GRAPHIC SCALE

1"=800'

0 800' 1600' 3200'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF MARYLAND
JONATHAN J. HERZ
No. 24789
REGISTERED PROFESSIONAL ENGINEER

Professional Certification

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/26/17.

SEAL

JOHNSON, MIRMIRAN & THOMPSON
Gannett Fleming
A Joint Venture
272 Bendix Road, Suite 260
Virginia Beach, Virginia, 23452
Telephone: (757) 499-1895
Web: www.jmt.com

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES: RCH	DRW: RCH	CHK: DJP

PM/DM RH

BRANCH MANAGER

CHIEF ENG/ARCH E. GALLAHER, PE

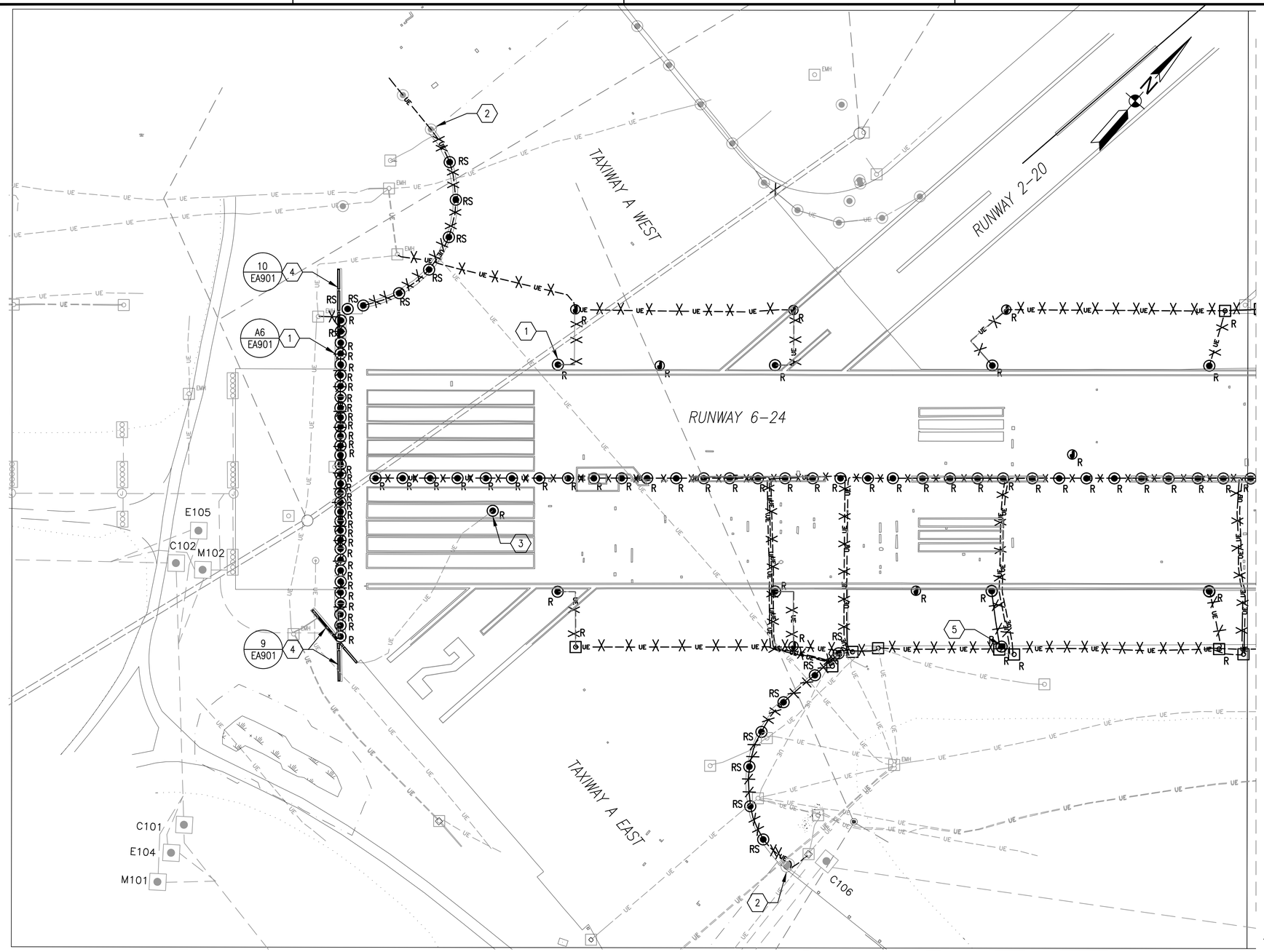
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC WASHINGTON
WASHINGTON, D.C.
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
OVERALL SITE PLAN - DEMOLITION
PT. BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080219
SHEET 161 OF 206

ED100

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED100.dwg LAYOUT NAME: ED100 OVERALL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:46pm USER: rhurst



MATCHLINE SHEET ED102

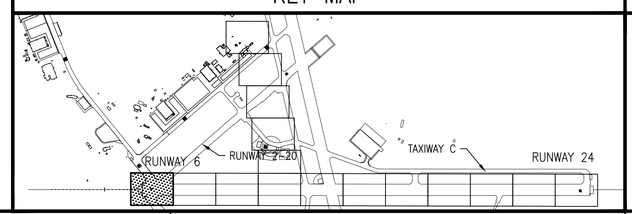
DEMOLITION KEYNOTES

1. DEMOLISH ELEVATED OR FLUSH RUNWAY EDGE LIGHT, TRANSFORMER, BASE CREMOVE ELEVATED OR FLUSH THRESHOLD LIGHT, TRANSFORMER, BASE CAN AND ALL ASSOCIATED CABLING, TYPICAL OF 28.
2. DEMOLISH CABLE UP TO NEAREST LIGHT TO REMAIN. COORDINATE WITH OPERATIONS AS TO PORTIONS OF TAXIWAY A THAT WILL REMAIN OPEN. SPLICE CIRCUIT CONDUCTORS AT LAST LIGHT REQUIRED TO REMAIN ACTIVE TO ISOLATE UNUSED PORTIONS OF TAXIWAY.
3. DEMOLISH ABANDONED LIGHT BASE.
4. DEMOLISH OLD LIGHT CANS AND FOUNDATIONS.
5. DEMOLISH ABANDONED LIGHT BASE.

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- RS – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AND STORED FOR RE-INSTALLATION. REMOVE AND STORE ISOLATION TRANSFORMER FOR RE-INSTALLATION.
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- J – ELECTRICAL JUNCTION CAN
- UE – UNDERGROUND AIRFIELD LIGHTING CABLE AND CONDUIT, TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/15/17. SEAL

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Web: www.jmt.com
A/E INFO

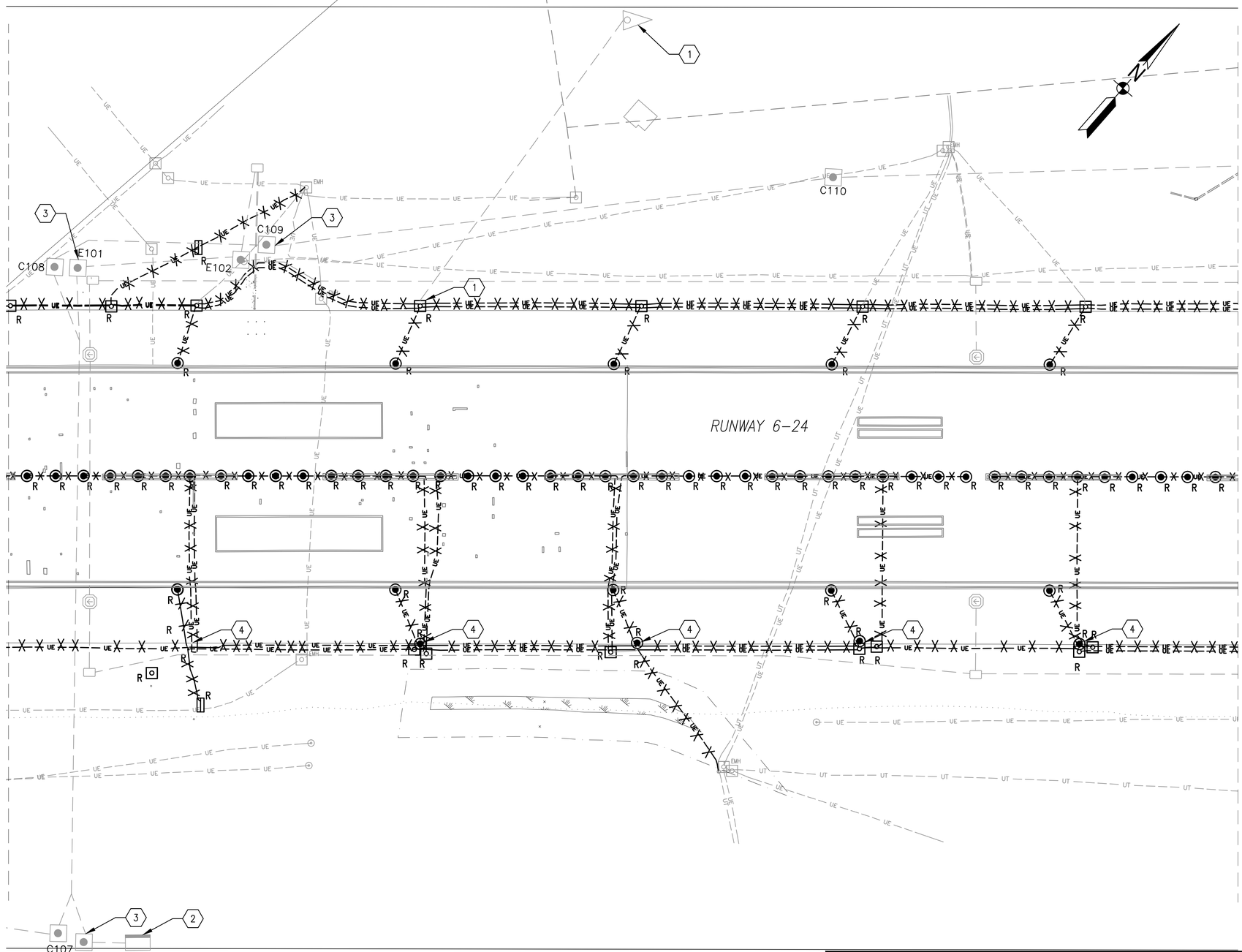
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES RCH DRW RCH CHK DJP
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN – DEMOLITION
IPT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080220
SHEET 162 OF 206
ED101

