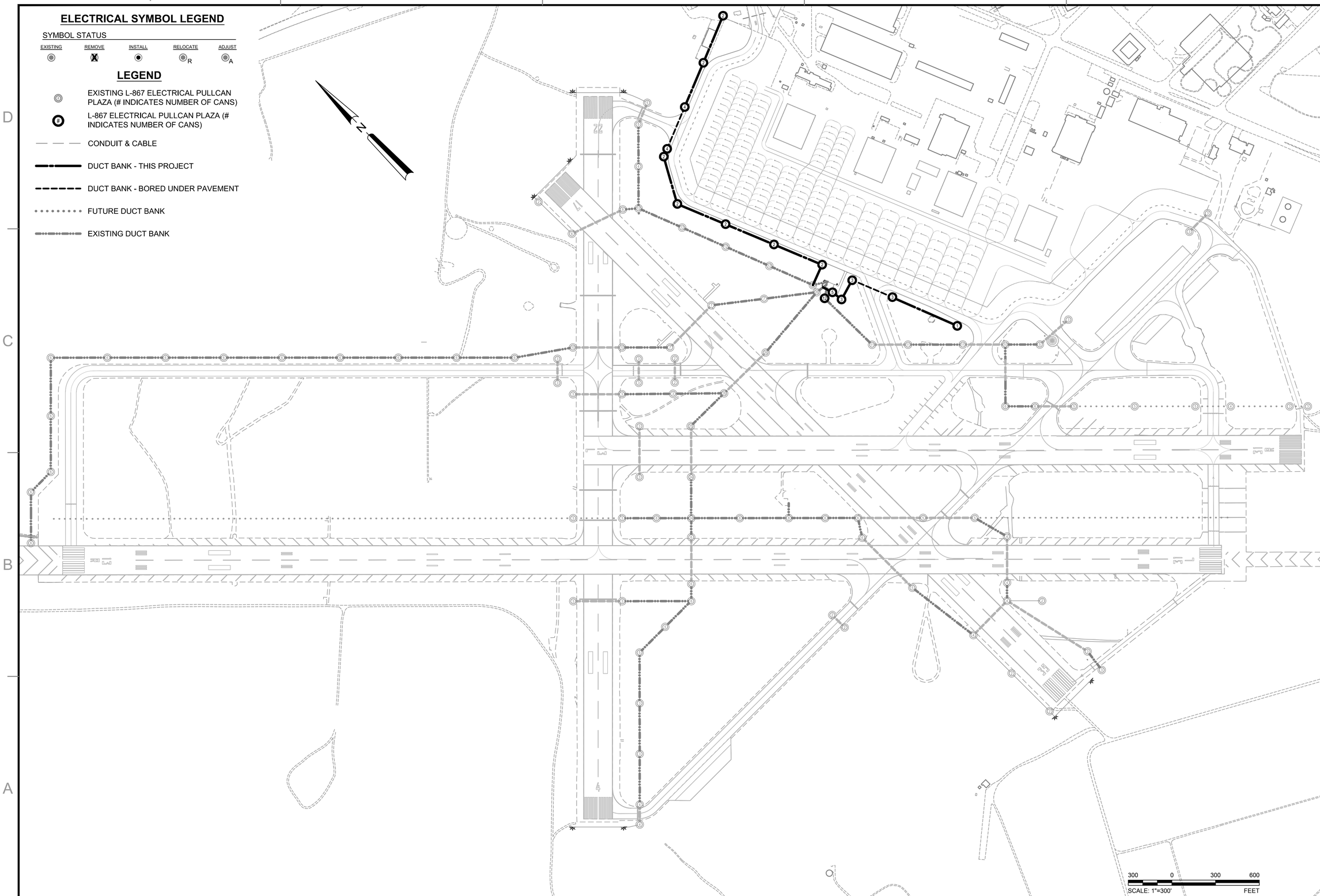
ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	RELOCATE	ADJUST
			R	A

LEGEND

- EXISTING L-867 ELECTRICAL PULLCAN PLAZA (# INDICATES NUMBER OF CANS)
- L-867 ELECTRICAL PULLCAN PLAZA (# INDICATES NUMBER OF CANS)
- CONDUIT & CABLE
- DUCT BANK - THIS PROJECT
- DUCT BANK - BORED UNDER PAVEMENT
- FUTURE DUCT BANK
- EXISTING DUCT BANK



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

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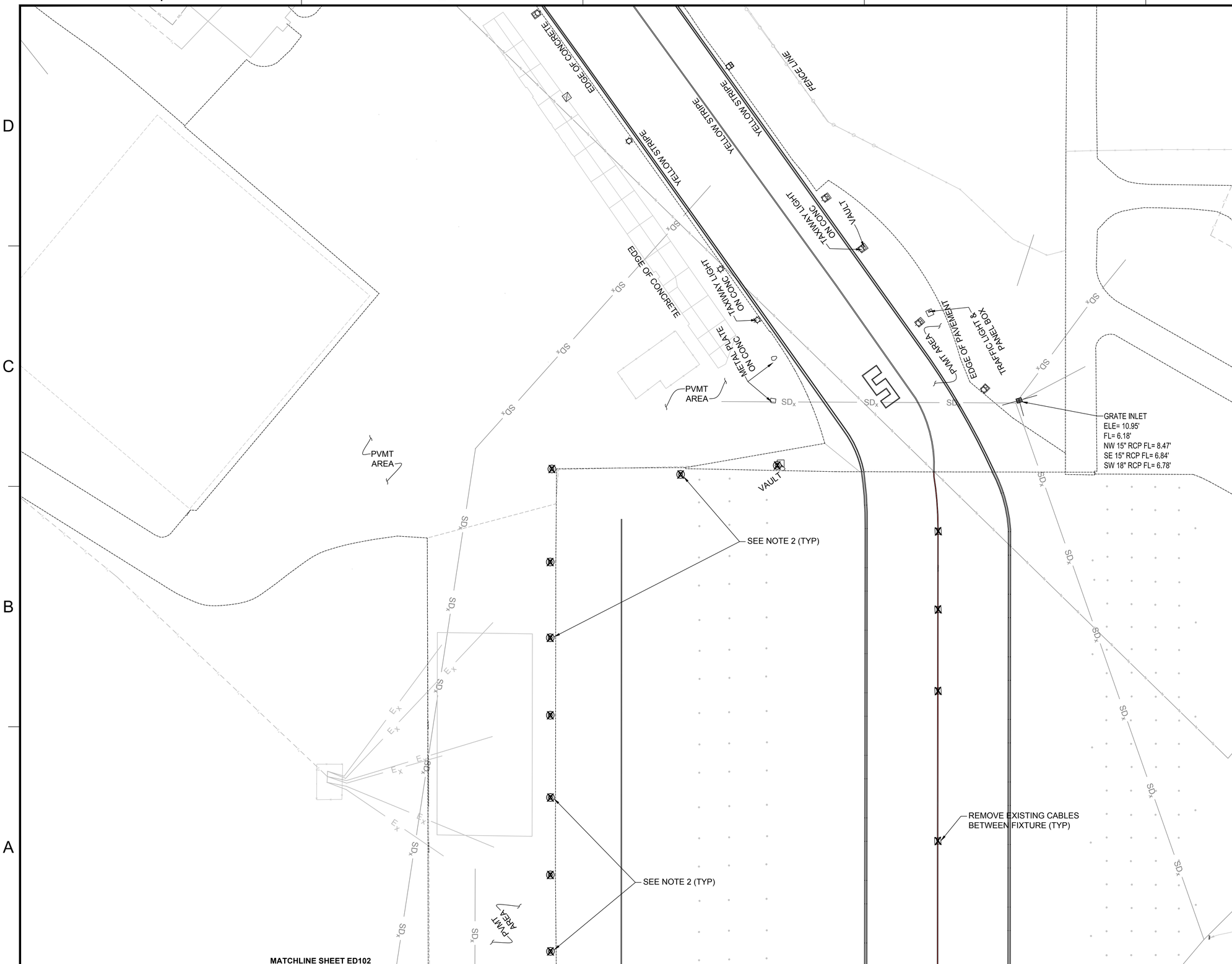
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

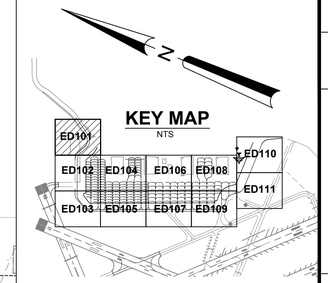
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBIL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
HOMERUN PLAN

SCALE: 1"=300'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095406
SHEET 93 OF 117
ES101

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1302443-A-ES101.dwg LAYOUT NAME: ES101 PLOTTED: Wednesday, November 11, 2015 - 10:06am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
◎	⊠	◉	◉R	◉A

SYMBOL	DESCRIPTION
▬	L-858 (L) AIRFIELD GUIDANCE SIGN
◉	L-861T (L) BASE MOUNTED MITL
⊠	IN-PAVEMENT CENTERLINE FIXTURE
R◎G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
◎#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
⊠	L-849 (L) REIL (UNI-DIRECTIONAL)
═══	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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 ALL SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS PRIME COAT ON ALL PAVEMENT SURFACE AT A RATE OF ~0.15 GALLONS PER SQ.YD.
3. REMOVE EXISTING WIRE, FIXTURE AND FOUNDATION. PLUG CONDUIT OPENINGS, ABANDON CONDUIT, AND BACKFILL PER DEMOLITION REPAIR IN-SHOULDER PAVEMENT & TURF AREA DETAIL ON SHEET E-502.

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

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Richmond, Virginia 23236
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www.deltaairport.com

Delta Project No. 14072 A/E INFO

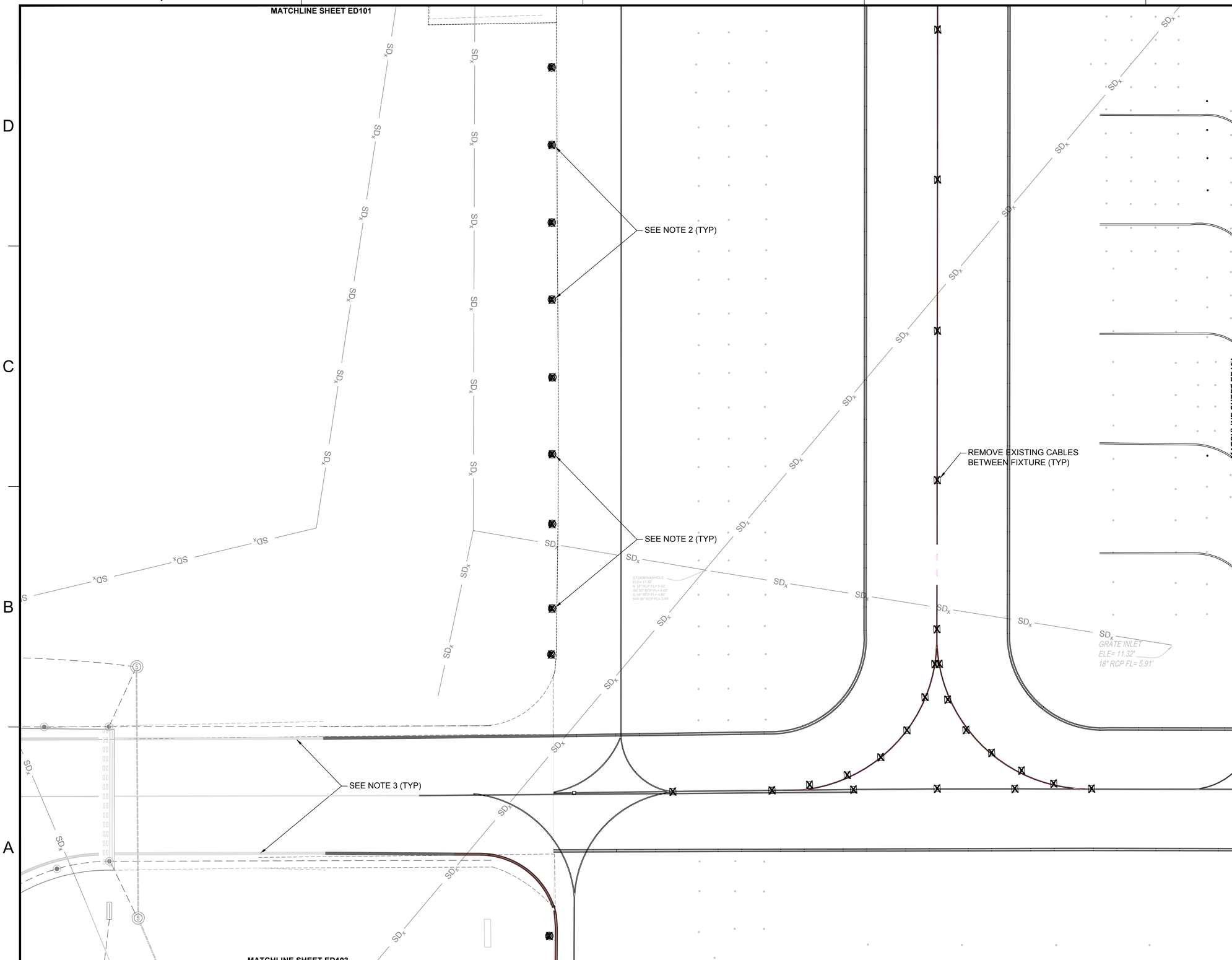
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

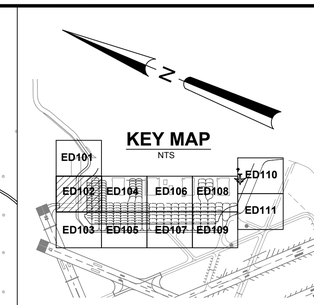
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095407
SHEET 94 OF 117
ED101

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\135163-E-VOODEMO.dwg LAYOUT NAME: ED101 PLOTTED: Wednesday, November 11, 2015 - 10:06am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
◎	⊠	◉	◉R	◉A

SYMBOL	DESCRIPTION
▬	L-858 (L) AIRFIELD GUIDANCE SIGN
◉	L-861T (L) BASE MOUNTED MITL
⊠	IN-PAVEMENT CENTERLINE FIXTURE
R◉G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
◉#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
⊠	L-849 (L) REIL (UNI-DIRECTIONAL)
═══	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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 ALL SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS PRIME COAT ON ALL PAVEMENT SURFACE AT A RATE OF ~0.15 GALLONS PER SQ.YD.
3. REMOVE EXISTING WIRE, FIXTURE AND FOUNDATION. PLUG CONDUIT OPENINGS, ABANDON CONDUIT, AND BACKFILL PER DEMOLITION REPAIR IN-SHOULDER PAVEMENT & TURF AREA DETAIL ON SHEET E-502.

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

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ONE WEST 3RD ST.
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phone: (804) 275-8301 • fax: (804) 275-8371
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Delta Project No. 14072 A/E INFO

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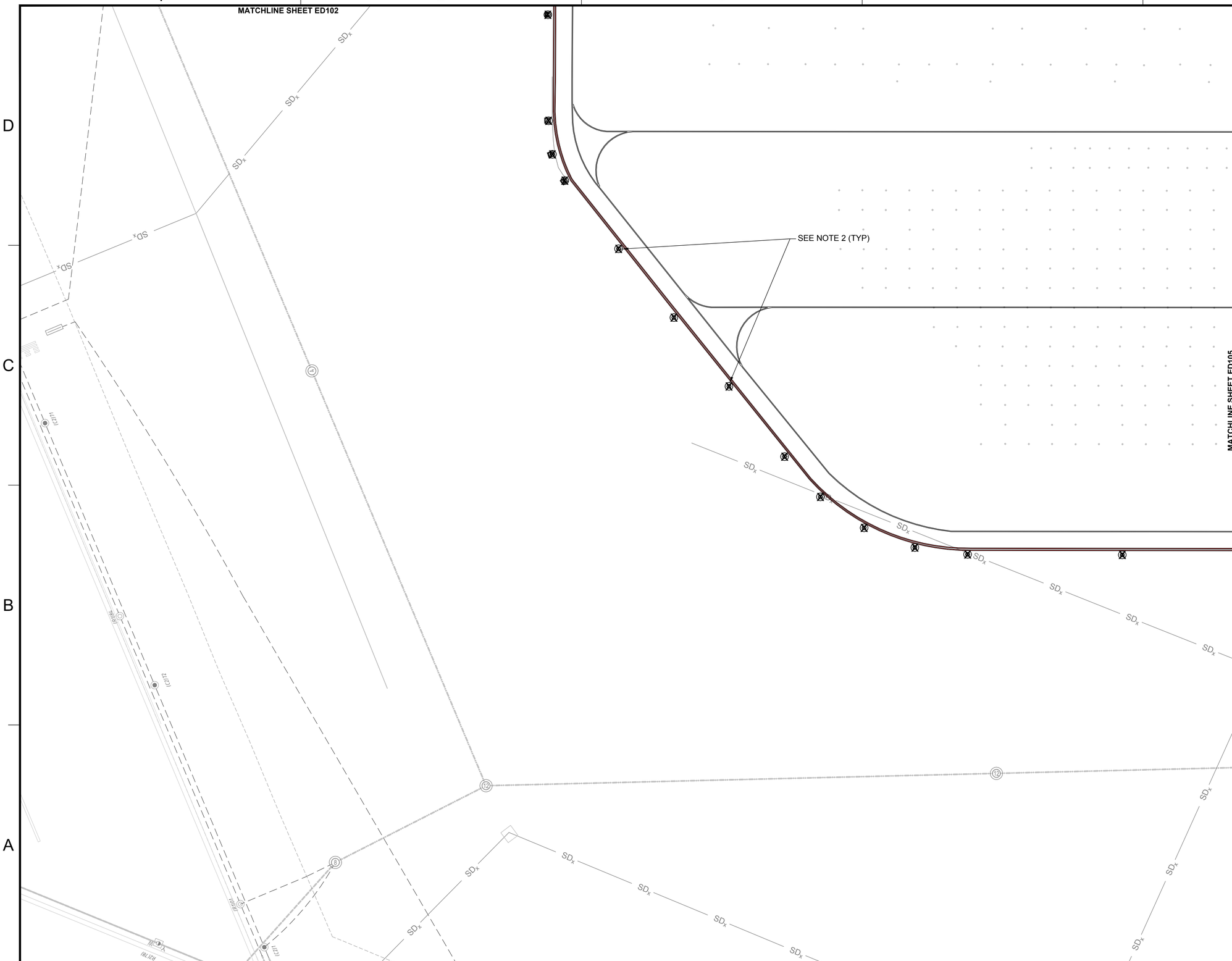
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

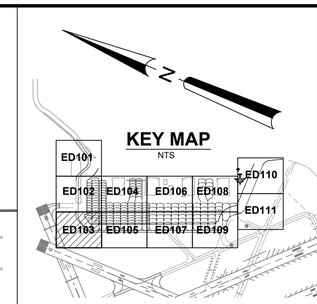
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIRL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095408
SHEET 95 OF 117
ED102

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-XODEMO.dwg LAYOUT NAME: ED102 PLOTTED: Wednesday, November 11, 2015 - 10:06am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

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

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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 ALL SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS PRIME COAT ON ALL PAVEMENT SURFACE AT A RATE OF ~0.15 GALLONS PER SQ.YD.
3. REMOVE EXISTING WIRE, FIXTURE AND FOUNDATION. PLUG CONDUIT OPENINGS, ABANDON CONDUIT, AND BACKFILL PER DEMOLITION REPAIR IN-SHOULDER PAVEMENT & TURF AREA DETAIL ON SHEET E-502.

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

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LEIDOS ENGINEERING, LLC
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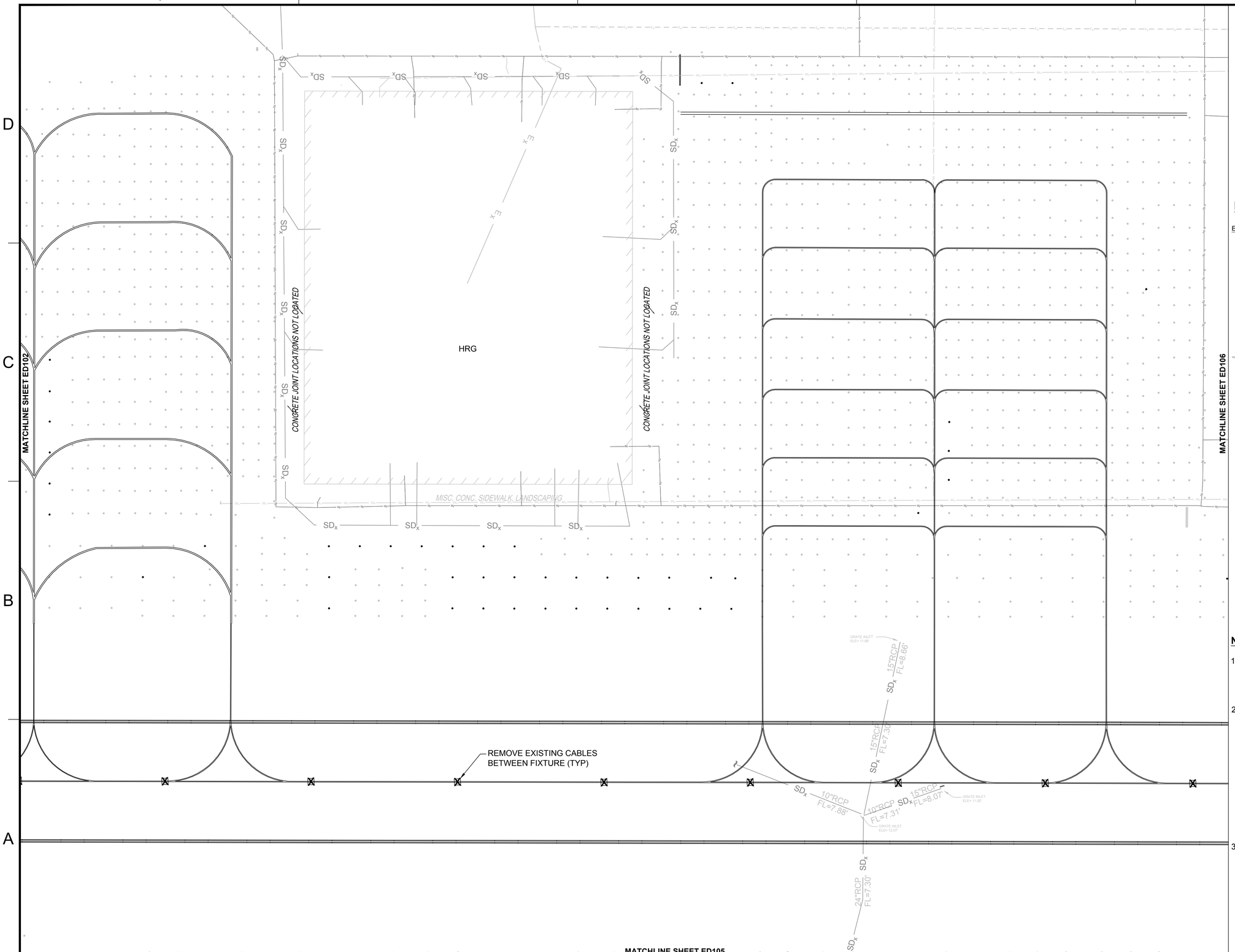
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

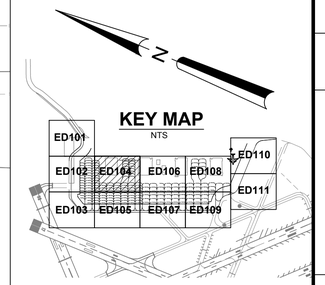
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095409
SHEET 96 OF 117
ED103

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-X005EM0.dwg LAYOUT NAME: ED103 PLOTTED: Wednesday, November 11, 2015 - 10:06am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

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

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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 ALL SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS PRIME COAT ON ALL PAVEMENT SURFACE AT A RATE OF ~0.15 GALLONS PER SQ.YD.
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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

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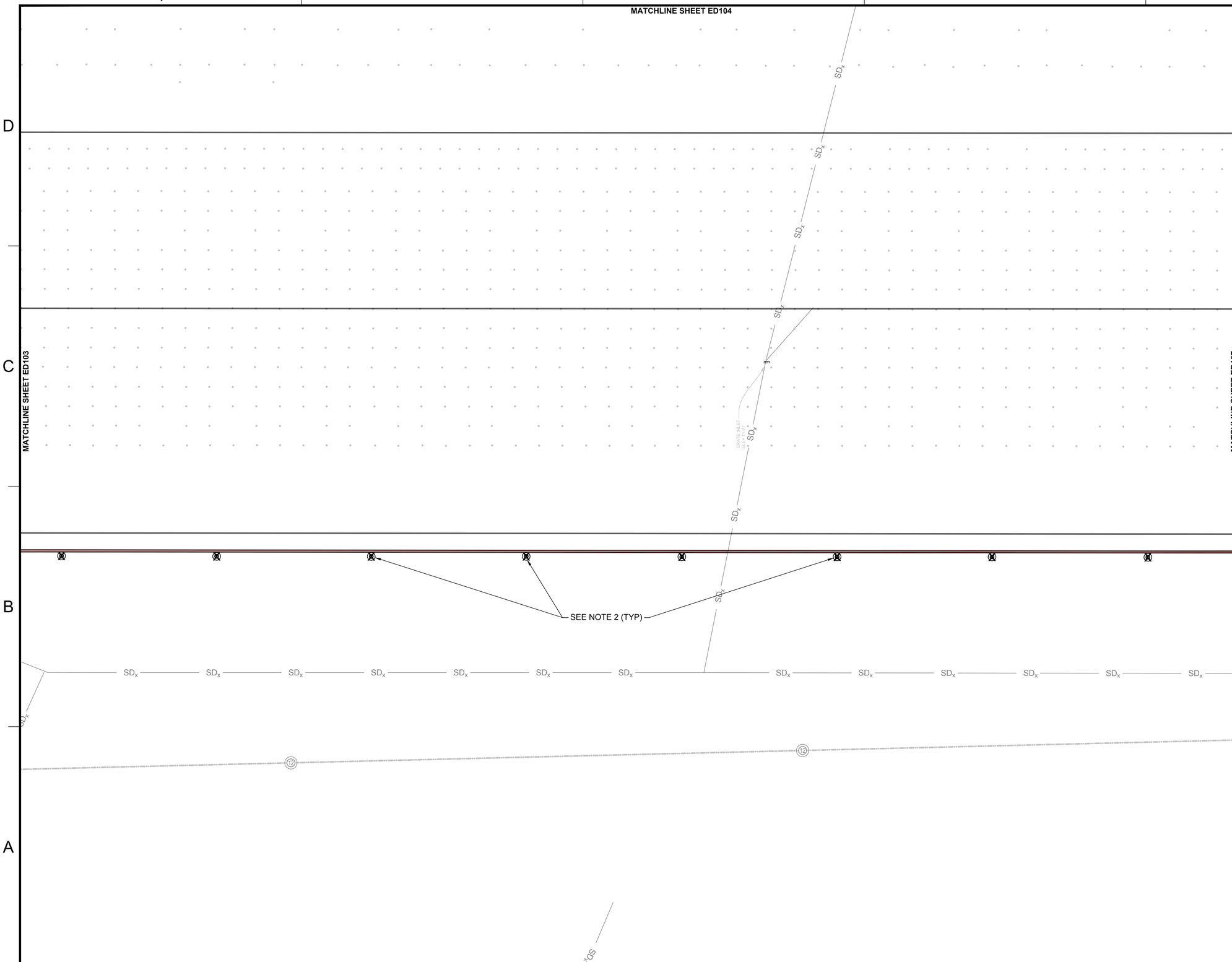
CHIEF ENG/ARCH (CORE)

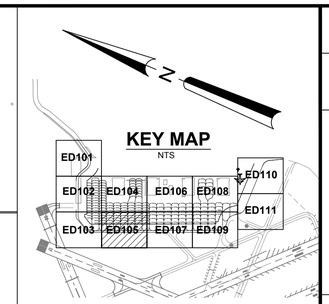
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095410
SHEET 97 OF 117
ED104

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\135316J-E-X006M0.dwg LAYOUT NAME: ED104 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | INSTALL | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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 ALL SIDES. PRIOR TO BACKFILLING, APPLY A BITUMINOUS PRIME COAT ON ALL PAVEMENT SURFACE AT A RATE OF ~0.15 GALLONS PER SQ.YD.
3. REMOVE EXISTING WIRE, FIXTURE AND FOUNDATION. PLUG CONDUIT OPENINGS, ABANDON CONDUIT, AND BACKFILL PER DEMOLITION REPAIR IN-SHOULDER PAVEMENT & TURF AREA DETAIL ON SHEET E-502.

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

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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6 NOV 15

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Delta Project No. 14072 A/E INFO

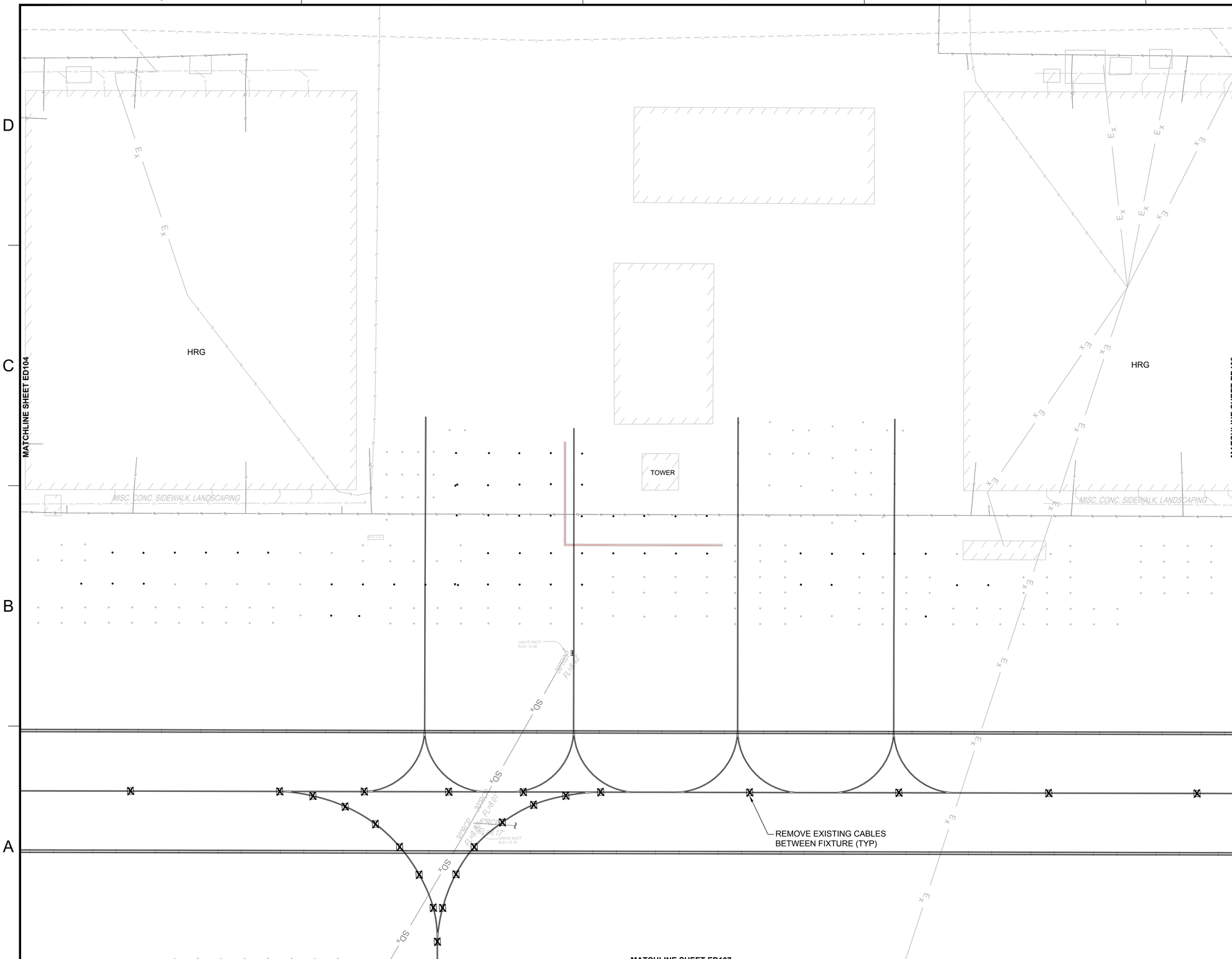
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

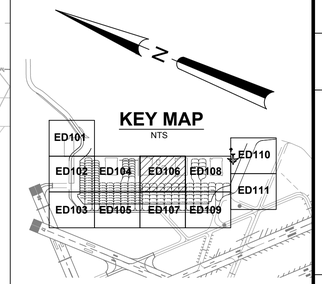
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIBIL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095411
SHEET 98 OF 117
ED105

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\353163-E-V09EMO.dwg LAYOUT NAME: ED105 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
◎	⊠	◉	◉R	◉A

SYMBOL	DESCRIPTION
▬	L-858 (L) AIRFIELD GUIDANCE SIGN
◉	L-861T (L) BASE MOUNTED MITL
⊠	IN-PAVEMENT CENTERLINE FIXTURE
R◉G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
◉#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
⊠	L-849 (L) REIL (UNI-DIRECTIONAL)
═══	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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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
CIBL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAS CORPUS CHRISTI
NAVAL AIR STATION JACKSONVILLE
CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON

ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095412
SHEET 99 OF 117

ED106

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-X00DEMO.dwg LAYOUT NAME: ED106 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm

MATCHLINE SHEET ED106

MATCHLINE SHEET ED105

MATCHLINE SHEET ED109

SEE NOTE 2 (TYP)

SEE NOTE 3 (TYP)

SEE NOTE 2 (TYP)

GRATE INLET ELEV. 10.86

GRATE INLET ELEV. 10.86

KEY MAP

NTS

ED101 ED102 ED103 ED104 ED105 ED106 ED107 ED108 ED109 ED110 ED111

ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING | REMOVE | INSTALL | REPLACE | ADJUST

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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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
CBEL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON

ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

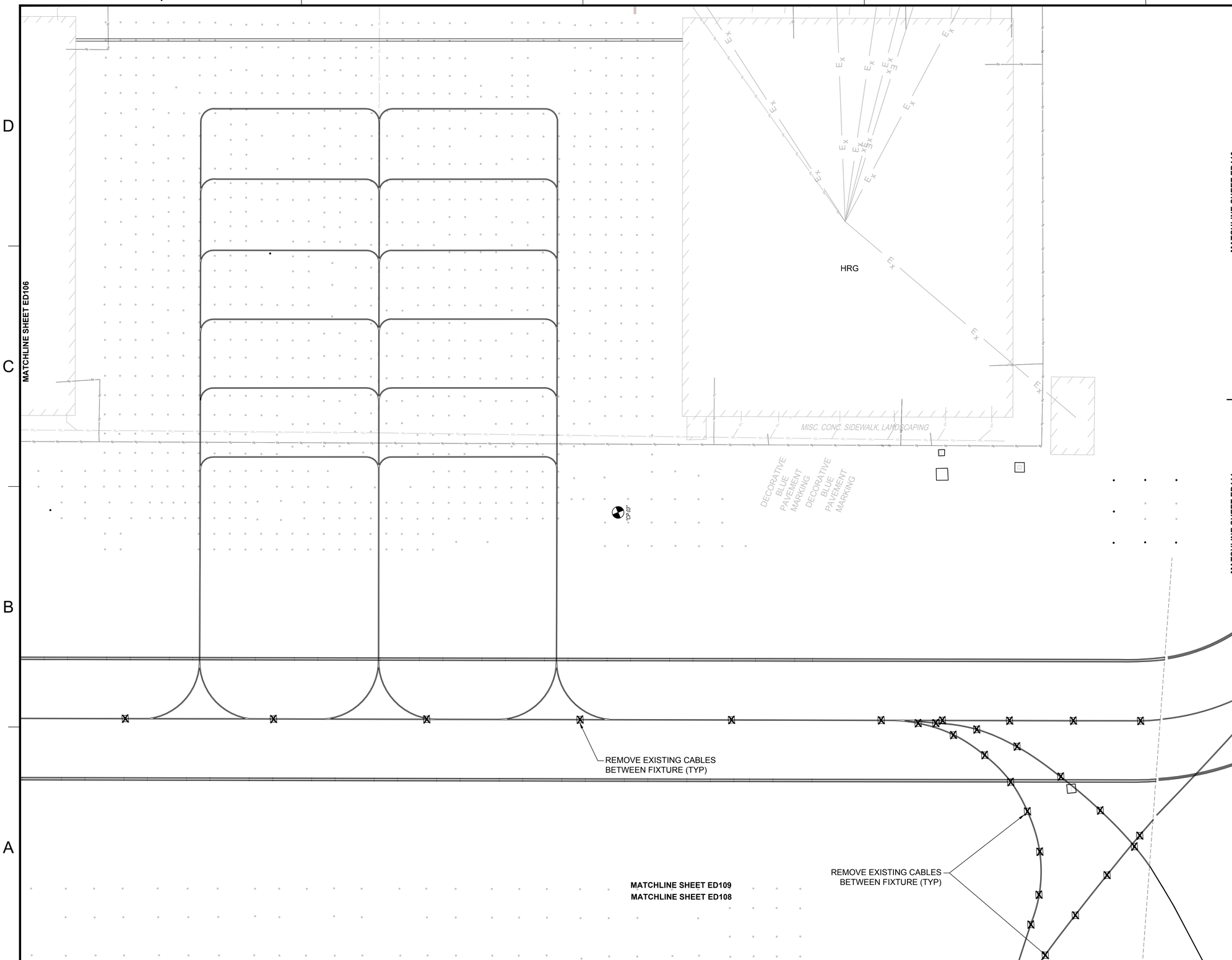
NAVFAC DRAWING NO.
15095413

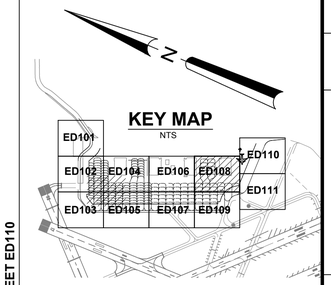
SHEET 100 OF 117

ED107

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-XODEMO.dwg LAYOUT NAME: ED107 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
			R	A