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED101.dwg LAYOUT NAME: ED101 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:47pm USER: rhurst



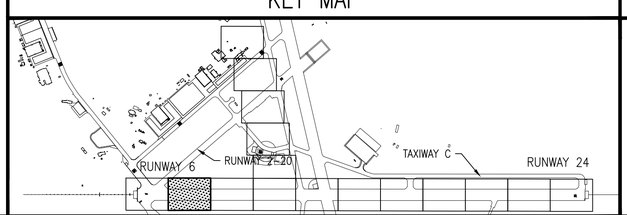
DEMOLITION KEYNOTES

1. WINDCONE TO REMAIN, CIRCUIT CONDUCTORS TO WINDCONE TO REMAIN FOR RE-CONNECTION INTO CIRCUIT.
2. EXISTING UTILITY TRANSFORMER TO REMAIN.
3. EXISTING COMMUNICATION AND POWER HANDHOLES, TO REMAIN.
4. DEMOLISH ABANDONED LIGHTBASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

STATE OF MARYLAND JONATHAN J. HERSEY No. 24789 PROFESSIONAL ENGINEER

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/15/17. SEAL

JOHNSON, MIRMIRAN & THOMPSON
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Web: www.jmt.com
A/E INFO

APPROVED
FOR COMMANDER NAVFAC

ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES.	RCH	DRW.	RCH	CHK.	DJP
PM/DM	RH				
BRANCH MANAGER					
CHIEF ENG/ARCH	E. GALLAHER, PE				

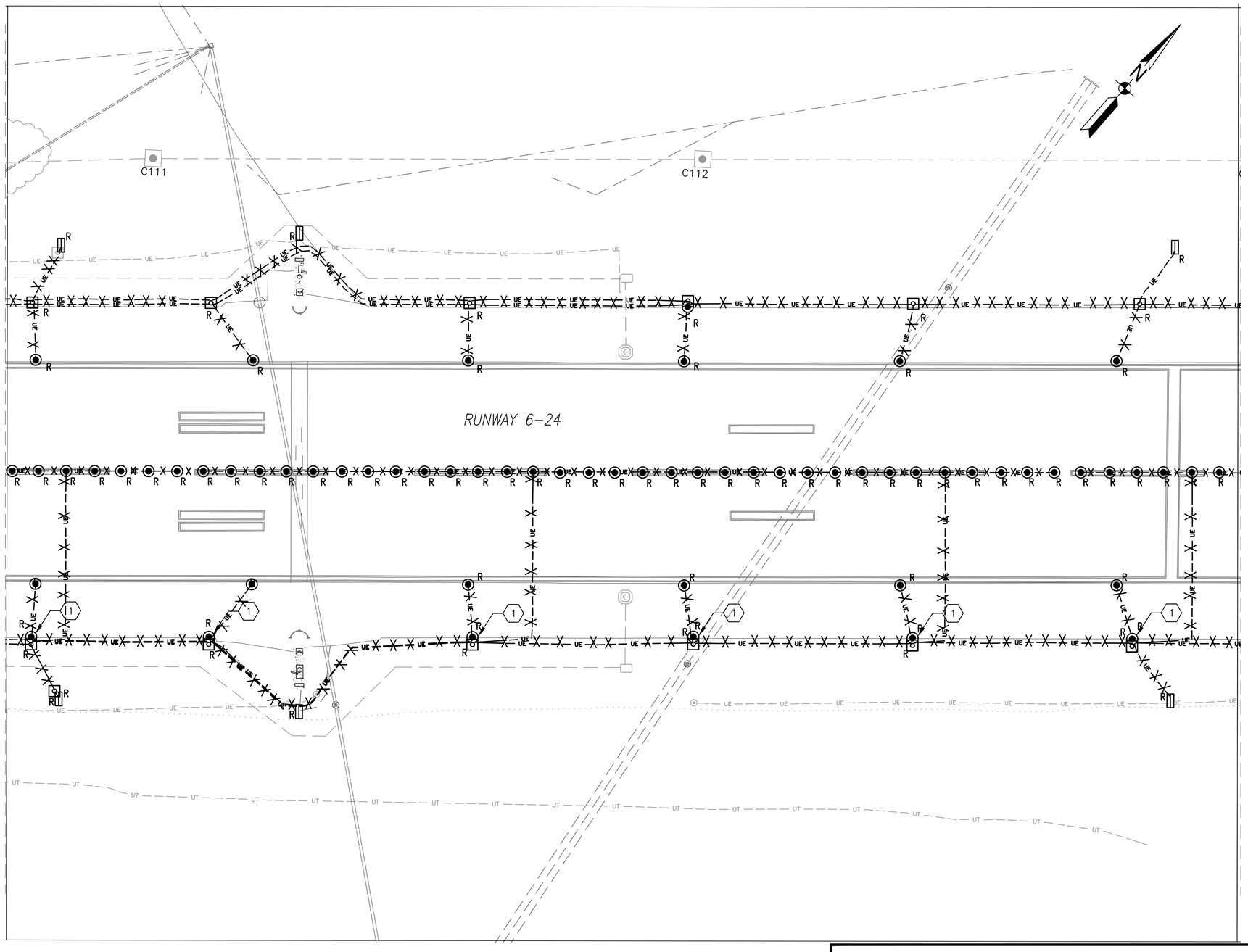
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION
PT BLUE

SCALE:	AS NOTED
EPROJECT NO.:	1382138
CONSTR. CONTR. NO.	N40080-17-R-0002
NAVFAC DRAWING NO.	13080221
SHEET	163 OF 206

ED102

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED102.dwg LAYOUT NAME: ED102 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:47pm USER: rhurst



DEMOLITION KEYNOTES

1 DEMOLISH ABANDONED LIGHT BASE

DEMOLITION LEGEND

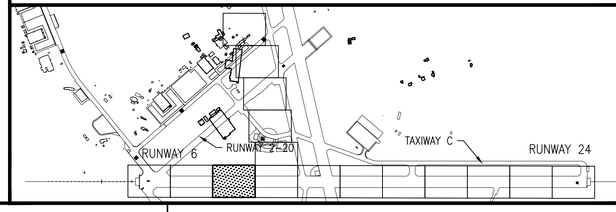
R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED

DMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED

UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED

R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

STATE OF MARYLAND JONATHAN J. PHILLIPS No. 24789 PROFESSIONAL ENGINEER

Professional Certification

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/09/17. SEAL

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Web: www.jmt.com

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

JAMES FLETCHER PER CHECKLIST

SATISFACTORY TO DATE 9/27/2016

DES	RCH	DRW	RCH	CHK	DJP
PM/DM	RH				
BRANCH MANAGER					
CHIEF ENG/ARCH	E. GALLAHER, PE				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
PT BLUE

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

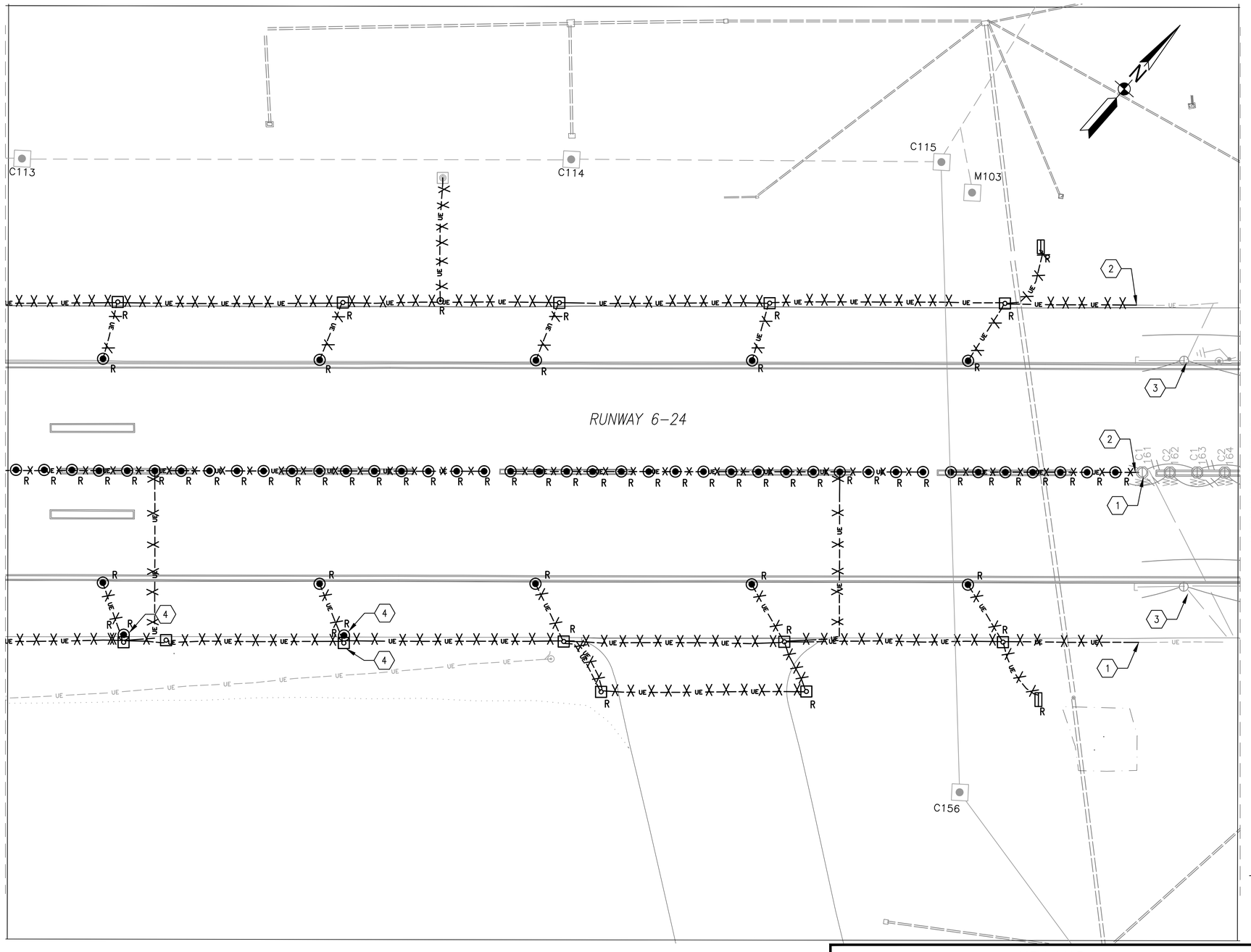
PARTIAL SITE PLAN – DEMOLITION

SCALE:	AS NOTED
EPROJECT NO.:	1382138
CONSTR. CONTR. NO.	N40080-17-R-0002
NAVFAC DRAWING NO.	13080222
SHEET	164 OF 206

ED103

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-00863-009-ED103.dwg LAYOUT NAME: ED103 PARTIAL SITE PLAN – DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:48pm USER: rhurst