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

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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CHIEF ENG/ARCH (CORE)

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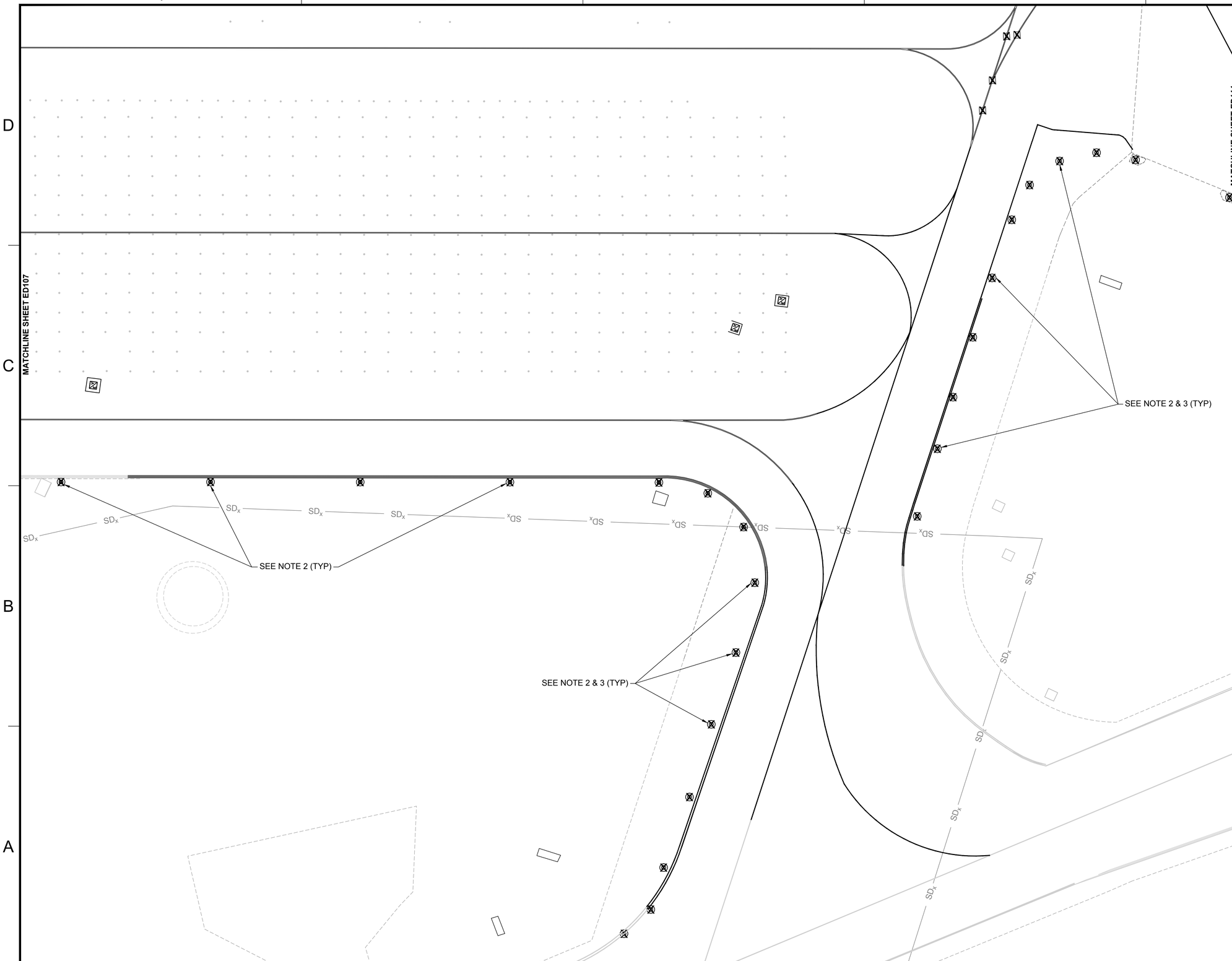
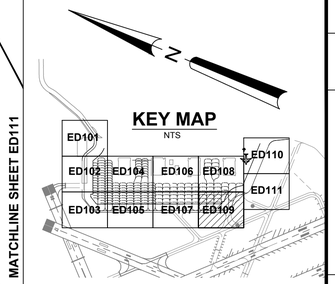
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095414
SHEET 101 OF 117
ED108

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-X006DM0.dwg LAYOUT NAME: ED108 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
◎	⊠	◉	◉R	◉A

SYMBOL	DESCRIPTION
▬	L-858 (L) AIRFIELD GUIDANCE SIGN
◉	L-861T (L) BASE MOUNTED MITL
⊠	IN-PAVEMENT CENTERLINE FIXTURE
R ◉ G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
◉ #	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
═══	EXISTING DUCT BANK

NOTES

1. IN-PAVEMENT FIXTURE MUST BE REMOVED. INCLUDING TRANSFORMER, CABLES, ETC. SEE CIVIL DETAILS FOR PATCHING/REPAIR DETAIL.
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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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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
MAIN PARKING APRON

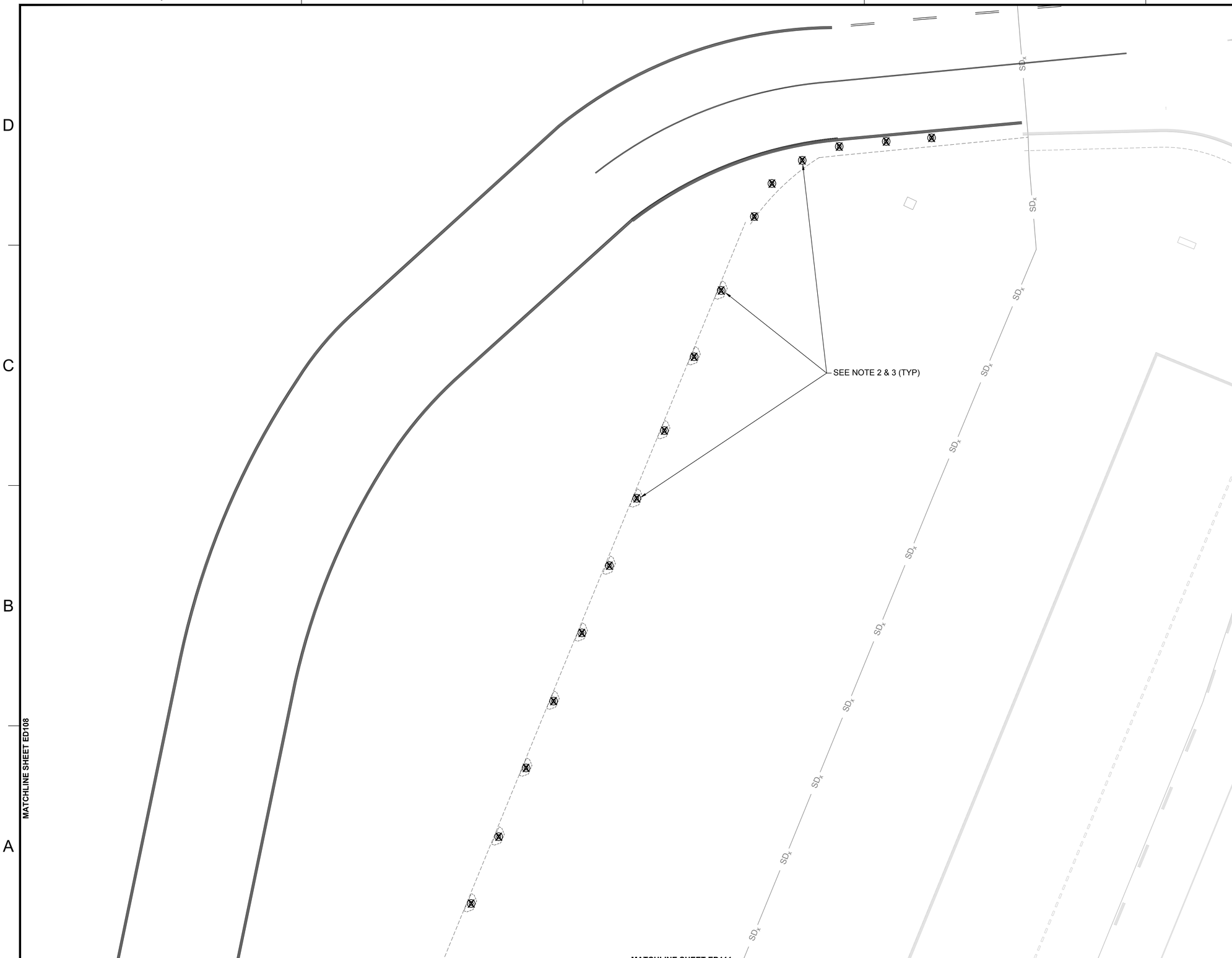
ELECTRICAL DEMOLITION PLAN

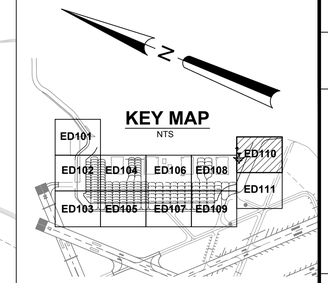
SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095415
SHEET 102 OF 117

ED109

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\153163-E-V005M0.dwg LAYOUT NAME: ED109 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm





ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
			R	A

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

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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CIBIL CORE
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NAS CORPUS CHRISTI
NAVAL AIR STATION JACKSONVILLE
CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON

ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095416
SHEET 103 OF 117

ED110

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-V00DEMO.dwg LAYOUT NAME: ED110 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm

MATCHLINE SHEET ED110

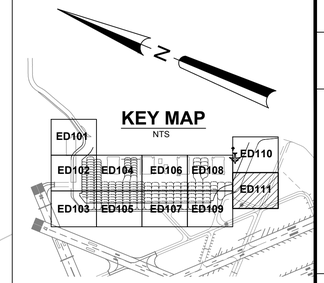
MATCHLINE SHEET ED108

MATCHLINE SHEET ED109

SEE NOTE 2 (TYP)

SEE NOTE 2 (TYP)

SEE NOTE 2 & 3 (TYP)



ELECTRICAL SYMBOL LEGEND

SYMBOL STATUS

EXISTING	REMOVE	INSTALL	REPLACE	ADJUST
			R	A

SYMBOL	DESCRIPTION
	L-858 (L) AIRFIELD GUIDANCE SIGN
	L-861T (L) BASE MOUNTED MITL
	IN-PAVEMENT CENTERLINE FIXTURE
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	L-849 (L) REIL (UNI-DIRECTIONAL)
	EXISTING DUCT BANK

NOTES

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SYM	DESCRIPTION	DATE	APPR
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CIBIL CORE

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE

NAS CORPUS CHRISTI

CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON

ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
15095417

SHEET 104 OF 117

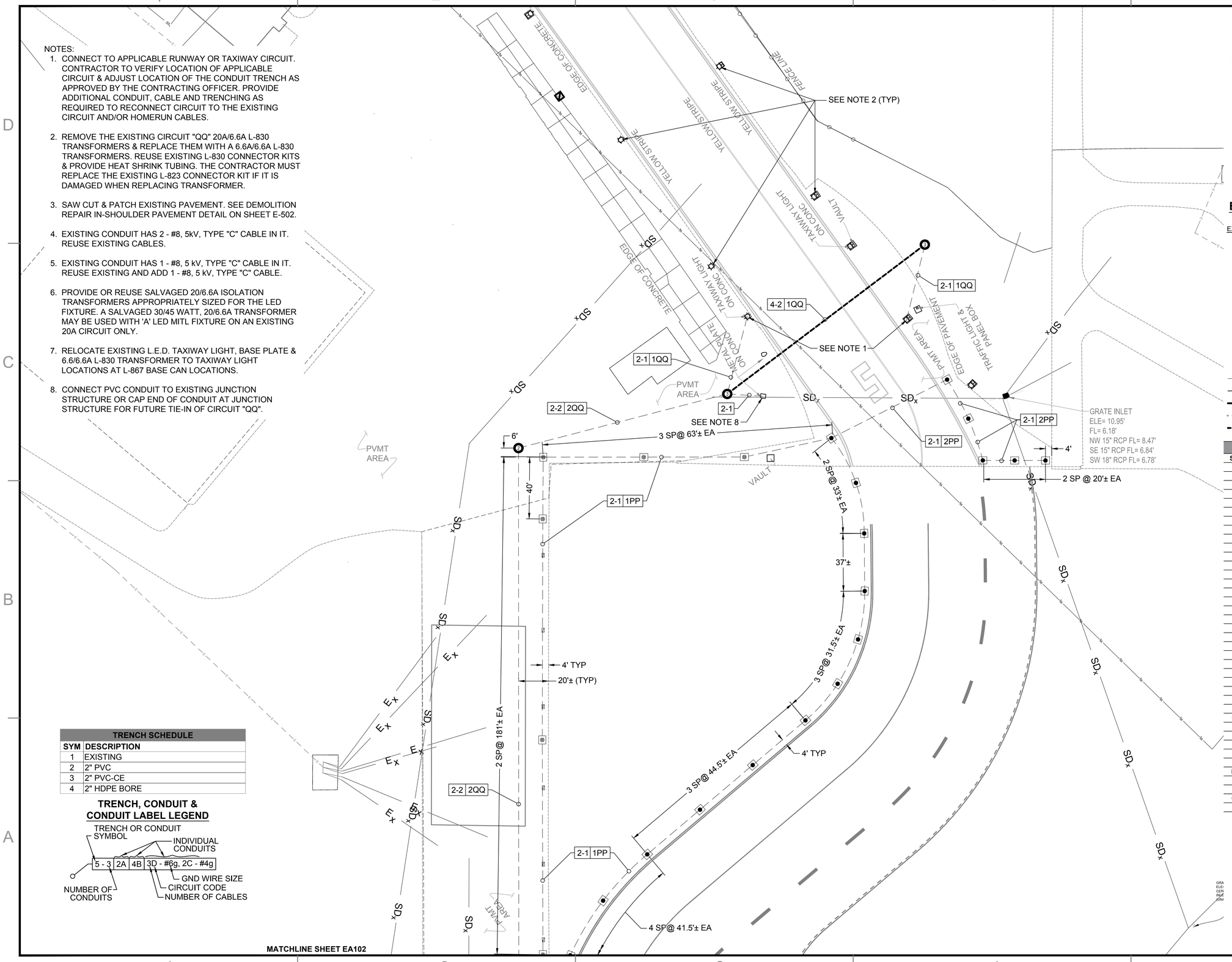
ED111

DRAWFORM REVISION: 5 APRIL 2012

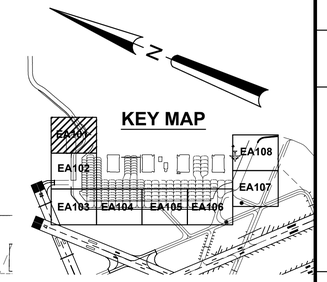
FILE NAME: N:\14072\04 CAD\05-Apron\1353163-E-X00DEMO.dwg LAYOUT NAME: ED111 PLOTTED: Wednesday, November 11, 2015 - 10:07am USER: mrm

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".