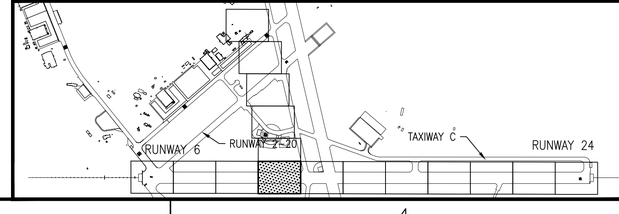
DEMOLITION KEYNOTES

1. FLUSH RUNWAY CENTERLINE LIGHT TO REMAIN, TYPICAL OF 4. VERIFY EXISTING INTERLEAVED CIRCUIT PRIOR TO CONNECTING TO CIRCUIT.
2. DEMOLISH CONDUIT TO THIS POINT, REMOVE CABLE TO NEXT NEAREST FIXTURE TO REMAIN, CAP CONDUIT FOR RECONNECTION.
3. EXISTING EDGE LIGHT TO REMAIN, REMOVE CABLE BACK TO THIS LIGHT. CAP CONDUIT FOR FUTURE USE.
4. DEMOLISH ABANDONED LIGHT BASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

NO	DATE	DESCRIPTION	SYM	APPR

NAVFAC

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/30/17. SEAL

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Telephone: (757) 499-1895
Web: www.jmt.com
A/E INFO

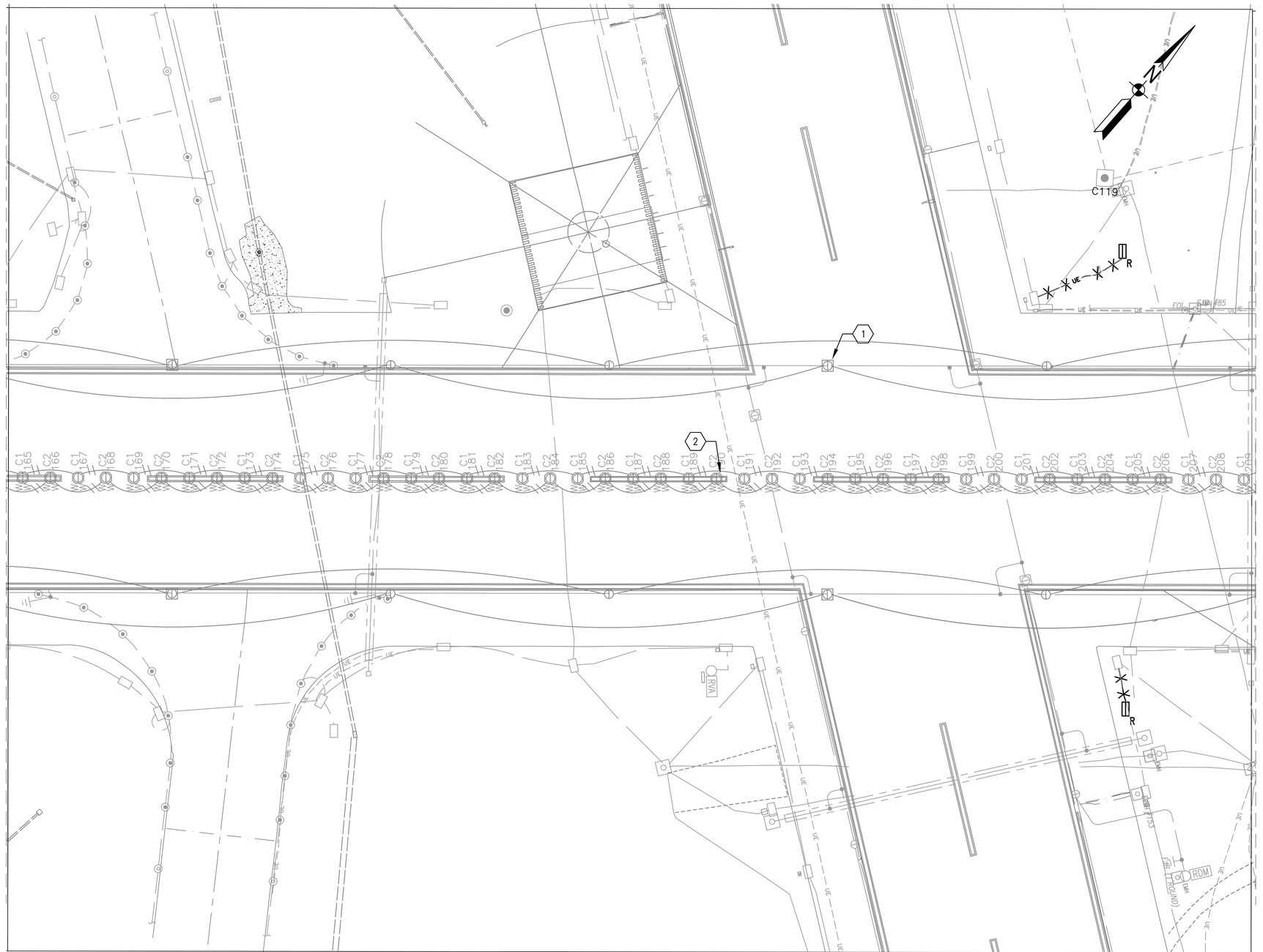
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES RCH DRW RCH CHK DJP
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION
IPT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080223
SHEET 165 OF 206
ED104

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED104.dwg LAYOUT NAME: ED104 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:49pm USER: rhurst



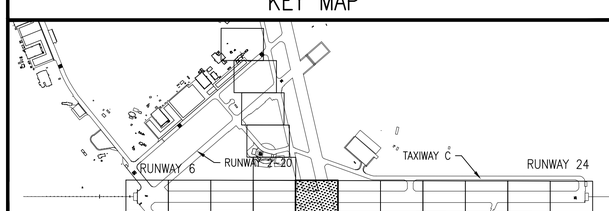
DEMOLITION KEYNOTES

1. ELEVATED OR FLUSH RUNWAY EDGE LIGHT TO REMAIN, TYPICAL OF 10.
2. FLUSH RUNWAY CENTERLINE LIGHT TO REMAIN, TYPICAL OF 45.

DEMOLITION LEGEND

▭ – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE REMOVED
R

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/30/17.
SEAL

STATE OF MARYLAND · JONATHAN J. HEIST · No. 24789 · PROFESSIONAL ENGINEER

JOHNSON, MIRMIRAN & THOMPSON
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272 Bendix Road, Suite 260
Virginia Beach, Virginia, 23452
Telephone: (757) 499-1895
Web: www.jmt.com
A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES RCH | DRW RCH | CHK DJP
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

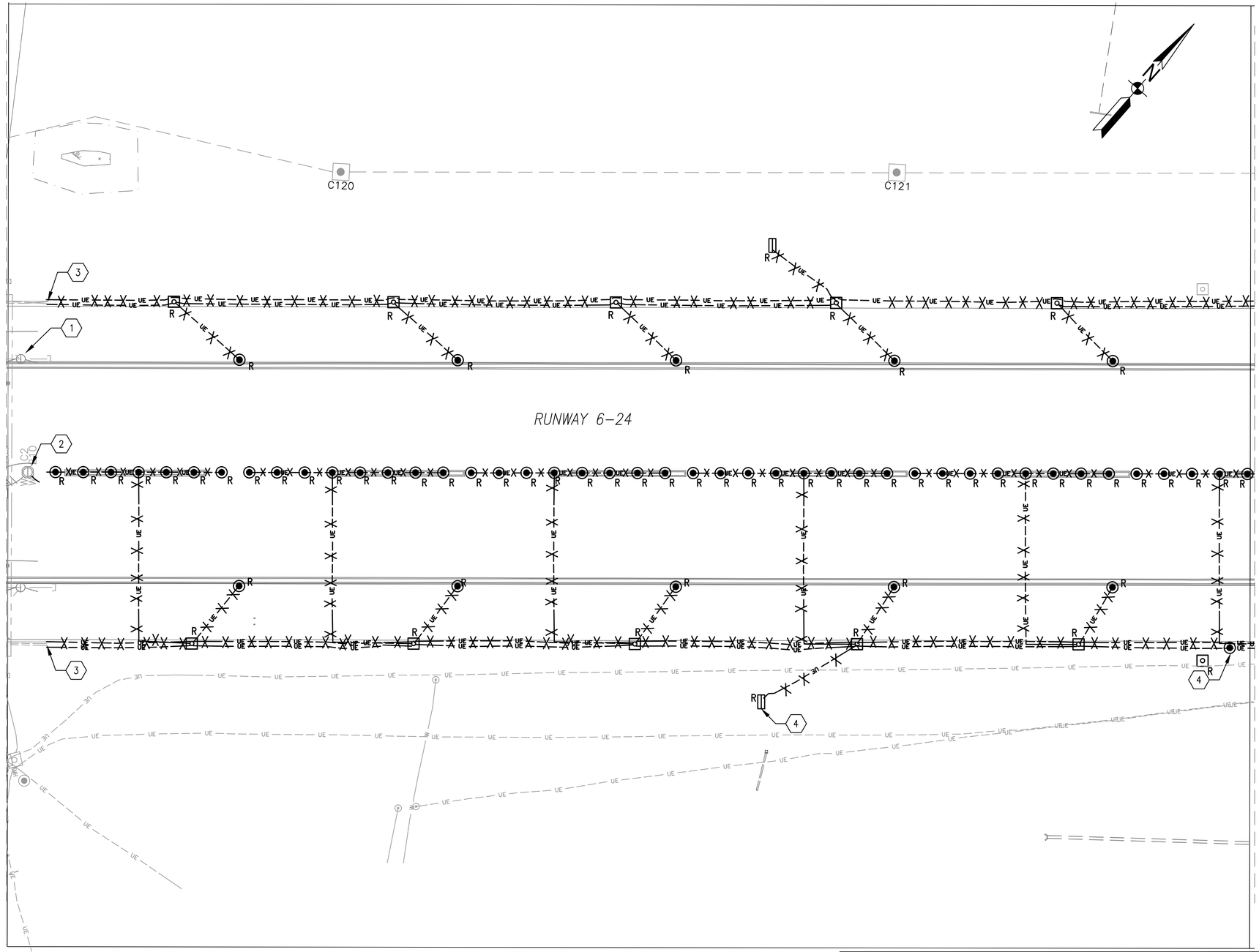
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN – DEMOLITION
PT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080224
SHEET 166 OF 206

ED105

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED105.dwg LAYOUT NAME: ED105 PARTIAL SITE PLAN – DEMOLITION PLOTTED: Wednesday, September 28, 2016 – 10:49am USER: rhurst



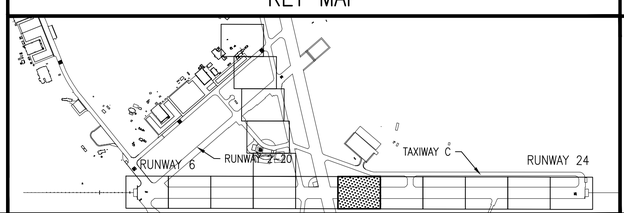
DEMOLITION KEYNOTES

1. ELEVATED RUNWAY EDGE LIGHT TO REMAIN, TYPICAL OF 2.
2. FLUSH RUNWAY CENTERLINE LIGHT TO REMAIN, TYPICAL OF 1.
3. DEMOLISH CONDUIT TO THIS POINT, REMOVE CABLE TO NEXT NEAREST FIXTURE TO REMAIN, CAP CONDUIT FOR RECONNECTION.
4. DEMOLISH ABANDONED LIGHT BASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- CMH / R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

NO.	DATE	DESCRIPTION	SYM	APPR

NAVFAC

STATE OF MARYLAND — JONATHAN J. HERSH — No. 24789 — PROFESSIONAL ENGINEER

Professional Certification

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/15/17. SEAL

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Web: www.jmt.com
A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES	DRW	CHK
RCH	RCH	DJP

PM/DM RH

BRANCH MANAGER

CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
PT. BLUE
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

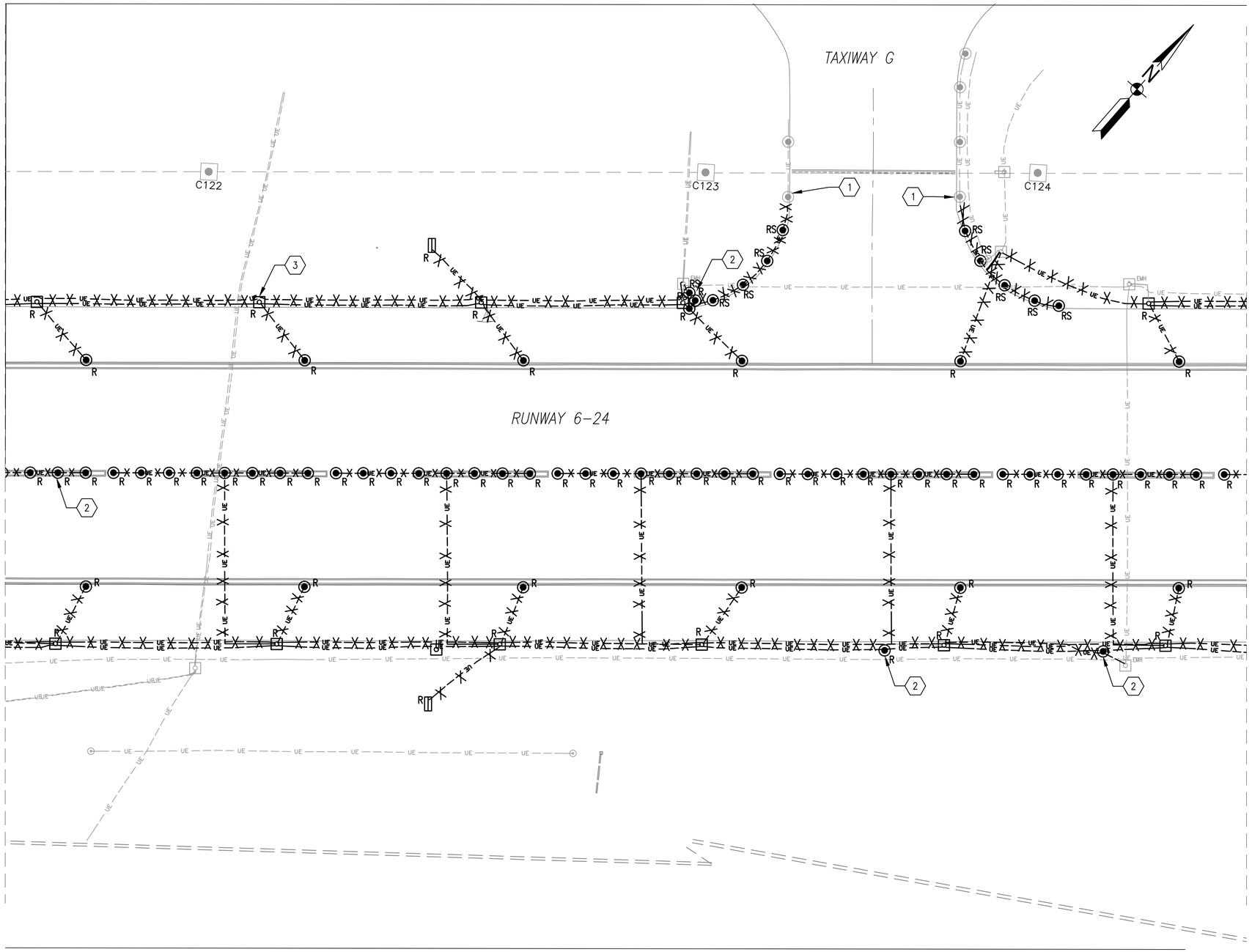
PARTIAL SITE PLAN – DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080225
SHEET 167 OF 206

ED106

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100865_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED106.dwg LAYOUT NAME: ED106 PARTIAL SITE PLAN – DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:50pm USER: rhurst



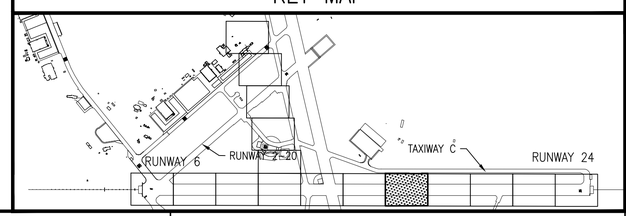
DEMOLITION KEYNOTES

1. REMOVE CABLE UP TO NEAREST LIGHT TO REMAIN. COORDINATE WITH OPERATIONS AS TO PORTIONS OF TAXIWAY G THAT WILL REMAIN OPEN. SPLICE CIRCUIT CONDUCTORS AT LAST LIGHT REQUIRED TO REMAIN ACTIVE TO ISOLATE UNUSED PORTIONS OF TAXIWAY.
2. DEMOLISH ABANDONED LIGHT BASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- RS – AIRFIELD LIGHT FIXTURE, TO BE REMOVED AND STORED FOR RE-INSTALLATION. REMOVE AND STORE ISOLATION TRANSFORMER FOR RE-INSTALLATION.
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

STATE OF MARYLAND – JONATHAN J. HERSEY – No. 24789 – PROFESSIONAL ENGINEER

Professional Certification
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES RCH DRW RCH CHK DJP
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