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
	L-852T(L) IN-PAVEMENT MITL (RED)
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

TRENCH SCHEDULE

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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

TRENCH OR CONDUIT SYMBOL

INDIVIDUAL CONDUITS

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

NUMBER OF CONDUITS

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CABLES

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

leidos — LEIDOS ENGINEERING, LLC, ONE WEST 3RD ST., TULSA, OK 74103

DELTA AIRPORT CONSULTANTS, INC. — 9711 Forror 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
CIBL CORE

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE

NAS CORPUS CHRISTI

CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON

ELECTRICAL LAYOUT

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15095418

SHEET 105 OF 117

EA101

DRAWFORM REVISION: 5 APRIL 2012

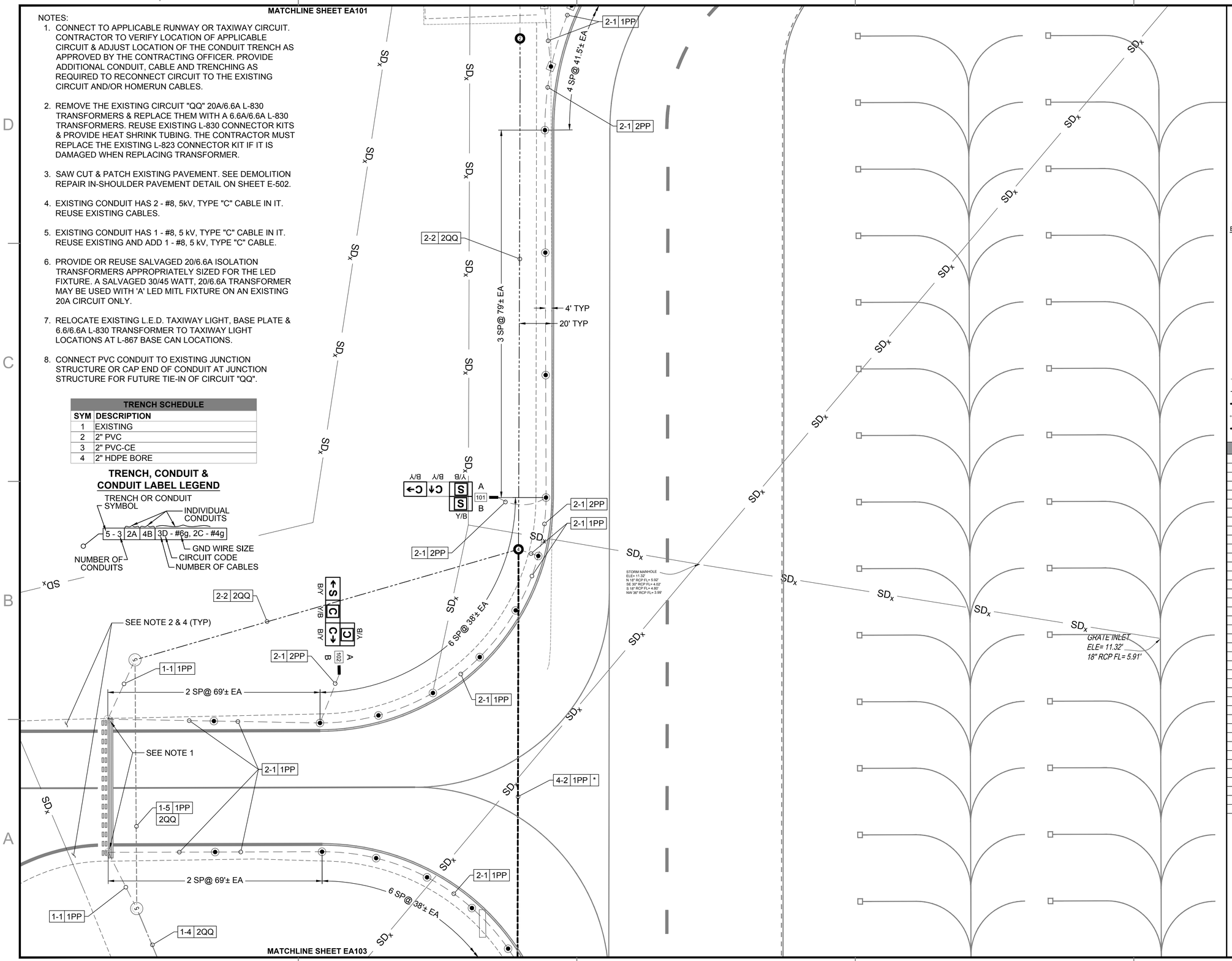
FILE NAME: N:\14072\04 CAD\05-Apron\130243-E-AELE.dwg LAYOUT NAME: EA101 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm

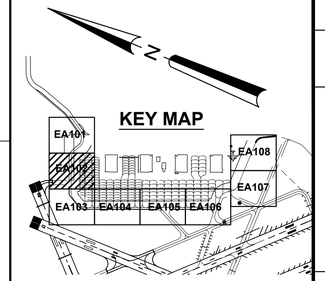
NOTES:

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND





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
	L-852T(L) IN-PAVEMENT MITL (RED)
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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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

leidos
LEIDOS ENGINEERING, LLC
ONE WEST 3RD ST.
TULSA, OK 74103

DELTA AIRPORT CONSULTANTS, INC.
9711 Farrar Court, Suite 100
Richmond, Virginia 23236
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltaairport.com
Delta Project No. 14072 A/E INFO

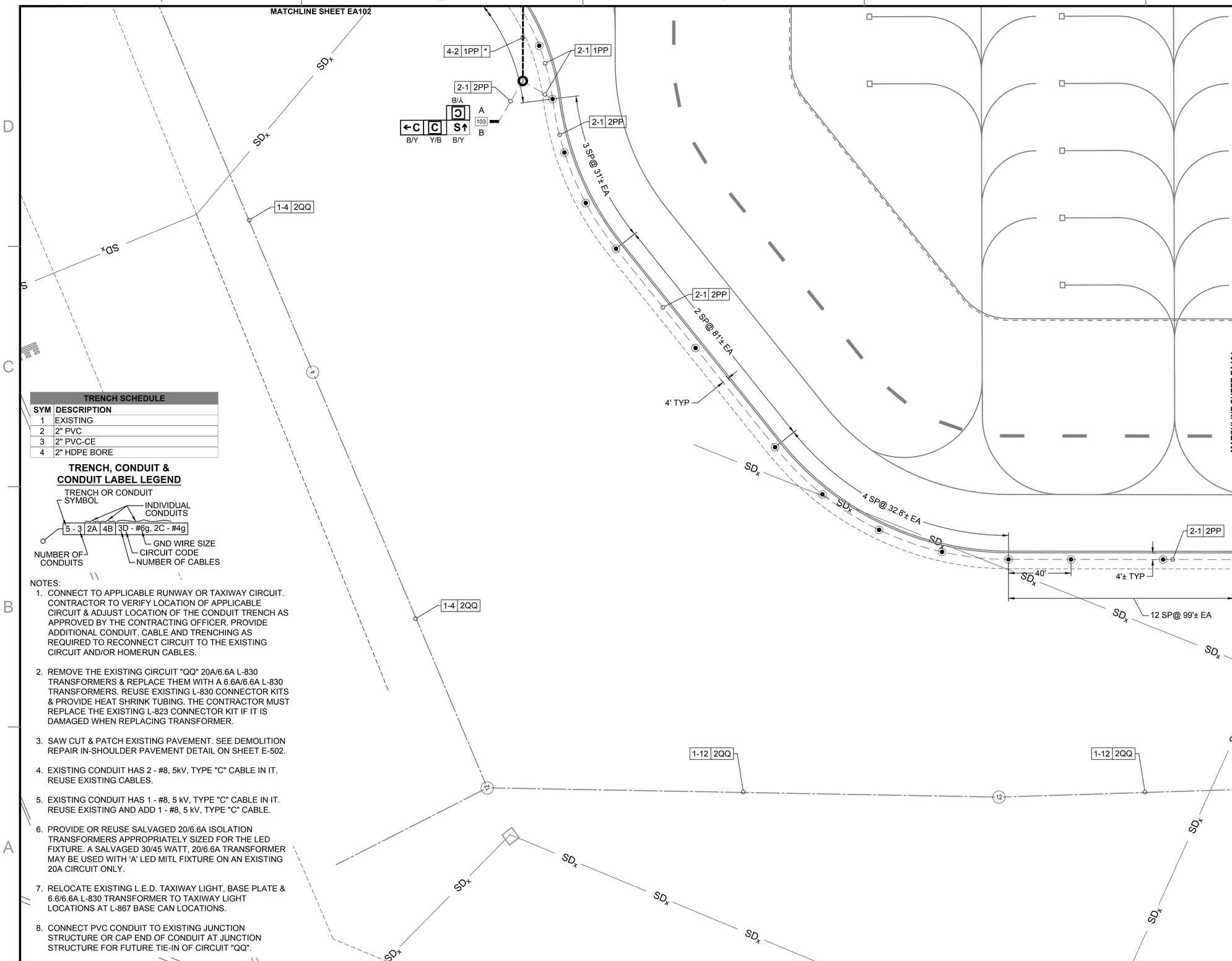
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
BFT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
CIRL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL LAYOUT

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095419
SHEET 106 OF 117
EA102

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1302443-E-ALELE.dwg LAYOUT NAME: EA102 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

TRENCH OR CONDUIT SYMBOL

INDIVIDUAL CONDUITS

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

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CONDUITS

NUMBER OF CABLES

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
4. EXISTING CONDUIT HAS 2 - #8, 5kV, TYPE "C" CABLE IN IT. REUSE EXISTING CABLES.
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8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

KEY MAP

EA101 EA102 EA103 EA104 EA105 EA106 EA107 EA108

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
	L-852T(L) IN-PAVEMENT MITL (RED)
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
	FUTURE TRENCH IN PAVEMENT

CIRCUIT SCHEDULE

SYM	CIRCUIT & CABLE	SIZE
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PP	TAXIWAY C15	#8, 5kV, TYPE C
QQ	TAXIWAY C16	#8, 5kV, TYPE C
*	EMPTY CONDUIT	

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

leidos
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Delta Project No. 14072 A/E INFO

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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
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NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
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MAIN PARKING APRON
ELECTRICAL LAYOUT

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

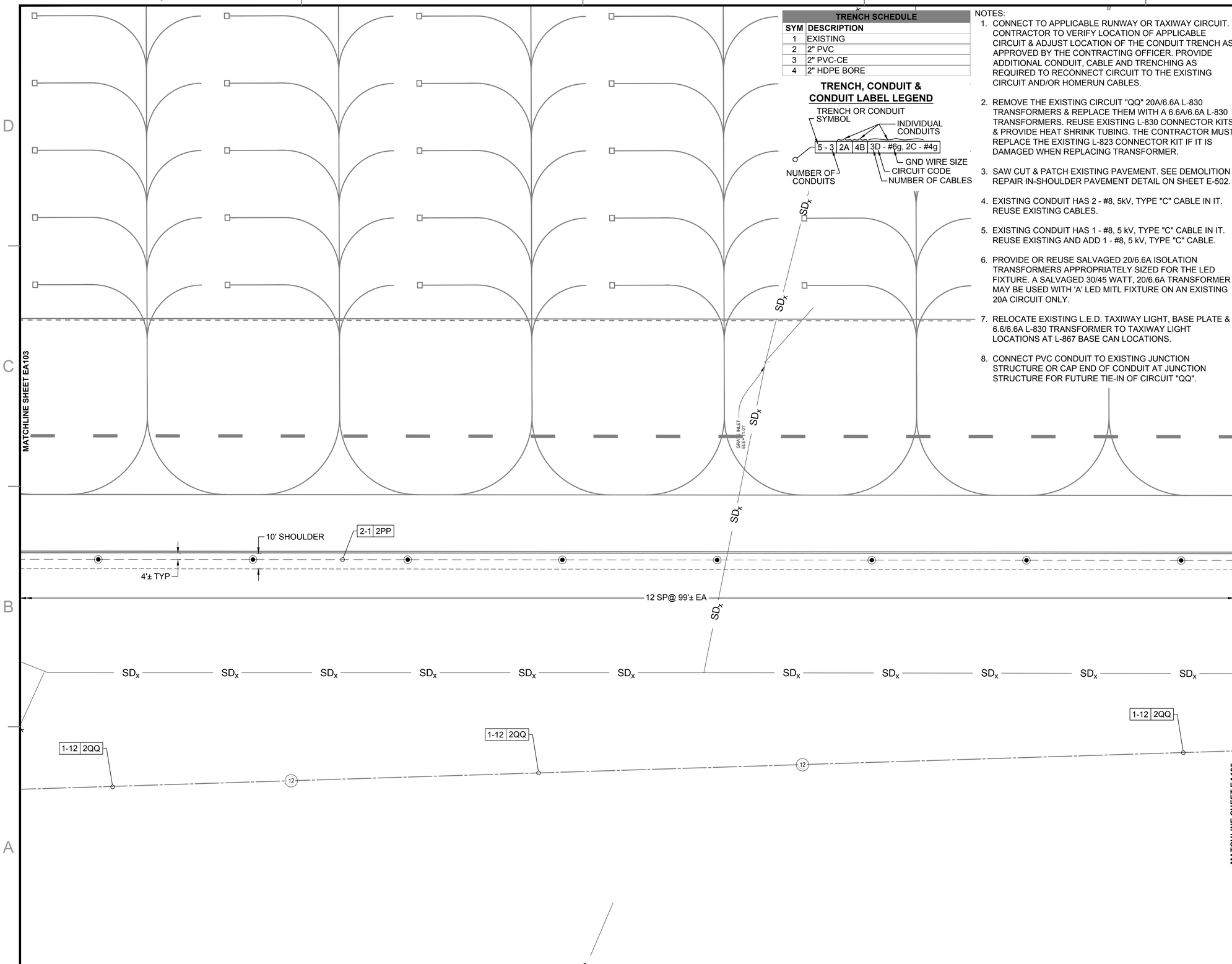
NAVFAC DRAWING NO.
15095420

SHEET 107 OF 117

EA103

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\132443-E-ALELE.dwg LAYOUT NAME: EA103 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

TRENCH OR CONDUIT SYMBOL — INDIVIDUAL CONDUITS

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

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

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

KEY MAP

EA101 EA102 EA103 EA104 EA105 EA106 EA107 EA108

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
	L-852T(L) IN-PAVEMENT MITL (RED)
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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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

leidos
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9711 Farrar Court, Suite 100
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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 MAIN PARKING APRON

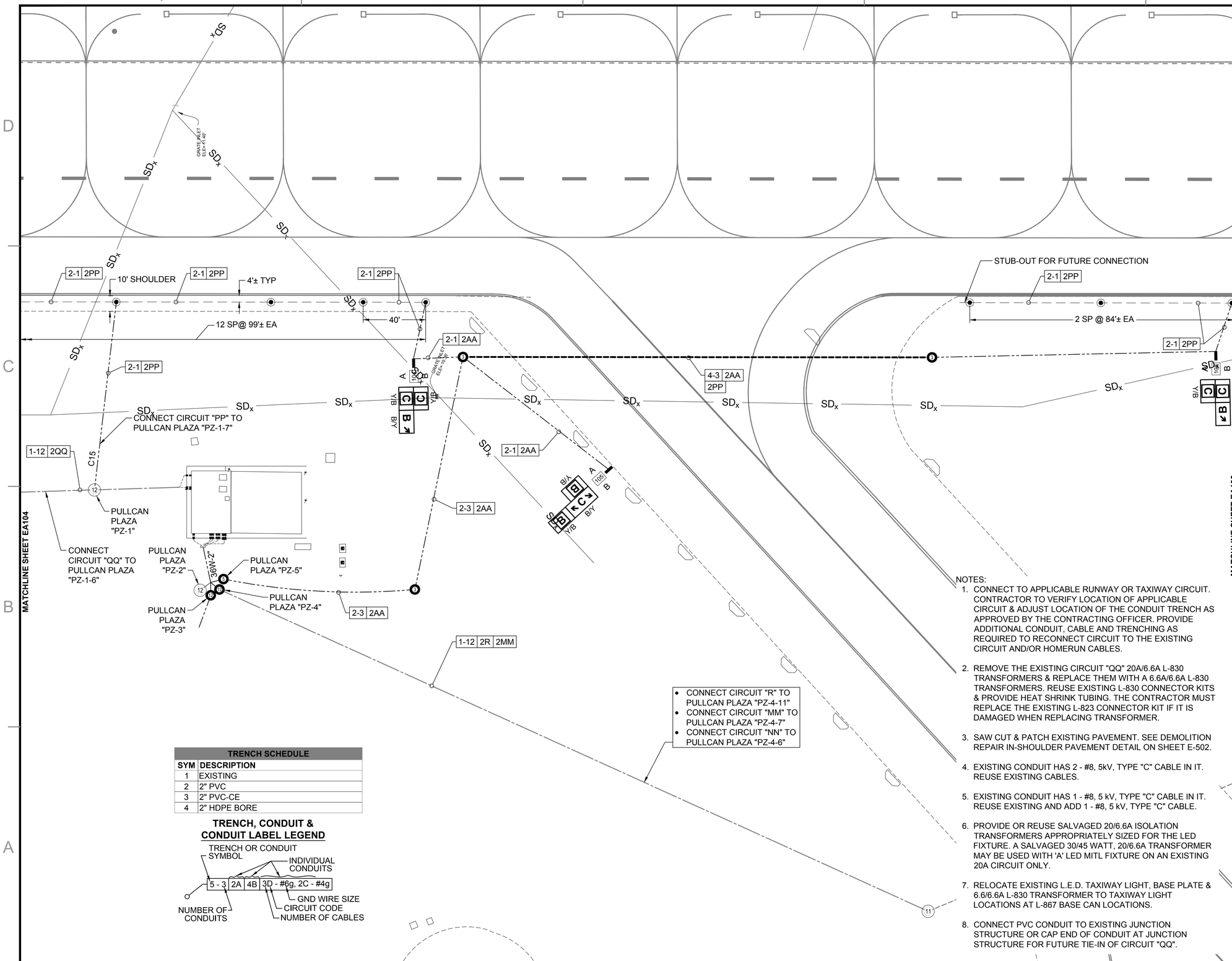
ELECTRICAL LAYOUT

SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095421
SHEET 108 OF 117

EA104

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\130243-E-ALELE.dwg LAYOUT NAME: EA104 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



TRENCH SCHEDULE

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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

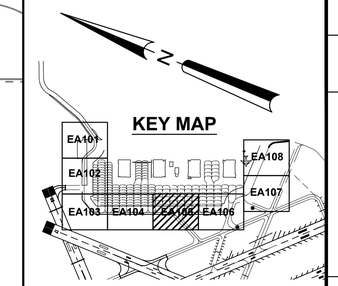
TRENCH OR CONDUIT SYMBOL — INDIVIDUAL CONDUITS

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

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

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".