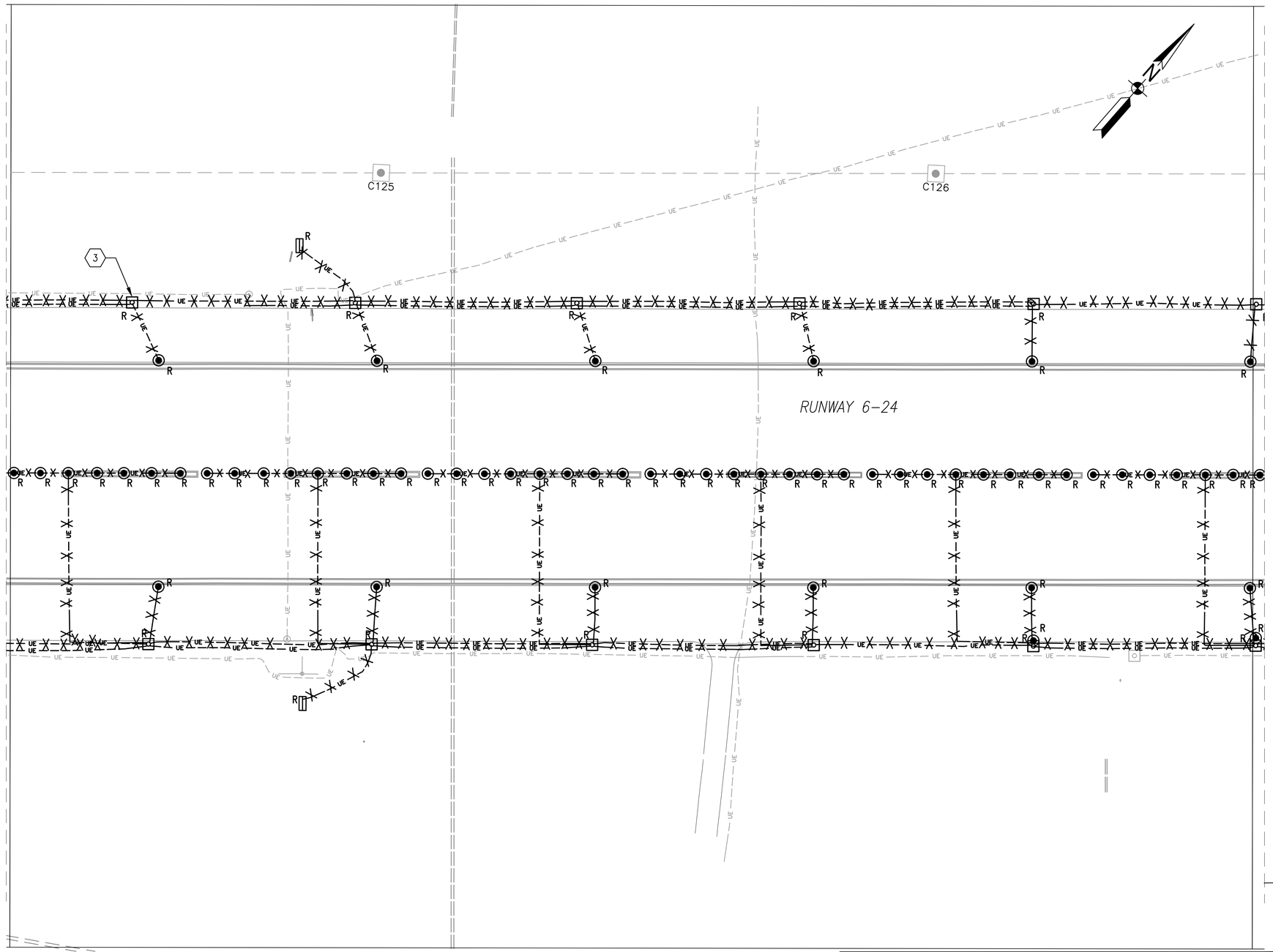
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN – DEMOLITION
PT BLUE

SCALE:	AS NOTED
EPROJECT NO.:	1382138
CONSTR. CONTR. NO.	N40080-17-R-0002
NAVFAC DRAWING NO.	13080226
SHEET	168 OF 206

ED107

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED107.dwg LAYOUT NAME: ED107 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:50pm USER: rhurst



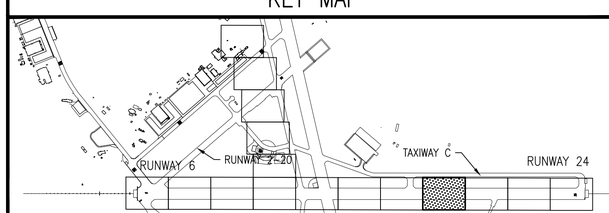
DEMOLITION KEYNOTES

1. DEMOLISH ABANDONED LIGHT BASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

STATE OF MARYLAND — JONATHAN J. HERSEY — No. 24789 — PROFESSIONAL ENGINEER

Professional Certification

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/09/17. SEAL

JOHNSON, MIRMIRAN & THOMPSON
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A Joint Venture
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Telephone: (757) 499-1895
Web: www.jmt.com
A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES RCH DRW RCH CHK DJP

PM/DM RH

BRANCH MANAGER

CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
IPT BLUE

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

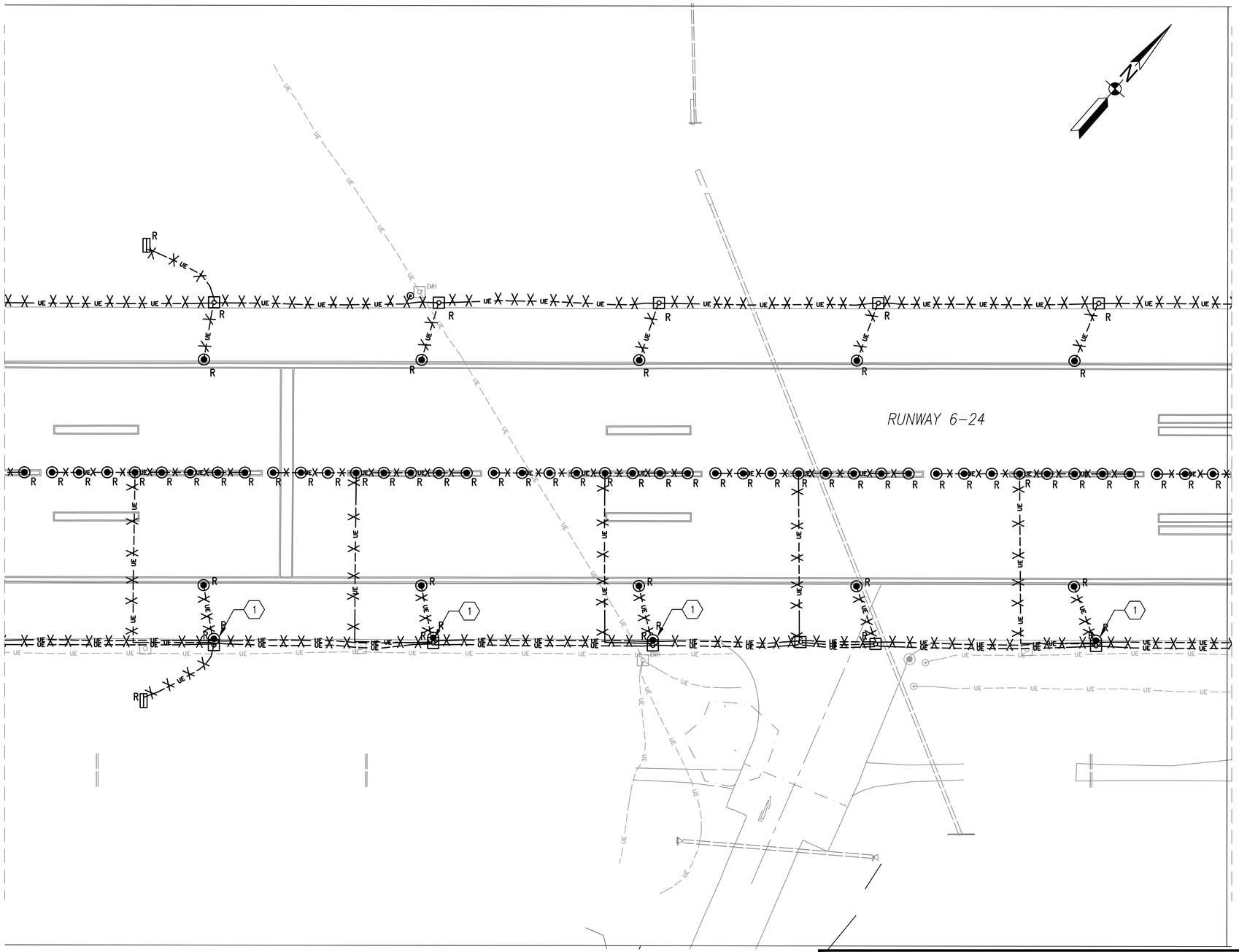
PARTIAL SITE PLAN – DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080227
SHEET 169 OF 206

ED108

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED108.dwg LAYOUT NAME: ED108 PARTIAL SITE PLAN – DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:51pm USER: rhurst



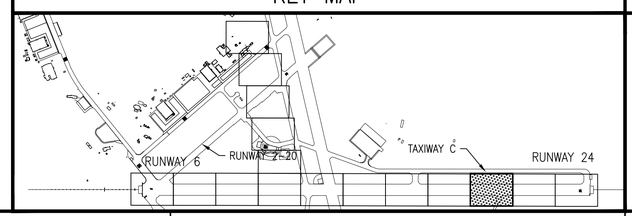
DEMOLITION KEYNOTES

1. DEMOLISH ABANDONED LIGHT CAN

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- EMH / R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	SYM	DESCRIPTION

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JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES RCH DRW RCH CHK DJP
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