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
	L-852T(L) IN-PAVEMENT MITL (RED)
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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

leidos — LEIDOS ENGINEERING, LLC, ONE WEST 3RD ST., TULSA, OK 74103

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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
MAIN PARKING APRON
ELECTRICAL LAYOUT

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

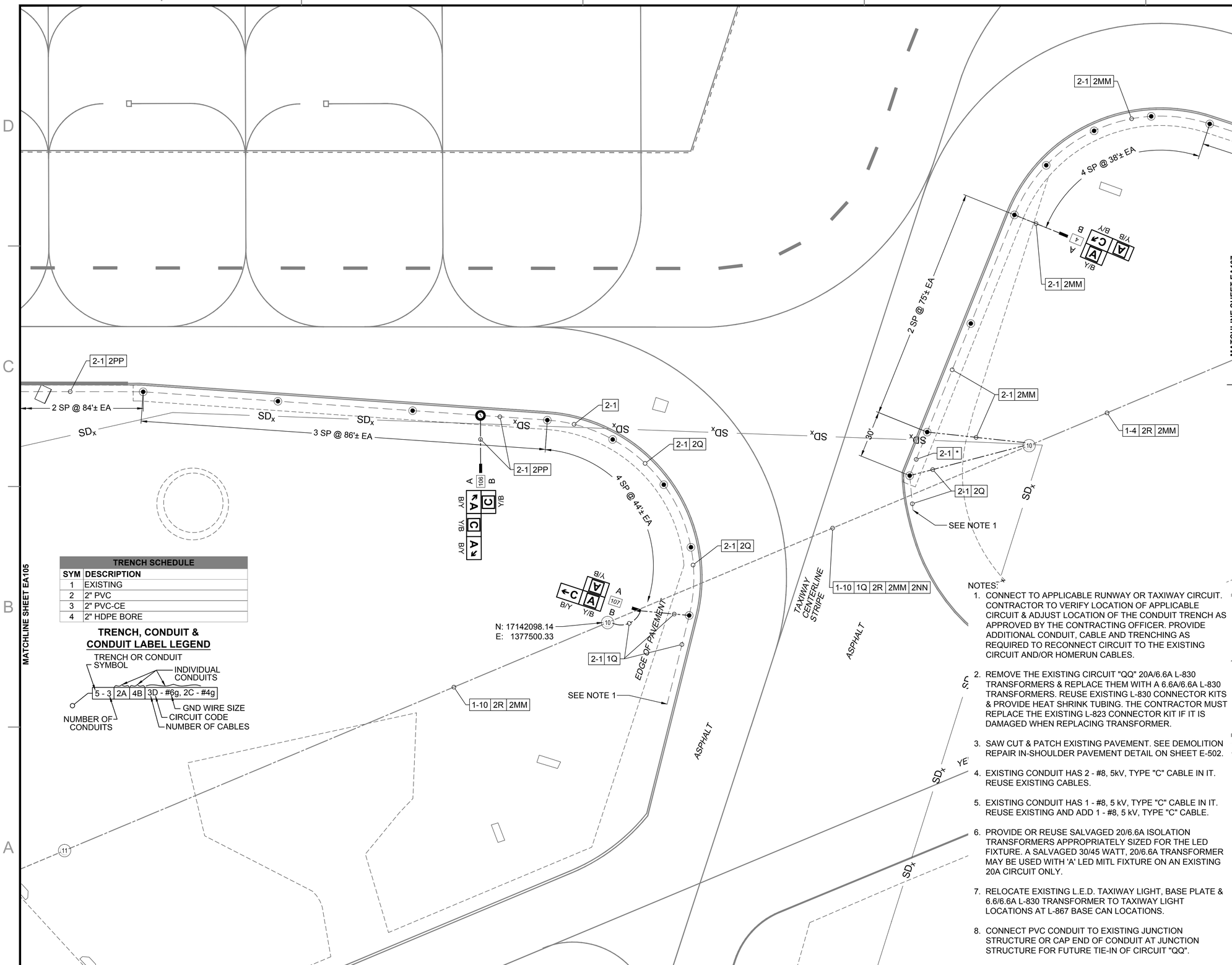
NAVFAC DRAWING NO. 15095422

SHEET 109 OF 117

EA105

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\140723\04 CAD\05-Apron\132443-E-ALELE.dwg LAYOUT NAME: EA105 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

TRENCH OR CONDUIT SYMBOL

INDIVIDUAL CONDUITS

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

GND WIRE SIZE

NUMBER OF CONDUITS

CIRCUIT CODE

NUMBER OF CABLES

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

KEY MAP

EA101 EA102 EA103 EA104 EA105 EA106 EA107 EA108

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
	L-852T(L) IN-PAVEMENT MITL (RED)
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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

leidos
LEIDOS ENGINEERING, LLC
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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 MAIN PARKING APRON

ELECTRICAL LAYOUT

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

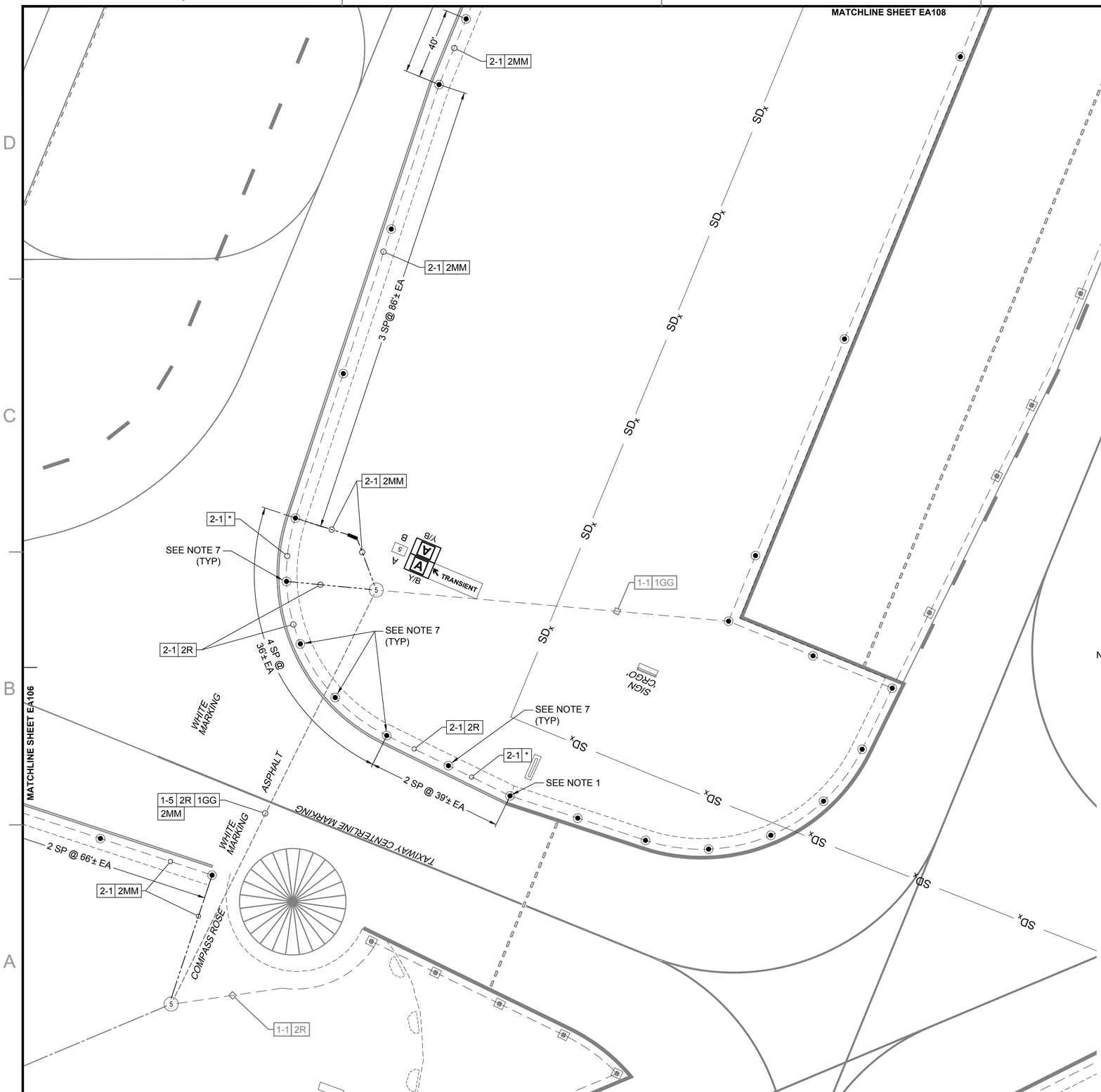
NAVFAC DRAWING NO.
15095423

SHEET 110 OF 117

EA106

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\132443-E-ALELE.dwg LAYOUT NAME: EA106 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND

TRENCH OR CONDUIT SYMBOL

INDIVIDUAL CONDUITS

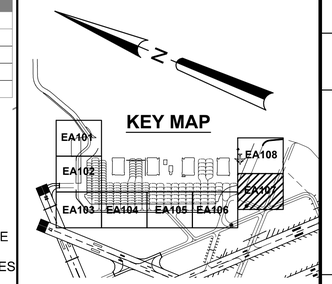
5 - 3 | 2A | 4B | 3D - #6g, 2C - #4g

NUMBER OF CONDUITS

GND WIRE SIZE

CIRCUIT CODE

NUMBER OF CABLES



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
	L-852T(L) IN-PAVEMENT MITL (RED)
R G	L-862E (L) BASE MOUNTED THRESHOLD LIGHT
#	L-867 ELECTRICAL PULLCAN (# INDICATES NUMBER OF CANS)
	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
	FUTURE TRENCH IN PAVEMENT

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
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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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

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
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LICENSED PROFESSIONAL ENGINEER
6 NOV 15

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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
CBL CORE

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE

NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI AIRFIELD REPAIRS MAIN PARKING APRON

ELECTRICAL LAYOUT

SCALE: 1" = 30'

EPROJECT NO.:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
15095424

SHEET 111 OF 117

EA107

DRAWFORM REVISION: 5 APRIL 2012

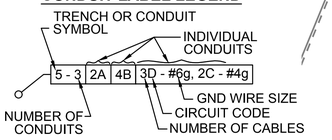
FILE NAME: N:\140723\04 CAD\05-Apron\132443-E-ALELE.dwg LAYOUT NAME: EA107 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm

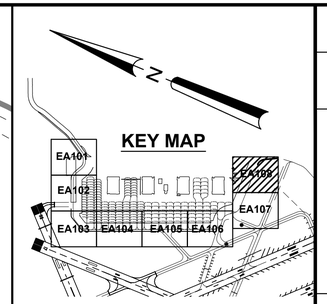
NOTES:

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 CIRCUIT "QQ" 20A/6.6A L-830 TRANSFORMERS & REPLACE THEM WITH A 6.6A/6.6A L-830 TRANSFORMERS. 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 TRANSFORMER.
3. SAW CUT & PATCH EXISTING PAVEMENT. SEE DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL ON SHEET E-502.
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. PROVIDE 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 'A' LED MITL FIXTURE ON AN EXISTING 20A CIRCUIT ONLY.
7. RELOCATE EXISTING L.E.D. TAXIWAY LIGHT, BASE PLATE & 6.6/6.6A L-830 TRANSFORMER TO TAXIWAY LIGHT LOCATIONS AT L-867 BASE CAN LOCATIONS.
8. CONNECT PVC CONDUIT TO EXISTING JUNCTION STRUCTURE OR CAP END OF CONDUIT AT JUNCTION STRUCTURE FOR FUTURE TIE-IN OF CIRCUIT "QQ".

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

TRENCH, CONDUIT & CONDUIT LABEL LEGEND





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
	L-852T(L) IN-PAVEMENT MITL (RED)
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
	FUTURE TRENCH IN PAVEMENT

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
L	RUNWAY 13R - 31L EDGE	#8, 5kV, TYPE C
M	RUNWAY 13L-31R EDGE	#8, 5kV, TYPE C
N	WIND CONE TAXIWAY S	#10, 600v, 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
DD	WIND CONE RUNWAY 35	#10, 600v, TYPE C
EE	WIND CONE RUNWAY 13L	#10, 600v, TYPE C
FF	WIND CONE RUNWAY 31L	#10, 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	

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

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

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Delta Project No. 14072 A/E INFO

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

DEPARTMENT OF THE NAVY
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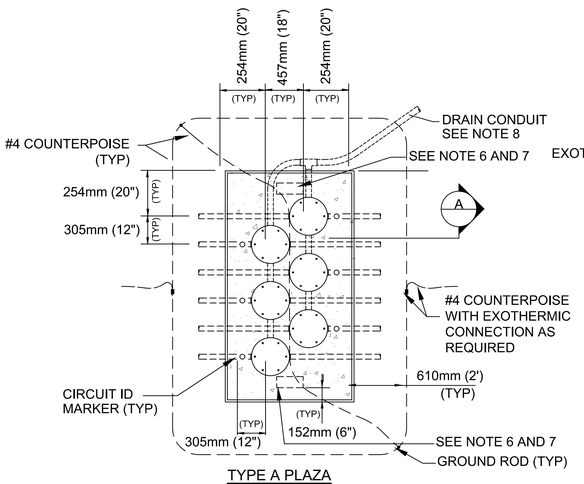
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL LAYOUT

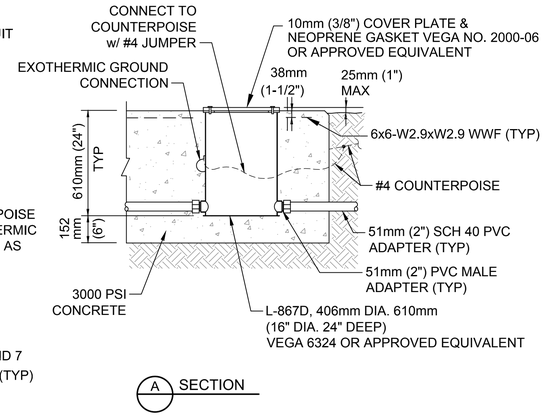
SCALE: 1" = 30'
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095425
SHEET 112 OF 117
EA108

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\130243-E-ALELE.dwg LAYOUT NAME: EA108 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



TYPE A PLAZA



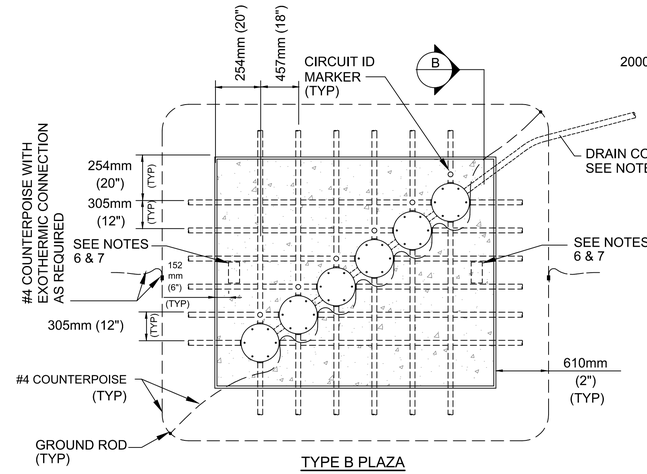
A SECTION

1 JUNCTION CAN PLAZA, TYPE A

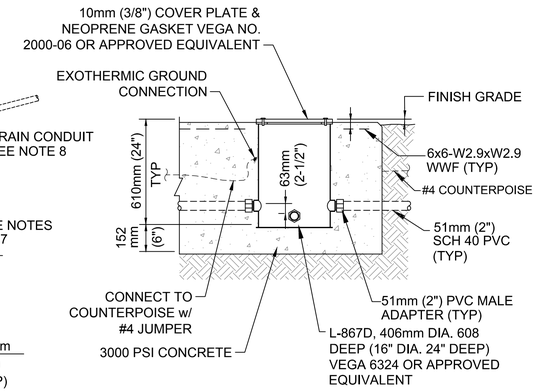
SCALE: NTS

NOTES:

1. NUMBER OF JUNCTION CANS AND CONDUIT CONFIGURATIONS VARY. SEE LAYOUT PLAN SHEETS FOR ORIENTATION.
2. CONDUITS WHICH ARE NOT USED IN THE PROJECT MUST BE CAPPED 304mm (12") OUTSIDE OF PLAZA CONCRETE.
3. ORIENT PLAZA AS SHOWN ON LAYOUT PLAN SHEETS.
4. CONTRACTOR MUST PROVIDE A 51mm (2") DIA DOMED BRONZE MARKER AT EACH JUNCTION CAN AS SHOWN. MARKER MUST BE STAMPED WITH CIRCUIT IDENTIFICATION AS SHOWN ON LAYOUT PLAN SHEETS.
5. PROVIDE GROUND RODS AND GROUND LOOP AT ALL JUNCTION CAN PLAZAS AS SHOWN. PROVIDE TWO GROUND RODS PER PLAZA LOCATED AT OPPOSITE CORNERS. COUNTERPOISE MUST BE LOCATED NOMINALLY 304mm (12") BELOW EXISTING GRADE.
6. CONTRACTOR MUST LABEL 2 ENDS OF EACH JUNCTION CAN PLAZA (JCP) BY IMPRESSING THE JCP IDENTIFICATION NUMBER INTO THE CONCRETE FOUNDATION DURING PLACEMENT. LETTERS AND NUMBERS MUST BE 102mm (4") IN HEIGHT, PROPORTIONAL IN WIDTH, AND HAVE A STROKE WIDTH OF 13mm (1/2") AND 6mm (1/4") DEPTH.
7. SEE LAYOUT PLAN SHEETS FOR JCP IDENTIFICATION NUMBERS.
8. DRAINS NOT REQUIRED FOR THIS PROJECT. DRAIN CONDUIT BETWEEN CANS NOT REQUIRED FOR THIS PROJECT.



TYPE B PLAZA



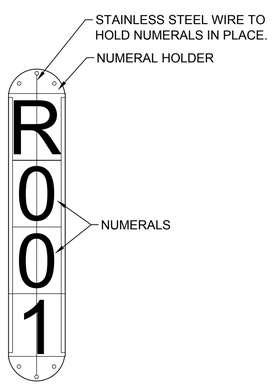
B SECTION

2 JUNCTION CAN PLAZA, TYPE B

SCALE: NTS

NOTES:

1. NUMBER OF JUNCTION CANS AND CONDUIT CONFIGURATIONS VARY. SEE LAYOUT PLAN SHEETS FOR ORIENTATION.
2. CONDUITS WHICH ARE NOT USED IN THE PROJECT SHALL BE CAPPED 304mm (12") OUTSIDE OF PLAZA CONCRETE.
3. ORIENT PLAZA AS SHOWN ON LAYOUT PLAN SHEETS.
4. CONTRACTOR MUST PROVIDE A 51mm (2") DIA DOMED BRONZE MARKER AT EACH JUNCTION CAN AS SHOWN. MARKER MUST BE STAMPED WITH CIRCUIT IDENTIFICATION AS SHOWN ON LAYOUT PLAN SHEETS.
5. PROVIDE GROUND RODS AND GROUND LOOP AT ALL JUNCTION CAN PLAZAS AS SHOWN. PROVIDE TWO GROUND RODS PER PLAZA LOCATED AT OPPOSITE CORNERS. COUNTERPOISE MUST BE LOCATED NOMINALLY 304mm (12") BELOW EXISTING GRADE.
6. CONTRACTOR SHALL LABEL 2 ENDS OF EACH JUNCTION CAN PLAZA (JCP) BY IMPRESSING THE JCP IDENTIFICATION NUMBER INTO THE CONCRETE FOUNDATION DURING PLACEMENT. LETTERS AND NUMBERS MUST BE 102mm (4") IN HEIGHT, PROPORTIONAL IN WIDTH, AND HAVE A STROKE WIDTH OF 13mm (1/2") AND 6mm (1/4") DEPTH.
7. SEE LAYOUT PLAN SHEETS FOR JCP IDENTIFICATION NUMBERS.
8. DRAINS NOT REQUIRED FOR THIS PROJECT. DRAIN CONDUIT BETWEEN CANS NOT REQUIRED FOR THIS PROJECT.

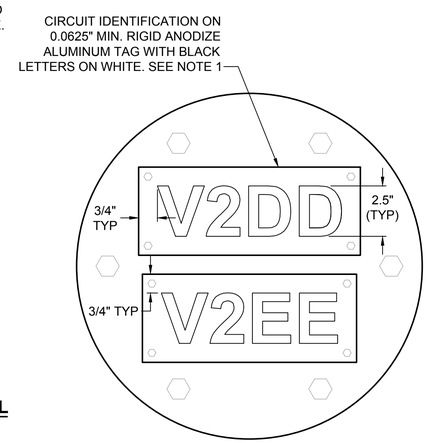


3 LIGHT FIXTURE IDENTIFICATION TAG DETAIL

SCALE: NTS

NOTES:

1. THE CONTRACTOR MUST FURNISH AND INSTALL NUMBER TAGS ON ALL LIGHTS. THE TAGS MUST BE REFLECTIVE AND MUST BE "E-Z TAG" AS MANUFACTURED BY ALMATEK, OR APPROVED EQUAL. EACH TAG MUST BE A VERTICAL CONFIGURATION, CONSISTING OF A HOLDER AND NUMERALS.
2. THE NUMBER TAG WILL CONSIST OF ONE LETTER (R OR C) PROCEEDED BY THREE NUMBERS. THE NUMBER SEQUENCE MUST BE AS DEFINED ON THE PLANS.

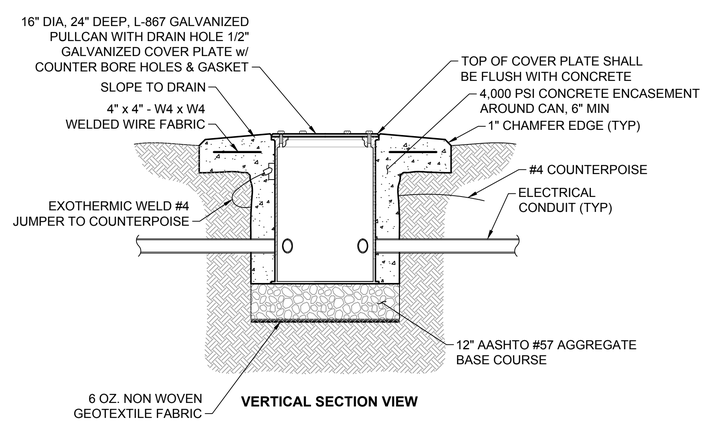


4 PULLCAN LID LABEL DETAIL

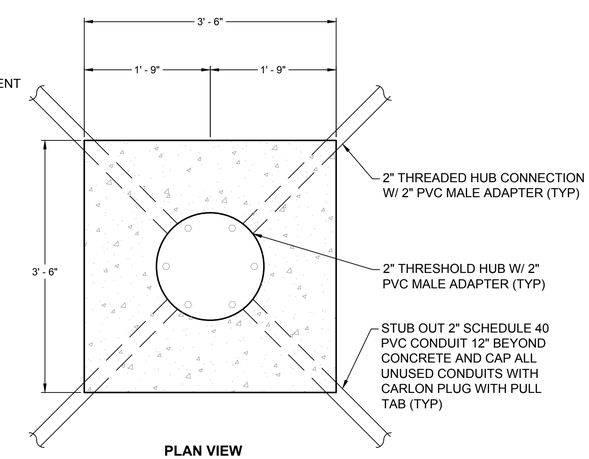
SCALE: NTS

NOTE:

1. PROVIDE HIGH PERFORMANCE ADHESIVE BACKING AND 4-3/16" DIA. HOLE FOR MECHANICAL ATTACHMENT WITH S.S. HEX HEAD WASHER SELF TAPPING SCREWS. PROVIDE SAMPLE TAG FOR APPROVAL BY THE CONTRACTING OFFICER.



VERTICAL SECTION VIEW



PLAN VIEW

5 PULLCAN DETAIL

SCALE: NTS

NOTES:

1. ADJUST ORIENTATION OF CONDUIT TO MATCH FIELD CONDITIONS.
2. MULTI CANS MAY BE INSTALLED IN THE SAME PAD. PROVIDE A MINIMUM SPACING OF 2'-0" C-C BETWEEN CANS AND 1'-9" FROM THE CENTER OF THE CAN TO THE EDGE OF THE PAD.
3. COVER PLATE MUST BE FLUSH WITH TOP OF CONCRETE. PROVIDE 1/8" TO 1/4" GAP BETWEEN CONCRETE AND COVER PLATE.
4. CONTRACTOR MUST PROVIDE A LABEL INDICATING THE CIRCUIT(S) ID (2.5" HIGH) ON THE APPROPRIATE CAN LID FOR CIRCUIT IDENTIFICATION. SEE "PULLCAN LID LABEL DETAIL". DO NOT LABEL SPARE PULLCANS.

SYM	DESCRIPTION	DATE	APPR
0	ISSUED FOR BID	6 NOV 15	

NAVFAC

STATE OF TEXAS
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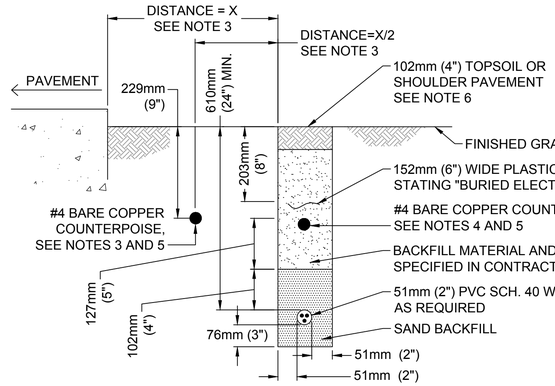
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
ELECTRICAL DETAILS

SCALE: NTS
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095426
SHEET 113 OF 117
E-501

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1302443-E-E501.dwg LAYOUT NAME: E501 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm



1 DIRECT BURIED DUCT/CONDUIT DETAIL

SCALE: NTS

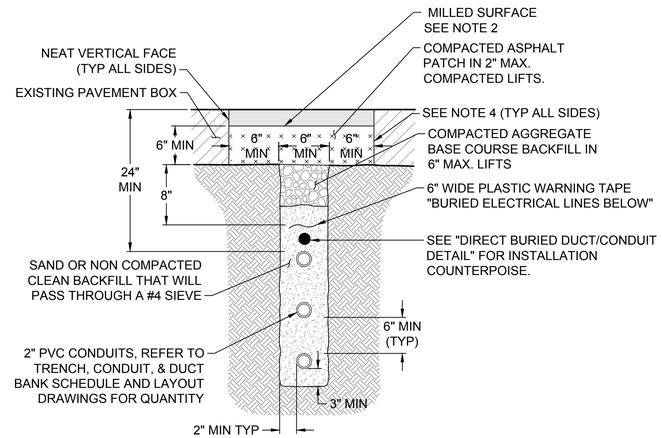
NOTES:

1. WHEN MORE THAN ONE DUCT/CONDUIT IS PROVIDED, MAINTAIN A MINIMUM SEPARATION BETWEEN DUCTS/CONDUITS OF 51mm (2").
2. DUCTS UNDER FULL STRENGTH PAVEMENT MUST BE CONCRETE ENCASED WITH A MINIMUM OF 76mm (3") ENCASEMENT ON TOP, BOTTOM AND SIDES. REFER TO FIGURE 6, CONCRETE ENCASED DUCT BANK DETAILS, FOR ADDITIONAL REQUIREMENTS.
3. WHERE TRENCH RUNS PARALLEL TO PAVEMENT, LOCATE COUNTERPOISE HALFWAY BETWEEN PAVEMENT AND TRENCH. PROVIDE COUNTERPOISE 229mm (9") BELOW FINISHED GRADE.
4. COUNTERPOISE LOCATION FOR DIRECT BURIED DUCT/CONDUIT NOT RUNNING PARALLEL TO PAVEMENT.
5. WHERE SOIL IS CONSIDERED HIGHLY CORROSIVE (<10,000 OHM-CM RESISTIVITY), THE SIZE OF THE COUNTERPOISE MUST BE #1/0 AWG.
6. WHERE DUCT/CONDUIT IS BELOW SHOULDER PAVEMENT PATCH TRENCH WITH MATERIAL THAT MATCHES EXISTING PAVEMENT.

2 TRENCH, CONDUIT, & DUCT BANK NOTES

SCALE: NTS

1. ROUTE 5kV CABLES IN LOWER LEVEL CONDUITS WHERE POSSIBLE. DO NOT ROUTE DIFFERENT VOLTAGE CLASSIFICATION CABLES IN THE SAME CONDUIT.
2. GROUND RODS MUST ALSO BE USED TO TERMINATE COUNTERPOISE AT BOTH ENDS OF TRENCH, CONDUIT RUN, OR DUCT BANK.
3. PROVIDE CABLE TAGS FOR EACH CABLE OR WIRE AT DUCT ENTRANCES ENTERING OR LEAVING OF MANHOLES, HANDHOLES, AND AT EACH TERMINAL WITHIN THE LIGHTING VAULT. USE RAISED LETTER NOT LESS THAN 1/4 INCH IN HEIGHT (REF UFGS-34 43 Art 2.4.5).



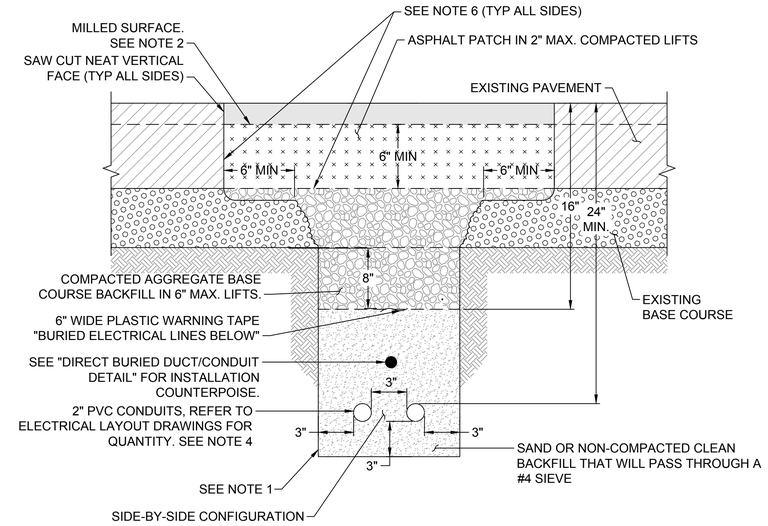
SINGLE COLUMN CONFIGURATION
SHOULDER PAVEMENT

4 CONDUIT DETAIL - TRENCHED THROUGH EXISTING HMA PAVEMENT (2" PVC)

SCALE: NTS

NOTES:

1. THE ILLUSTRATION SHOWN ABOVE OF THE 3-WAY SINGLE COLUMN CONDUIT RUNS ARE FOR CONFIGURATION PURPOSES ONLY. SEE TRENCH, CONDUIT, & DUCT BANK SCHEDULE AND LAYOUT DRAWINGS FOR CONDUIT QUANTITY. SEE ELECTRICAL NOTES SHEET FOR TRENCH, CONDUIT, & DUCT BANK NOTES.
2. IN A NON-MILLED SHOULDER AREA, THE ASPHALT PATCH MUST MATCH THE EXISTING PAVEMENT SURFACE.
3. COMPACTED AGGREGATE BASE COURSE MUST BE COMPACTED TO A 98% MIN. DENSITY @ ±3% OPTIMUM MOISTURE CONTENT PER ASTM D698.
4. PRIOR TO PAVING, APPLY A BITUMINOUS PRIME COAT ON ALL VERTICAL ASPHALT AND ALL HORIZONTAL AGGREGATE BASE COURSE SURFACES AT A RATE OF ~0.15 GALLONS PER SQ. YARD.

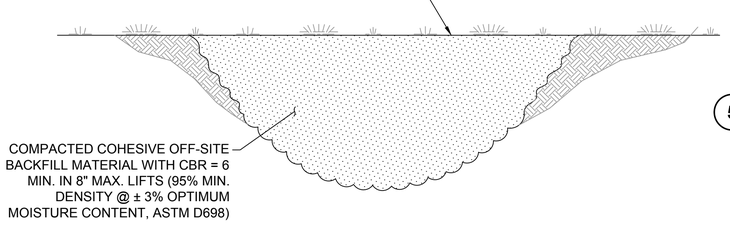


6 CONDUIT DETAIL - CUT & PATCH IN-SHOULDER PAVEMENT

SCALE: NTS

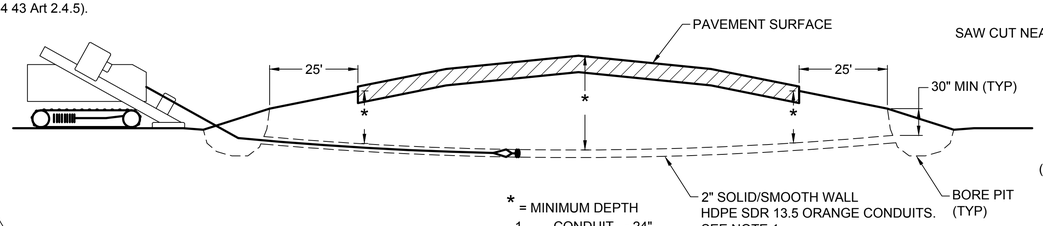
NOTES:

1. PRIOR TO BACKFILLING, CLEAN-OUT EXCAVATED AREA OF ALL LOOSE MATERIAL TO EXPOSE UNDISTURBED EDGES.
2. IN A NON-MILLED SHOULDER AREA, THE ASPHALT PATCH MUST MATCH THE EXISTING PAVEMENT SURFACE.
3. SPACE GROUND RODS AT 500' MAX. INTERVALS. BOND COUNTERPOISE TO GROUND ROD WITH #4 BARE COPPER CONDUCTOR, EXOTHERMIC WELD BOTH ENDS.
4. IF MORE THAN TWO 2" CONDUITS ARE INSTALLED SIDE-BY-SIDE, INCREASE THE DEPTH OF THE TOP CONDUITS BY AN ADDITIONAL 6" FOR EACH ADDITIONAL CONDUIT INSTALLED SIDE-BY-SIDE. VERTICALLY STACKED CONDUITS MUST HAVE 6" MIN. CLEARANCE BETWEEN THEM.
5. COMPACTED AGGREGATE BASE COURSE MUST BE COMPACTED TO A 98% MIN. DENSITY @ ±3% OPTIMUM MOISTURE CONTENT PER ASTM D698.
6. PRIOR TO PAVING, APPLY A BITUMINOUS PRIME COAT ON ALL EXISTING ASPHALT AND ALL HORIZONTAL AGGREGATE BASE COURSE SURFACES AT A RATE OF ~0.15 GALLONS PER SQ. YARD.



3 DEMOLITION/REPAIR IN TURF AREA DETAIL

SCALE: NTS



* = MINIMUM DEPTH

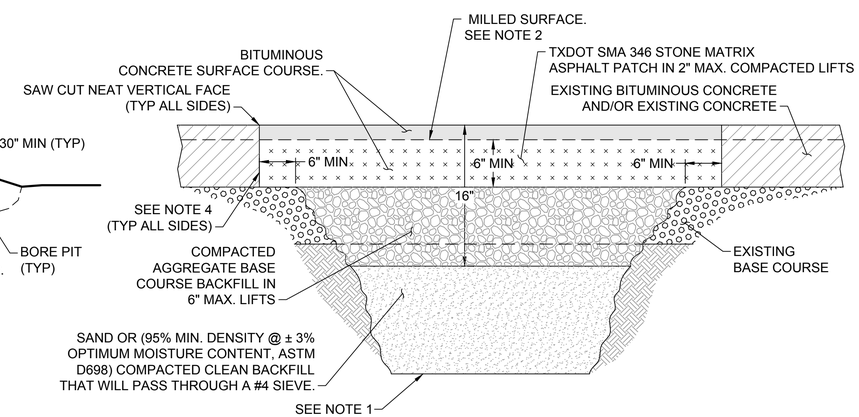
1	CONDUIT	- 24"
2-3	CONDUITS	- 36"
4-5	CONDUITS	- 48"
6-8	CONDUITS	- 60"
9-10	CONDUITS	- 72"

5 2" HDPE DIRECTIONAL BORING UNDER PAVEMENT DETAIL

SCALE: NTS

NOTE:

1. ATTACH 1-#4 BARE STRANDED COPPER WIRE TO THE OUTSIDE OF THE HDPE CONDUIT OR GROUP OF CONDUITS WHEN INSTALLING THE CONDUITS. CONNECT THE #4 BARE WIRE TO THE CONTINUING TRENCH COUNTERPOISE WITH EXOTHERMIC WELDS. PROVIDE AND CONNECT A 3/4" x 10' COPPER GROUND ROD AT EACH BORE PIT AND/OR BORE TERMINATION LOCATION.