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NAVAL FACILITIES ENGINEERING COMMAND
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NAVFAC WASHINGTON
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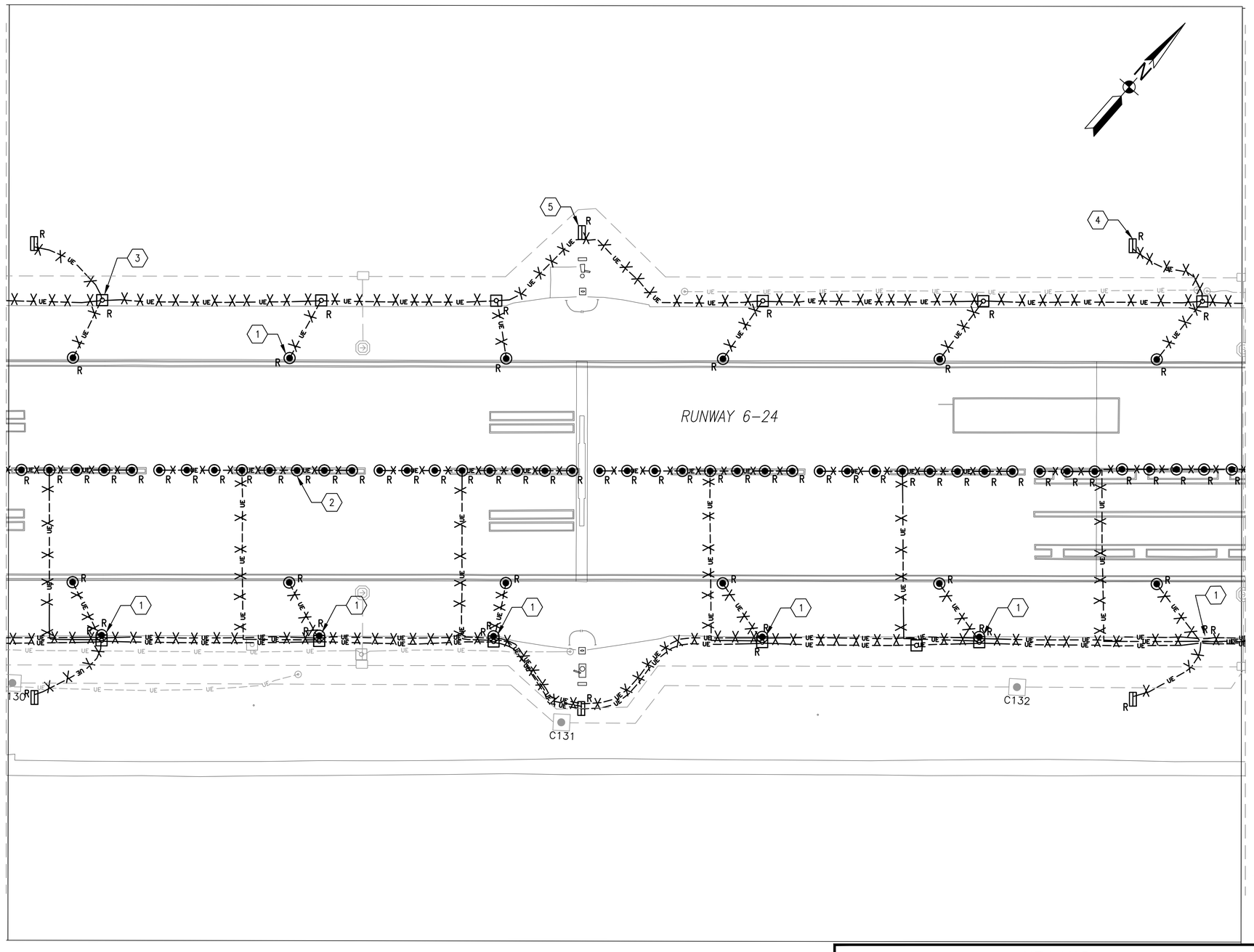
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION
APT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080228
SHEET 170 OF 206

ED109

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED109.dwg LAYOUT NAME: ED109 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:51pm USER: rhurst



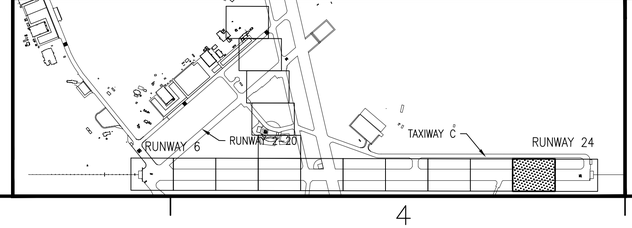
DEMOLITION NOTES

1. DEMOLISH ABANDONED LIGHT CAN

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- DMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- R – DISTANCE MARKER OR ARRESTING GEAR SIGN TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

SYM	DESCRIPTION	DATE	APPR

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PM/DM RH
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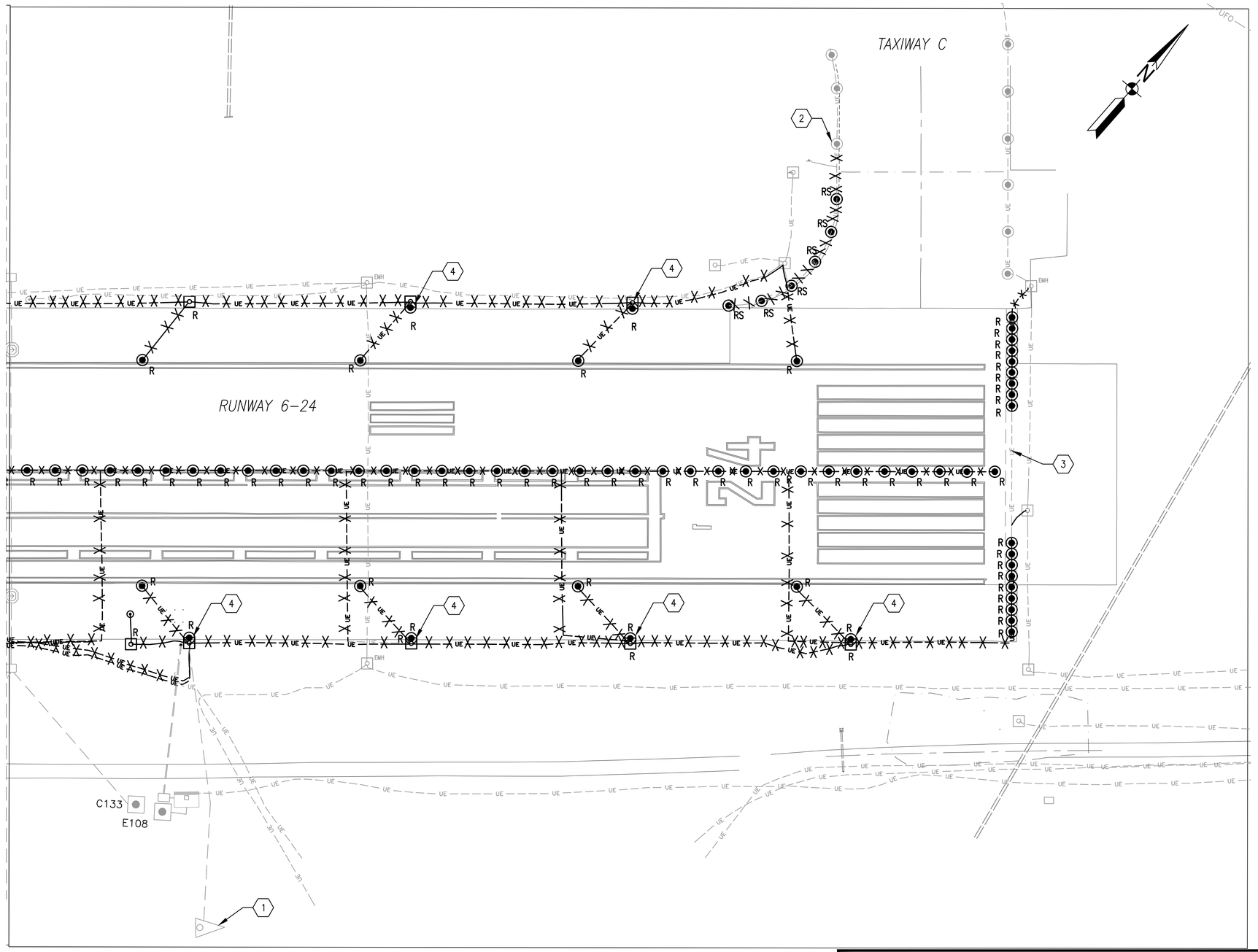
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION
PT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080229
SHEET 171 OF 206

ED110

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED110.dwg LAYOUT NAME: ED110 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:52pm USER: rhurst



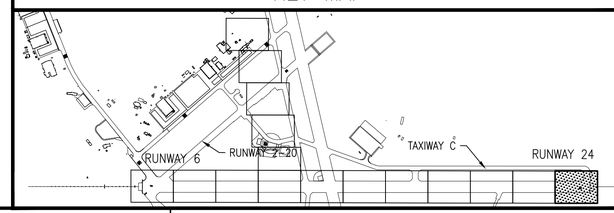
DEMOLITION NOTES

1. WINDCONE TO REMAIN, CIRCUIT CONDUCTORS TO WINDCONE TO REMAIN FOR RE-CONNECTION INTO CIRCUIT.
2. REMOVE CABLE UP TO NEAREST LIGHT TO REMAIN. COORDINATE WITH OPERATIONS AS TO PORTIONS OF TAXIWAY C THAT WILL REMAIN OPEN. SPLICE CIRCUIT CONDUCTORS AT LAST LIGHT REQUIRED TO REMAIN ACTIVE TO ISOLATE UNUSED PORTIONS OF TAXIWAY.
3. CONDUIT BETWEEN THRESHOLD LIGHT SHALL REMAIN FOR REUSE.
4. DEMOLISH ABANDONED LIGHT CASE

DEMOLITION LEGEND

- R – AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHED AS NOTED
- RS – AIRFIELD LIGHT FIXTURE, TO BE REMOVED AND STORED FOR RE-INSTALLATION. REMOVE AND STORE ISOLATION TRANSFORMER FOR RE-INSTALLATION.
- EMH R – ELECTRICAL MANHOLE OR HANDHOLE, 28" X 18" UNLESS OTHERWISE NOTED, TO BE DEMOLISHED
- UE – UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

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NAVFAC

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SATISFACTORY TO DATE 9/27/2016
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PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