7 DEMOLITION REPAIR IN-SHOULDER PAVEMENT DETAIL

SCALE: NTS

NOTES:

1. PRIOR TO BACKFILLING, CLEAN-OUT EXCAVATED AREA OF LOOSE MATERIALS TO EXPOSE UNDISTURBED EDGES.
2. IN A NON-MILLED SHOULDER AREA, THE ASPHALT PATCH MUST MATCH THE EXISTING PAVEMENT SURFACE.
3. COMPACTED AGGREGATE BASE COURSE MUST BE COMPACTED TO A 98% MIN. DENSITY @ ±3% OPTIMUM MOISTURE CONTENT PER ASTM D698.
4. PRIOR TO PAVING, APPLY A BITUMINOUS PRIME COAT ON EXISTING ASPHALT AND HORIZONTAL AGGREGATE BASE COURSE SURFACES AT A RATE OF ~0.15 GALLONS PER SQ. YARD.

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

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Delta Project No. 14072 A/E INFO

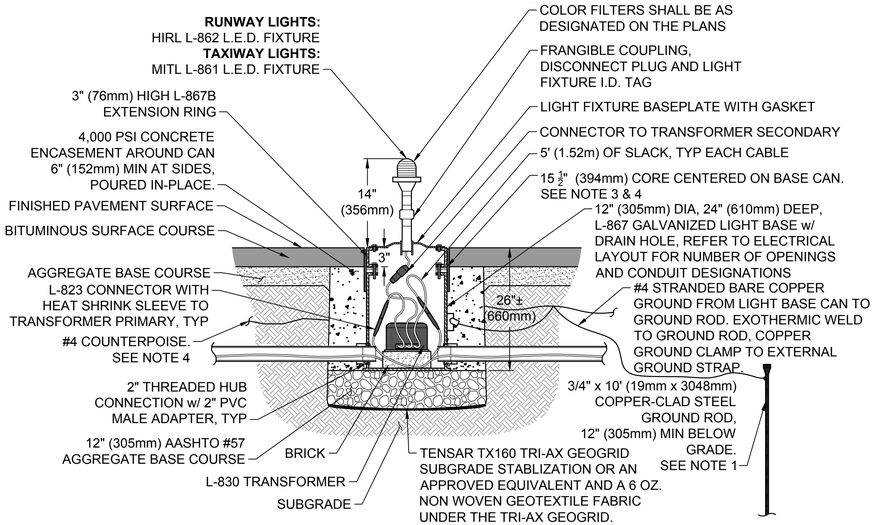
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK MWK
PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENG/ARCH (CORE)

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
MAIN PARKING APRON
ELECTRICAL DETAILS

SCALE: NTS
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
15095427
SHEET 114 OF 117
E-502

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1302443-E-E502.dwg LAYOUT NAME: E502 PLOTTED: Wednesday, November 11, 2015 - 10:08am USER: mrm

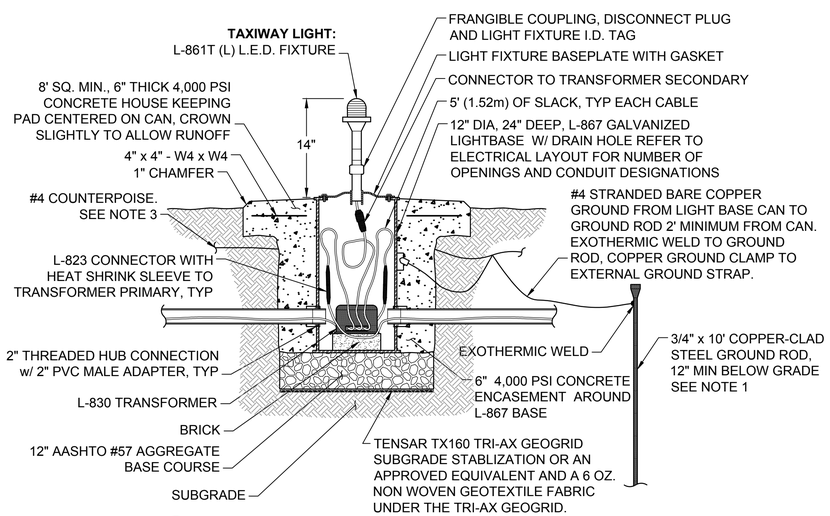


1 L.E.D. RUNWAY & TAXIWAY EDGE LIGHT IN PAVED SHOULDER DETAIL

SCALE: NTS

NOTE:

1. PROVIDE A 3/4" x 10' (19mm X 3048mm) COPPER-CLAD GROUND RODS IN THE TRENCH 3' (76mm) MIN FROM BASE CAN.
2. PROVIDE MUD PLATE, CORE PAVEMENT INSTALL EXTENSION RING AND SPACERS AS REQUIRED. THE EXTENSION RING MUST BE FLUSH WITH THE HIGHEST EDGE OF THE BITUMINOUS CONCRETE FOR DRAINAGE.
3. CORE FULL DEPTH OF BITUMINOUS CONCRETE. FILL VOID BETWEEN PAVEMENT AND EXTENSION RING WITH AN APPROVED NON-SHRINK, NON-METRALIC HYDRAULIC GROUT (4,000 PSI MIN.) THE GROUT MUST BE FLUSH WITH THE TOP OF THE EXTENSION RING AND THE TOP OF THE PAVEMENT.
4. ROUTE COUNTERPOISE AROUND CONCRETE ENCASEMENT TOWARD FULL STRENGTH PAVEMENT

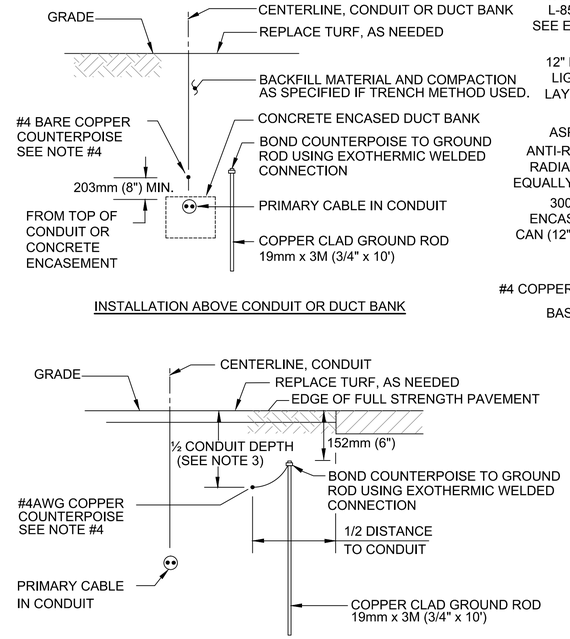


2 L.E.D. TAXIWAY EDGE LIGHT DETAIL

SCALE: NTS

NOTES:

1. PROVIDE A 3/4" x 10' (19mm X 3048mm) COPPER-CLAD GROUND ROD IN THE TRENCH 3' MIN FROM BASE CAN.
2. WHEN THE CONCRETE HOUSEKEEPING PAD ABUTS AN EXISTING PAVEMENT, SAW CUT A STRAIGHT AND NEAT VERTICAL FACE TO PROVIDE A CONCRETE FORMED EDGE WITH THE PAVEMENT.
3. ROUTE COUNTERPOISE AROUND CONCRETE ENCASEMENT TOWARD FULL STRENGTH PAVEMENT

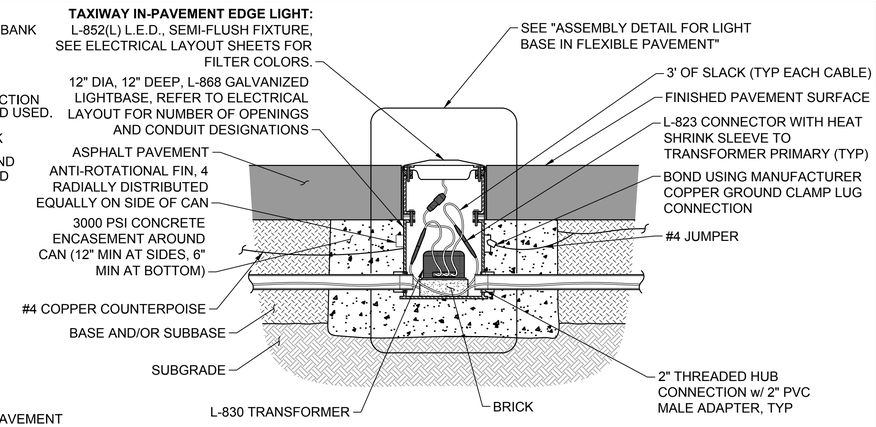


3 COUNTERPOISE & GROUND ROD INSTALLATION DETAIL

SCALE: NTS

NOTES:

1. CONNECT COUNTERPOISE TO EACH LIGHT BASE AND MANHOLES/HANDHOLE GROUNDING COMPONENTS, UNLESS OTHERWISE SPECIFIED.
2. PROVIDE GROUND RODS SPACED MAX. 300M (1000FT).
3. PLACE COUNTERPOISE ON NEXT-TO-LAST LIFT OF COMPACTED BASE MATERIAL UNDER SHOULDER.
4. WHERE SOIL IS CONSIDERED HIGHLY CORROSIVE (<10,000 OHM-CM RESISTIVITY), THE SIZE OF THE COUNTERPOISE MUST BE #1/0 AWG (MIN.).
5. D.E.B. CONDUIT INSTALLATION MUST BE 24" MIN BELOW GRADE TO THE TOP OF THE CONDUIT. CONCRETE ENCASED CONDUIT INSTALLATION MUST BE 30" MIN BELOW GRADE TO THE TOP OF THE ENCASEMENT.

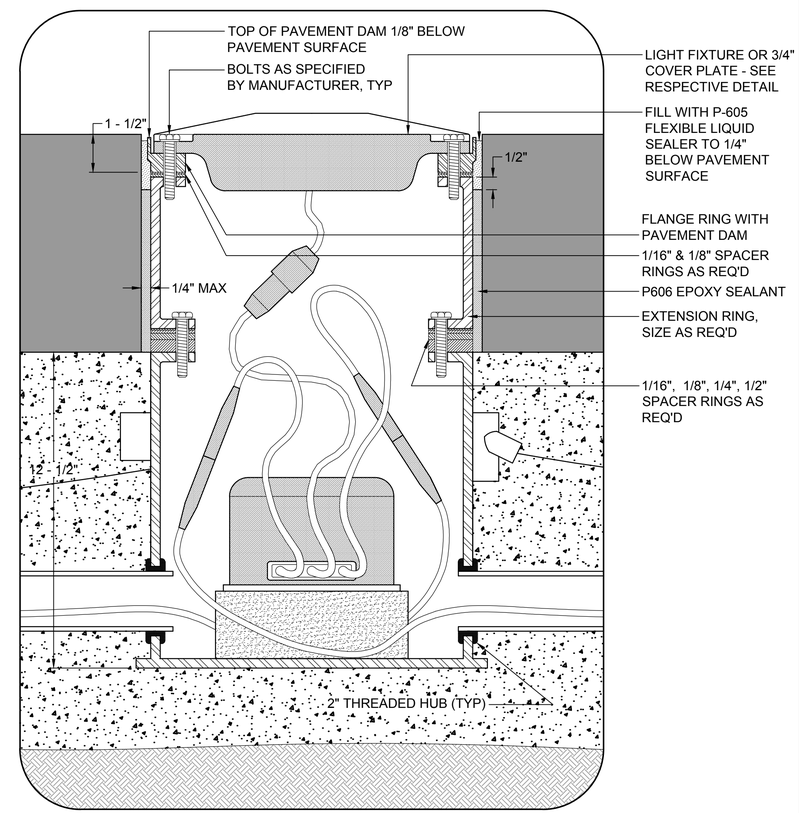


4 L.E.D. TAXIWAY IN-PAVEMENT LIGHT DETAIL

SCALE: NTS

NOTES:

1. USE HIGH EARLY STRENGTH CONCRETE. PROVIDE SUBMITTAL FOR APPROVAL.
2. SEALANT MUST BE DOW CORNING 890-SL SEALANT OR APPROVED EQUIVALENT.
3. SEALANT MUST BE APPLIED SO THAT LIGHT FIXTURE HOUSING IS NOT SEALED TO FLANGE RING.
4. PERIMETER EDGE OF FIXTURE MUST BE FLUSH WITH PAVEMENT SURFACE.
5. ALL DIRECT BURIED BARE WIRE CONNECTIONS MUST BE EXOTHERMIC WELDS ONLY. LUG CONNECTIONS MUST BE USED FOR CONCRETE ENCASED APPLICATIONS.



5 ASSEMBLY DETAIL FOR LIGHT BASE IN FLEXIBLE PAVEMENT

SCALE: NTS

NOTES:

1. P-605 SEALANT MUST BE TYPE 3 COMPATIBLE WITH ASPHALT.
2. SEALANT MUST BE APPLIED SO THAT LIGHT FIXTURE HOUSING IS NOT SEALED TO FLANGE RING.
3. PERIMETER EDGE OF FIXTURE MUST BE FLUSH WITH PAVEMENT SURFACE.

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

leidos — LEIDOS ENGINEERING, LLC, ONE WEST 3RD ST., TULSA, OK 74103

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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 — MAIN PARKING APRON

ELECTRICAL DETAILS

SCALE: NTS

EPROJECT NO.:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15095428

SHEET 115 OF 117

E-503

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\1302443-E-E503.dwg LAYOUT NAME: E504 PLOTTED: Wednesday, November 11, 2015 - 10:09am USER: mrm

SIGN SCHEDULE

SIGN #	DESCRIPTION: PANEL "A"	DESCRIPTION: PANEL "B"	LOCATION ** STATION	LOCATION ** OFFSET	EQUIPMENT SPECIFICATIONS # MODULES *	STYLE	CLASS	MODE	SIZE	COMMENTS
101	S (Y/B) C↑ (B/Y) C→ (B/Y)	S (Y/B)	-	-		2	1	2	2	
102	C (Y/B)	←S (B/Y) C (Y/B) C→ (B/Y)	-	-		2	1	2	2	
103	C (Y/B)	←C (B/Y) C (Y/B) S↑ (B/Y)	-	-		2	1	2	2	
104	C (Y/B) B↗ (B/Y)	C (Y/B)	-	-		2	1	2	2	
105	B (Y/B)	B (Y/B) ↖C↘ (B/Y)	-	-		2	1	2	2	
106	↖A (B/Y) C (Y/B) A↘ (B/Y)	C (Y/B)	-	-		2	1	2	2	
107	A (Y/B)	←C (B/Y) A (Y/B) R↘ (B/Y) D↗ (B/Y)	-	-		2	1	2	2	
108	C (Y/B)	↙B (B/Y) C (Y/B)	-	-		2	1	2	2	
4	A (Y/B)	A (Y/B) C↗ (B/Y)	-	-		2	1	2	2	
5	A (Y/B) TRANSIENT ↗	A (Y/B)	-	-		2	1	2	2	
6	TRANSIENT ↑ A (Y/B)	A (Y/B)	-	-		2	1	2	2	

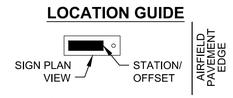
* ESTIMATE - COORDINATE WITH SIGN MANUFACTURER ON EXACT NUMBER OF MODULES

** REFER TO TYPICAL SIGN LAYOUT DETAIL

REFERENCE INFORMATION FROM A/C 150/5345-44H "SPECIFICATIONS FOR RUNWAY AND TAXIWAY SIGNS (28 SEP 07)"

STYLE 1 = 120 VAC
STYLE 2 = 3 STEPS 4.8-6.6 AMPS
STYLE 3 = 5 STEPS 2.8 - 6.6 AMPS OR 8.5 - 20.0 AMPS
STYLE 4 = UNLIGHTED
STYLE 5 = 1 STEP 5.5 AMPS
CLASS 1 = OPERATING TEMPERATURE FROM -4F (-20C) TO +131F (55C)
CLASS 2 = OPERATING TEMPERATURE FROM -40F (-40C) TO +131F (55C)
MODE 1 = WIND LOADING TO 100 MPH
MODE 2 = WIND LOADING TO 200 MPH
MODE 3 = WIND LOADING TO 300 MPH
SIZE 1 = 18" HIGH PANEL WITH 12" CHARACTER
SIZE 2 = 24" HIGH PANEL WITH 15" CHARACTER
SIZE 3 = 30" HIGH PANEL WITH 18" CHARACTER
SIZE 4 = 48" HIGH PANEL WITH 40" CHARACTER
SIZE 5 = 30" HIGH PANEL WITH 25" CHARACTER

LOCATION GUIDE



SIGN COLOR LEGEND

W - WHITE
R - RED
B - BLACK
Y - YELLOW
O - OBSCURED
G - GREEN
C - CLEAR

CHARACTER COLOR
W/R
BACKGROUND COLOR

ELECTRICAL NOTES:

1. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE ONLY AND MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE BEGINNING CONSTRUCTION. SOME UTILITIES ARE NOT NECESSARILY SHOWN.
2. THE CONTRACTOR MUST LOCATE UTILITIES DURING CONSTRUCTION, AND HAND DIG WHEN WITHIN THREE (3) FEET OF KNOWN OR SUSPECTED UNDERGROUND UTILITY.
3. CABLES MUST BE TAGGED AT EACH CONNECTION AND AT EACH ENTRANCE TO DUCTS, HANDHOLES AND PULL CANS. CABLE TAGS MUST BE ALMETEK MINI-TAGS KIT WITH BLACK STAMPED YELLOW POLYETHYLENE LETTERS OR APPROVED EQUIVALENT. ATTACH TAGS WITH CABLE TIES.
4. ELECTRICAL WORK MUST BE COMPLETED IN ACCORDANCE WITH LOCAL CODE AND CURRENT NEC HANDBOOK.
5. THE CONTRACTOR MUST MANUALLY LOCK OUT EACH CIRCUIT AT THE VAULT WHEN WORK IS BEING PERFORMED ON THE CIRCUIT. THE CIRCUIT MUST BE TAGGED AND THE CONTRACTOR'S NAME CLEARLY IDENTIFIED ON EACH TAG WITH AN APPROVED LOCK OUT KIT. THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE MUST BE NOTIFIED EACH TIME A CIRCUIT IS SECURED AND EACH TIME THE CIRCUIT IS RETURNED TO OPERATIONAL STATUS. THE CONTRACTOR MUST BE CERTIFIED AND TRAINED BY THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE PRIOR TO PERFORMING WORK OR LOCK-OUT PROCEDURES IN THE ELECTRICAL VAULT.
6. UNDERGROUND CONDUITS MUST BE PVC, SCHEDULE 40, UNLESS OTHERWISE NOTED. UNDERGROUND CONDUITS MUST BE UL APPROVED. UNDERGROUND CONDUIT BENDS MUST BE LONG RADIUS ANGLES.
7. WHERE CONDUIT IS TO BE CONNECTED TO EXISTING CONDUIT, THE CONTRACTOR MUST MAKE THE CONNECTION USING MANUFACTURED COUPLINGS.
8. FIELD LOCATE EXISTING DUCTS WHICH WILL BE UTILIZED FOR THIS PROJECT. APPROXIMATE LOCATIONS ARE SHOWN.
9. RUNWAY AND/OR TAXIWAY LIGHTS MUST BE DE-ENERGIZED OR PROPERLY COVERED ON CLOSED SEGMENTS OF RUNWAY(S) AND TAXIWAY(S).
10. THE CONTRACTOR MUST FIELD STAKE LIGHTS AND AIRFIELD SIGNS, PRIOR TO INSTALLATION. DISCREPANCIES IN ALIGNMENT OR LOCATION MUST BE RESOLVED PRIOR TO INSTALLATION. THE LOCATION OF HOLD LINES MUST BE CONFIRMED PRIOR TO INSTALLATION OF THE SIGNS. .
11. THE LOCATIONS OF P.T.'S SHOWN ON THE PLANS ARE APPROXIMATE AND MUST BE FIELD VERIFIED AND APPROVED BY THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE.
12. SIGN INSTALLATION MUST BE PERPENDICULAR TO THE RUNWAY OR TAXIWAY CENTERLINE, UNLESS NOTED DIFFERENTLY ON THE PLANS. PRIOR TO INSTALLING THE SIGN FOUNDATION, THE CONTRACTOR MUST VERIFY THE NUMBER OF MODULES AND/OR LENGTH OF EACH SIGN WITH THE MANUFACTURER TO ACCOMMODATE THE SIGN LEGEND/DESCRIPTION.
13. PULLCANS MUST HAVE A 1/2" THICK COVER PLATE WITH COUNTER BORE HOLES AND TWO OPPOSITE HOLES (0,180) TAPPED 1/2" - 13. COVER PLATES MUST BE HOT DIPPED GALVANIZED AFTER FABRICATION. AT THE END OF THE PROJECT, THE CONTRACTOR MUST TURN OVER TO THE CONTRACTING OFFICER FOUR (4) 1/2"-13 EYEBOLTS.
14. PROVIDE TXDOT APPROVED HIGH EARLY STRENGTH CONCRETE (CALCIUM ALUMINATE CEMENT) AS REQUIRED TO MEET A MILESTONE CONSTRUCTION PERIOD. HIGH EARLY STRENGTH CONCRETE MUST ACHIEVE A MINIMUM OF 70% DESIGN STRENGTH PRIOR TO REOPENING A RUNWAY OR TAXIWAY.
15. COORDINATE (AT LEAST 72 HOURS IN ADVANCE) THE INTERRUPTION OF SERVICE TO ACTIVE LIGHTING CIRCUITS WITH THE CONTRACTING OFFICER. DAMAGE TO EXISTING AIRPORT CIRCUITS CAUSED BY THE CONTRACTOR'S EQUIPMENT OR PERSONNEL MUST BE PROMPTLY REPAIRED, BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE. ACTIVE LIGHTING SYSTEMS FOR OPEN AIRCRAFT OPERATIONAL AREAS (AOA) MUST REMAIN READY FOR OPERATION DURING IFR WEATHER CONDITIONS AND FROM DUSK TO DAWN.
16. PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST INVENTORY THE LIGHTS, FIXTURES, SIGNS, ETC., WITHIN THE PROJECT LIMITS. THE CONTRACTOR MUST ADVISE THE CONTRACTING OFFICER, IN WRITING, OF THE DAMAGED LIGHT FIXTURES, SIGNS, OR UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION.
17. FOR LIGHTING CIRCUITS REMAINING IN OPERATION, THE CONTRACTOR MUST MEGGAR THE EXISTING LIGHTING CIRCUIT PRIOR TO BEGINNING WORK AND AT THE END OF EACH DAY'S WORK. THIS WORK MUST BE PERFORMED IN THE PRESENCE OF THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE AND LOGGED IN THE DAILY REPORT. IF THERE IS A DROP IN THE MEGGARED CIRCUIT VALUES, THE CONTRACTOR MUST DETERMINE THE LOCATION OF THE PROBLEM AT THE CONTRACTOR EXPENSE. IF THE PROBLEM IS DUE TO THE CONTRACTOR'S WORK, THE APPLICABLE CIRCUITS MUST BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CONTRACTING OFFICER.
18. THE CONTRACTOR MUST HAVE A TONE GENERATOR TYPE CABLE TRACER ON SITE TO LOCATE EXISTING CABLES.
19. THE CONTRACTOR MAY BE REQUIRED TO CONNECT THE CIRCUITS TO THE EXISTING CIRCUITS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. WORK REQUIRED TO MAKE THE CONNECTIONS TO THE EXISTING CIRCUITS WILL BE CONSIDERED INCIDENTAL TO THE PROJECT (I.E., PUNCHING INTO EXISTING MANHOLES, LIGHT BASES, JUNCTION STRUCTURES FOR CONDUITS).
20. GROUND RODS AND OTHER UNDERGROUND GROUNDING CONNECTIONS MUST BE EXOTHERMICALLY WELDED, UNLESS OTHERWISE NOTED. EXOTHERMIC CONNECTIONS MUST BE IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES. THE COUNTERPOISE SYSTEM MUST BE CONNECTED WITH THE EXISTING SYSTEM AT CROSSING POINTS.
21. EXISTING LIGHTING FIXTURES REMOVED WILL REMAIN THE PROPERTY OF THE GOVERNMENT AND STORED AT THE AIRPORT AT A LOCATION AS ORDERED BY THE CONTRACTING OFFICER UNLESS OTHERWISE NOTED. EXISTING 20A/6.6A L-830 ISOLATION TRANSFORMERS REMOVED MUST BE DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
22. AT THE BEGINNING OF THE PROJECT, THE CONTRACTOR MUST PROVIDE THE CONTRACTING OFFICER WITH TWO (2) COPIES OF MANUFACTURERS' EQUIPMENT INSTALLATION INSTRUCTIONS.
23. AT THE PROJECT COMPLETION, THE CONTRACTOR MUST PROVIDE A FOUR (4) HOUR MINIMUM TRAINING SESSION FOR AIRPORT MAINTENANCE PERSONNEL. THE SESSION WILL COVER THE INSTALLED EQUIPMENT.
24. AT THE PROJECT COMPLETION, THE CONTRACTOR MUST PROVIDE A COMPLETE MAINTENANCE MANUAL BOUND IN A THREE-RING NOTEBOOK. THE MANUAL SHALL CONTAIN THE FOLLOWING AS A MINIMUM:
    - AS-BUILT WIRING SCHEMATICS
    - EQUIPMENT SHOP DRAWINGS SUBMITTALS
    - MANUFACTURERS' EQUIPMENT INSTALLATION INSTRUCTIONS
    - MANUFACTURERS' MAINTENANCE INSTRUCTIONS
    - WARRANTIES
    - SPARE PARTS LISTS
25. SPLICES MUST BE MADE ONLY AT OUTLETS, JUNCTION BOXES OR ACCESSIBLE RACEWAY. SPLICES IN MANHOLES AND PULLCANS MUST BE MADE WITH L-823 CONNECTOR KITS, 3M SKOTCHCAST EPOXY RESIN KIT OR APPROVED EQUIVALENT.
26. ANTI-SEIZE COMPOUND MUST BE APPLIED TO THE BOLTS FOR PULLCANS, LIGHT BASES & EXTERIOR JUNCTION BOXES.
27. UNLESS OTHERWISE NOTED, BACKFILL MATERIAL AND COMPACTION MUST BE AS SPECIFIED IN CONTRACT DOCUMENTS.
28. AT EACH LIGHT FIXTURE AND PULLCAN PLAZA, PROVIDE 7' MINIMUM SLACK FOR EACH CABLE SO THAT EACH CONNECTION AND/OR FUTURE CONNECTION TO A CABLE CAN BE MADE OUTSIDE THE STRUCTURE.

SYM	DESCRIPTION	DATE	APPR
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NAVFAC

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

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DEPARTMENT OF THE NAVY
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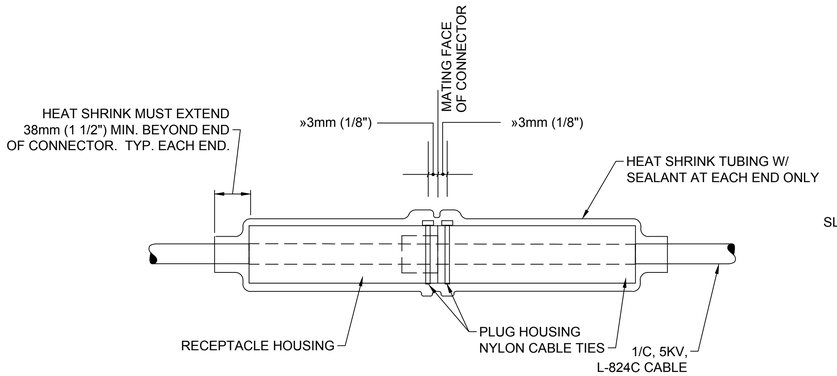
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
SIGN SCHEDULE

SCALE: NTS
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095429
SHEET 116 OF 117
E-701

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: N:\14072\04 CAD\05-Apron\13024A3-E-E701.dwg LAYOUT NAME: E701 PLOTTED: Wednesday, November 11, 2015 - 10:09am USER: mrm

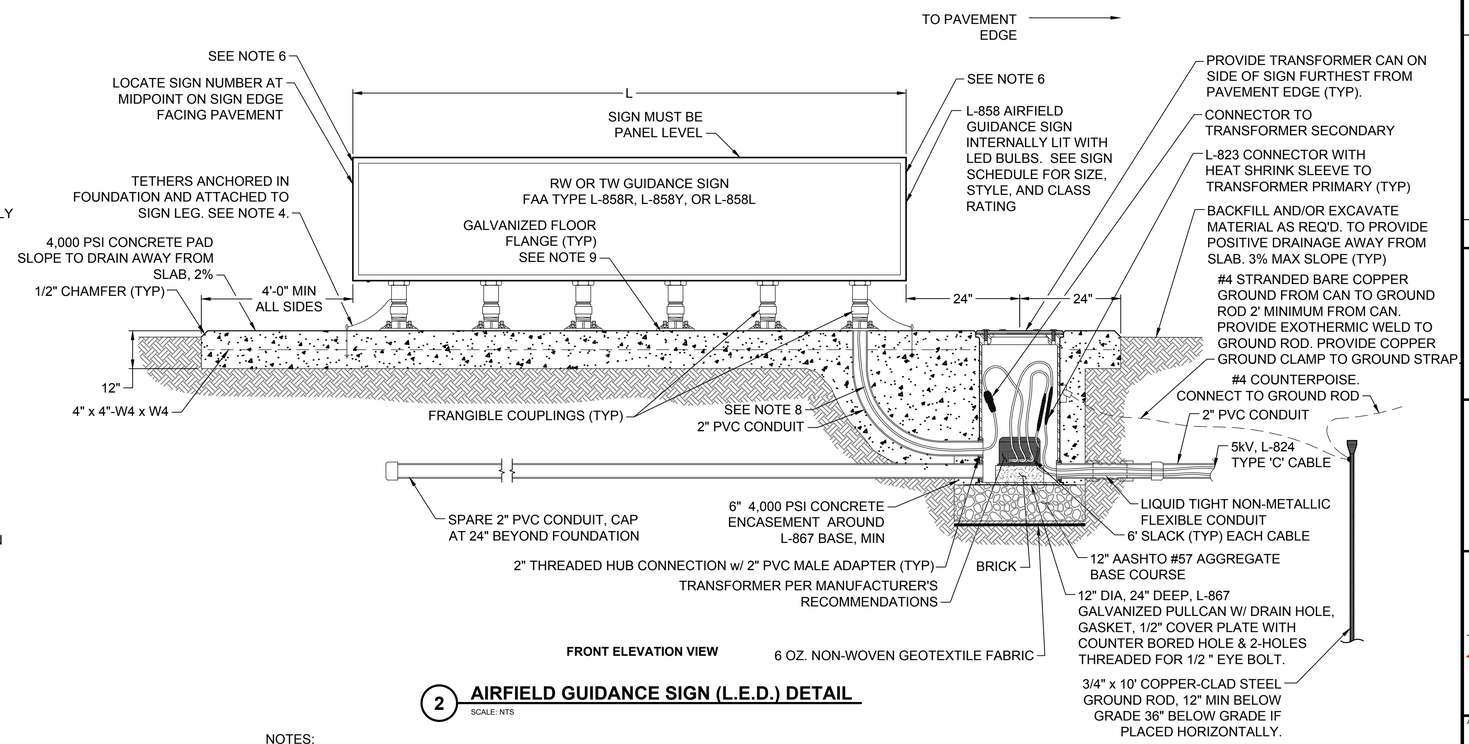


1 FIELD ATTACHED PLUG-IN SPLICE FAA TYPE L-823

SCALE: NTS

NOTES:

1. INTERIOR PIN AND SOCKETS ARE NOT SHOWN FOR CLARITY.
2. ATTACH EACH CABLE TIE 3mm (1/8") FROM THE MATING FACE OF THE CONNECTOR HOUSING. TIGHTEN CABLE TIE ENOUGH TO HOLD IN PLACE WITHOUT COMPRESSING HOUSING. A COMPLETELY TRIM OFF EXCESS CABLE TIE.
3. THE INSTALLATION OF L-823 AND HEAT SHRINK TUBING MUST BE IN STRICT CONFORMANCE WITH MANUFACTURERS REQUIREMENTS.

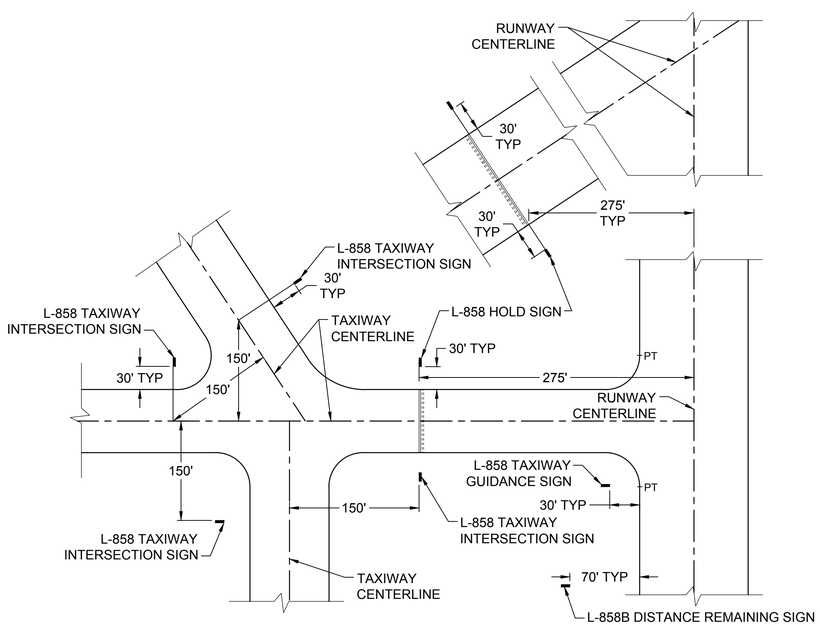


2 AIRFIELD GUIDANCE SIGN (L.E.D.) DETAIL

SCALE: NTS

NOTES:

1. PROVIDE A L-823 DISCONNECT PLUG & RECEPTACLE IN THE FRANGIBLE COUPLING OF THE POWER LEG AS REQUIRED.
2. CONDUIT UNDER THE CONCRETE PAD IS INCIDENTAL TO THE COST OF THE AIRFIELD GUIDANCE SIGN.
3. ORIENT THE INTERNAL POWER LUGS OF THE AIRFIELD GUIDANCE SIGN SO THAT THEY WILL BE CLOSEST TO THE LEG THROUGH WHICH THE POWER ENTERS THE SIGN HOUSING.
4. PROVIDE MINIMUM TWO (2) TETHER PER SIGN (AT ENDS).
5. PROVIDE A CONCRETE SIGN PAD LEVEL IN TURF SHOULDERS AND PROVIDE A CONCRETE SIGN PAD AT THE SAME GRADE AS PAVED SHOULDER. IN PAVED SHOULDERS, ADJUST SIGN LEGS TO LEVEL THE SIGN.
6. PROVIDE LIGHT FIXTURE ID TAG FACING PAVEMENT EDGE (SEE DETAIL). USE 4 STAINLESS STEEL SELF TAPPING SCREWS TO SECURE TAG TO SIGN FACE.
7. FASTEN FLOOR FLANGE TO CONCRETE WITH 3/8" DIA. x 1-5/8" LONG MIN. DROP-IN ANCHORS. PROVIDE STAINLESS STEEL BOLTS WITH A STAINLESS STEEL FLAT AND LOCK WASHER. PROVIDE NEVER SEIZE COMPOUND ON THE THREADS OF EACH BOLT.
8. PROVIDE A L-823 EXTENSION CORD (5' (1.5m) MIN.) AND A CABLE CLAMP AT THE JUNCTION BETWEEN THE END OF THE 2" PVC CONDUIT AND THE FLOOR FLANGE.
9. PRIOR TO SECURING THE SIGN TO THE CONCRETE FOUNDATION, APPLY AN APPROVED BITUMINOUS MASTIC MATERIAL TO THE BOTTOM OF EACH FLOOR FLANGE.



3 TYPICAL SIGN LAYOUT DETAIL

SCALE: NTS

NOTE:

1. TAXIWAY TO TAXIWAY INTERSECTION SIGNS MUST BE COLLOCATED PERPENDICULAR TO THE TAXIWAY CENTERLINE AT THE POINT 150 FEET FROM THE INTERSECTING TAXIWAY CENTERLINE, OR AS SHOWN ON THE PLANS.

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

leidos — LEIDOS ENGINEERING, LLC, ONE WEST 3RD ST., TULSA, OK 74103

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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
CIRL CORE
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
MAIN PARKING APRON
SIGN DETAILS

SCALE: NTS
EPROJECT NO.:
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 15095430
SHEET 117 OF 117
E-702

DRAWFORM REVISION: 5 APRIL 2012

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