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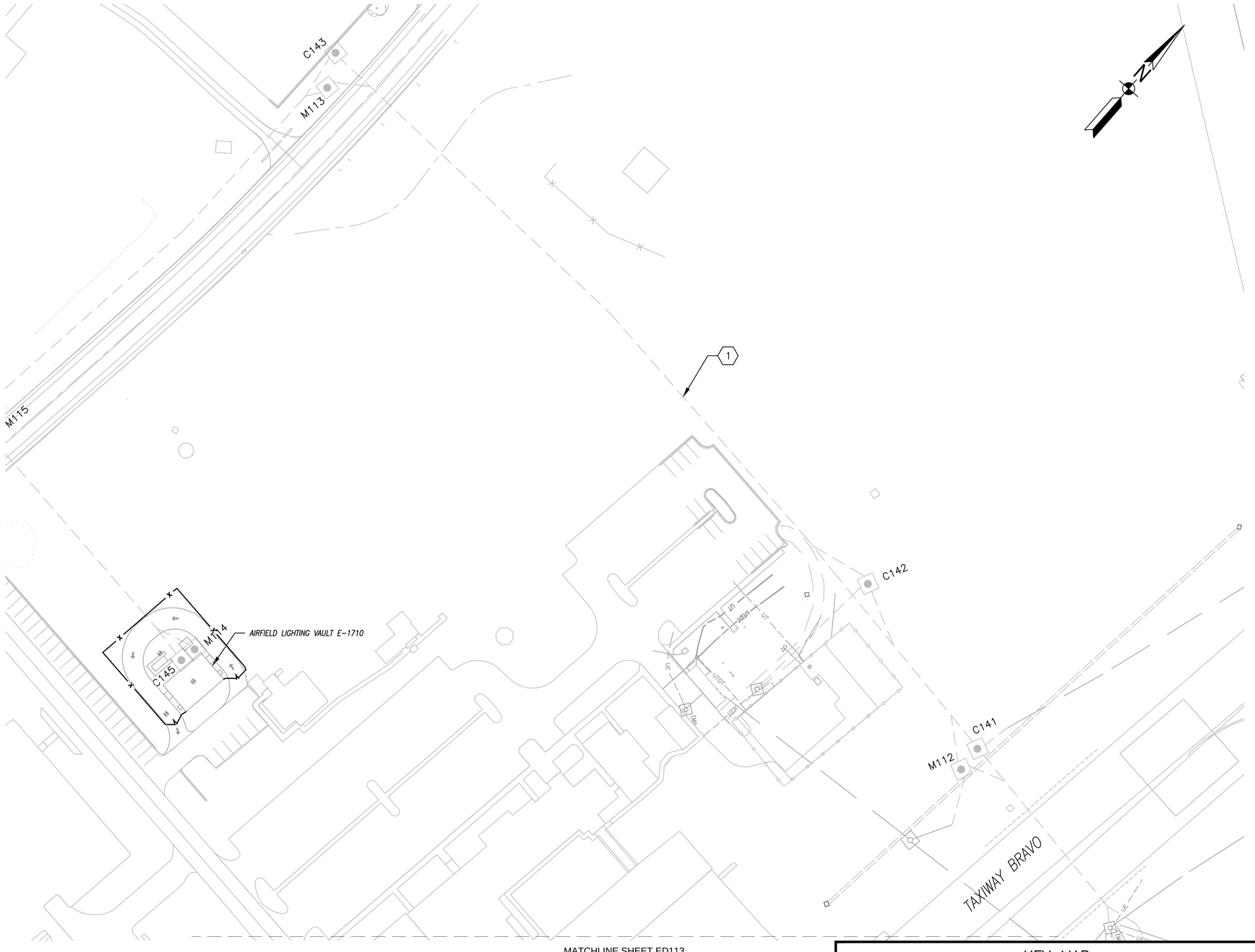
NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN – DEMOLITION
IPT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080230
SHEET 172 OF 206
ED111
DRAWFORM REVISION: 10 MARCH 2009

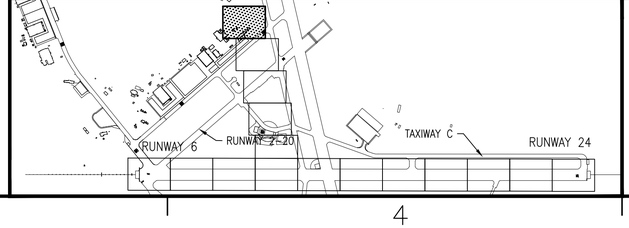
FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED111.dwg LAYOUT NAME: ED111 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:52pm USER: rhurst



DEMOLITION NOTES

1. EXISTING AIRFIELD LIGHTING DUCTBANK

KEY MAP



GRAPHIC SCALE

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SYM	DESCRIPTION	DATE	APPR

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PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION
PT BLUE

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVFAC DRAWING NO.: 13080231
SHEET 173 OF 206
ED112

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED112.dwg LAYOUT NAME: ED112 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:53pm USER: rhurst

MATCHLINE SHEET ED112

TAXIWAY BRAVO

TAXIWAY ECHO

RUNWAY 2-20

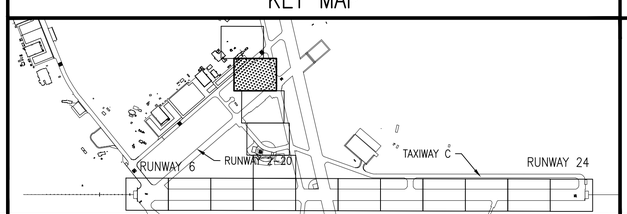
M111 C140 M110 C139 M109 C138

DEMOLITION NOTES

1. EXISTING AIRFIELD LIGHTING DUCTBANK.

MATCHLINE SHEET ED114

KEY MAP



GRAPHIC SCALE

1"=50' 0 50' 100' 200'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

STATE OF MARYLAND — JONATHAN PAUL JAMES — No. 24178 — PROFESSIONAL ENGINEER

Professional Certification

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ACTIVITY

JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES. RCH | DRW. RCH | CHK. DJP

PM/DM RH

BRANCH MANAGER

CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC WASHINGTON
WASHINGTON, D.C.
NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
PT BLUE

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

PARTIAL SITE PLAN - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080232
SHEET 174 OF 206

ED113

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED113.dwg LAYOUT NAME: ED113 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:53pm USER: rhurst

MATCHLINE SHEET ED113

RUNWAY 2-20

M108

C137

TAXIWAY ECHO

M107

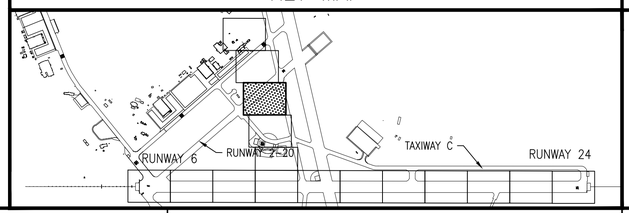
C136

MATCHLINE SHEET ED115

DEMOLITION NOTES

1. EXISTING AIRFIELD LIGHTING DUCTBANK.

KEY MAP



GRAPHIC SCALE

1"=50'

0 50' 100' 200'

SYM	DESCRIPTION	DATE	APPR

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DES	DRW	CHK
RCH	RCH	DJP

PM/DM RH

BRANCH MANAGER

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PATUXENT RIVER, MARYLAND
IPT BLUE

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

PARTIAL SITE PLAN - DEMOLITION

SCALE:	AS NOTED
EPROJECT NO.:	1382138
CONSTR. CONTR. NO.	N40080-17-R-0002
NAVFAC DRAWING NO.	13080233
SHEET	175 OF 206

ED114

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CAD\Phase 3\Electrical_Phase 3\10-0863-009-ED114.dwg LAYOUT NAME: ED114 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:54pm USER: rhurst

MATCHLINE SHEET ED114

DEMOLITION NOTES

1. EXISTING AIRFIELD LIGHTING DUCTBANK.

TAXIWAY CHARLIE

TAXIWAY ECHO

TAXIWAY CHARLIE

M106

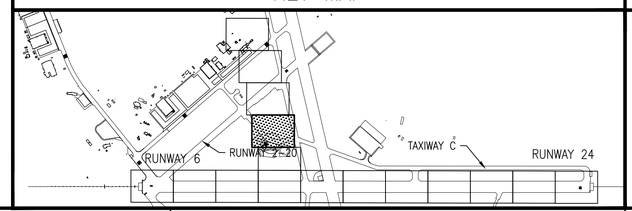
C135

M105

C134

MATCHLINE SHEET ED116

KEY MAP



GRAPHIC SCALE

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0 50' 100' 200'

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SATISFACTORY TO DATE 9/27/2016

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PATUXENT RIVER, MARYLAND

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

PARTIAL SITE PLAN – DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080234
SHEET 176 OF 206

ED115

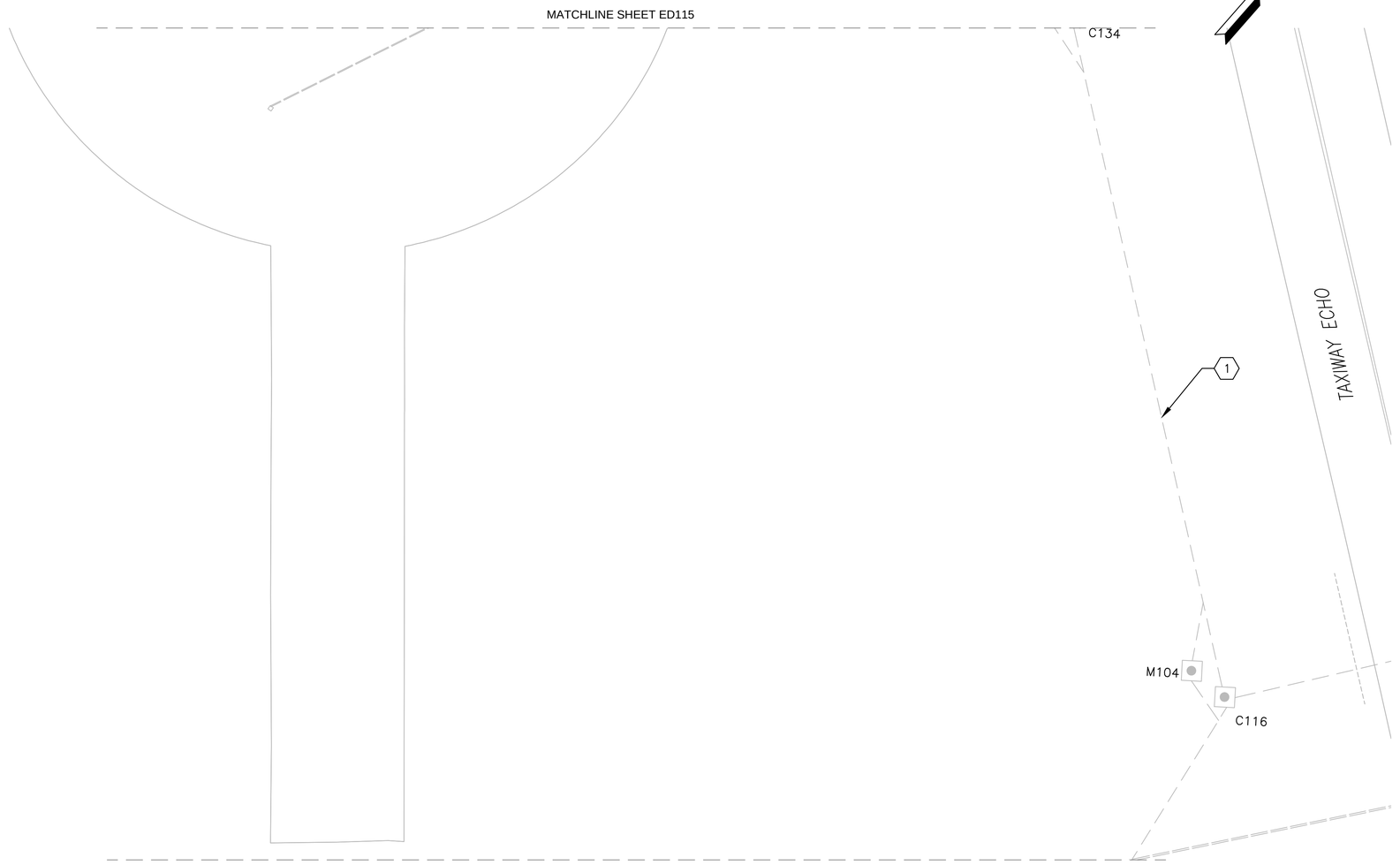
DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED115.dwg LAYOUT NAME: ED115_PARTIAL SITE PLAN – DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:54pm USER: rhurst

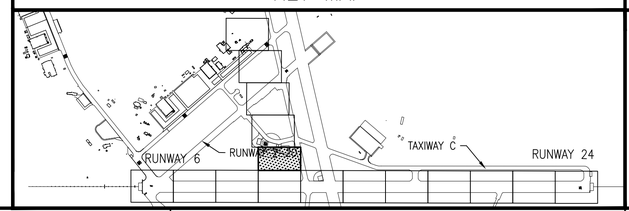
FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_3\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED116.dwg LAYOUT NAME: ED116 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:55pm USER: rhurst

DEMOLITION NOTES

1. EXISTING AIRFIELD LIGHTING DUCTBANK.



KEY MAP



GRAPHIC SCALE

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RCH	RCH	DJP

PM/DM RH
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CHIEF ENG/ARCH E. GALLAHER, PE

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NAVFAC WASHINGTON
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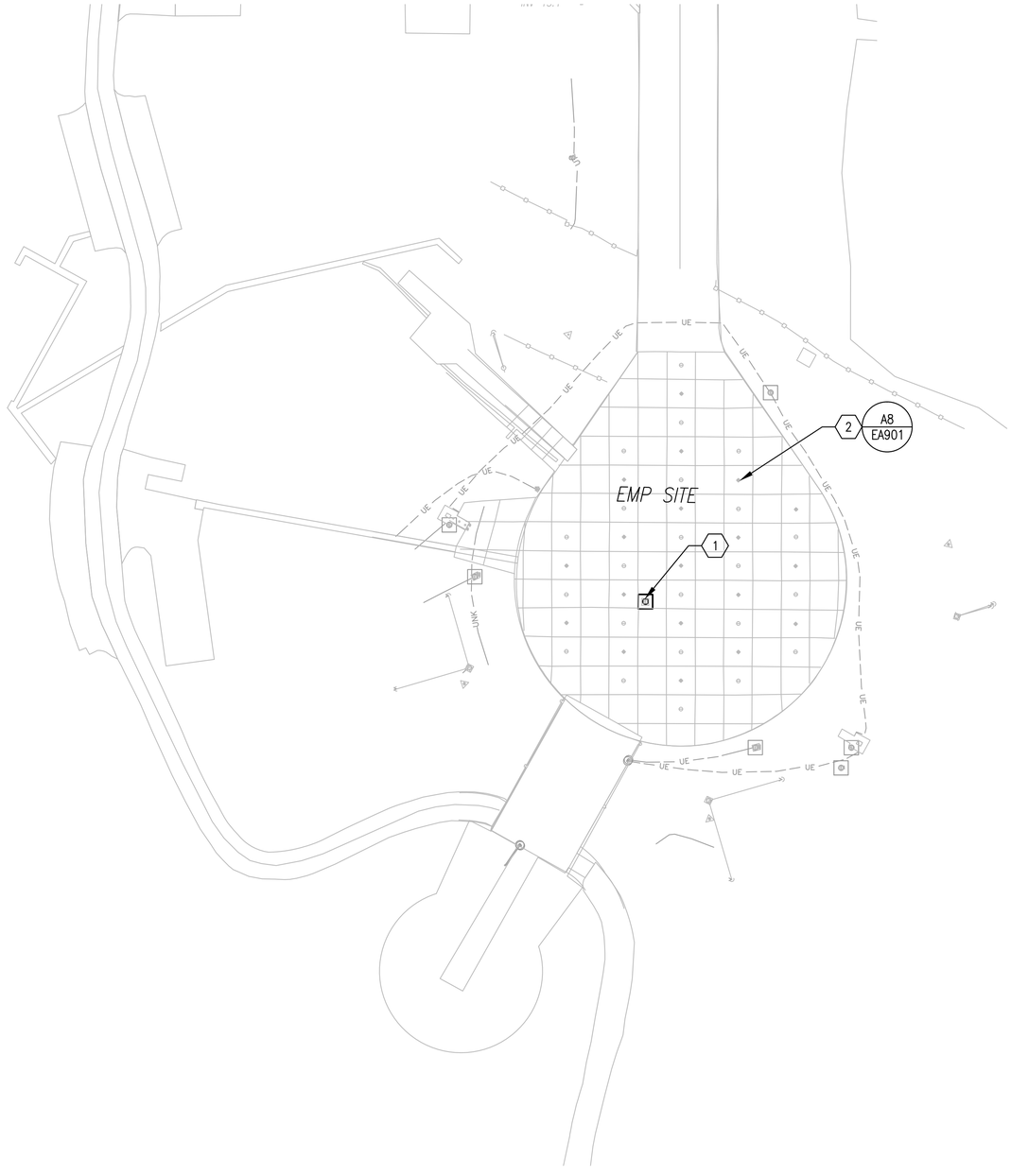
PT. BLUE
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION

SCALE:	AS NOTED
EPROJECT NO.:	1382138
CONSTR. CONTR. NO.	N40080-17-R-0002
NAVFAC DRAWING NO.	13080235
SHEET	177 OF 206

ED116

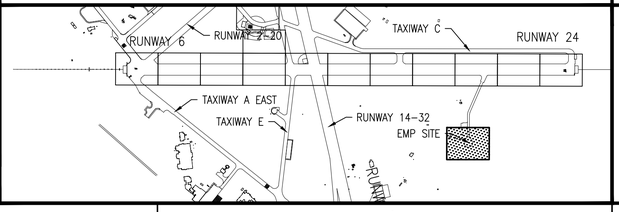
DRAWFORM REVISION: 10 MARCH 2009



DEMOLITION NOTES

1. REMOVE ALL CABLING FROM ELECTRICAL HAND BOX AND ASSOCIATED CONDUIT. HAND BOX DEMOLITION IS INCIDENTAL TO PAVEMENT REMOVAL.
2. STATIC GROUNDING RECEPTACLE DEMOLITION IS INCIDENTAL TO PAVEMENT REMOVAL, TYPICAL OF 19.

KEY MAP



GRAPHIC SCALE

1"=50'

0 50' 100' 200'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/30/17.
SEAL

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A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES VALUE | DRW VALUE | CHK VALUE
PM/DM RH
BRANCH MANAGER
CHIEF ENG/ARCH E. GALLAHER, PE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.
NAVFAC WASHINGTON
NAVAL AIR STATION PATUXENT RIVER
PT BLUE
PATUXENT RIVER, MARYLAND
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3
PARTIAL SITE PLAN - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080236
SHEET 178 OF 206

ED117

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED117.dwg LAYOUT NAME: ED117 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 3:55pm USER: rhurst

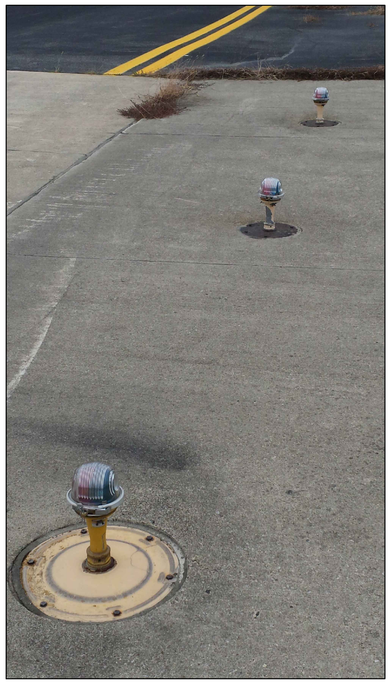
RUNWAY 24 THRESHOLD
NTS ED111 (1)

RUNWAY 24 EDGE LIGHT
NTS ED111 (2)

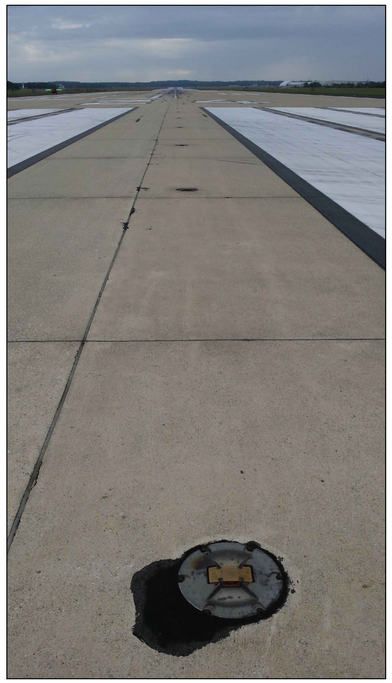
RUNWAY 24 CENTERLINE LIGHTS
NTS ED110 (3)

RUNWAY 24 DISTANCE TO GO SIGN
NTS ED110 (4)

TAXIWAY EDGE LIGHT
NTS ED111 (5)



RUNWAY 6 THRESHOLD
NTS ED101 (6)



RUNWAY 6 CENTERLINE LIGHTS
NTS ED101 (7)

STATIC GROUND RECEPTACLE-EMP SITE
NTS ED117 (8)

RUNWAY 6 THRESHOLD ABANDONED LIGHTS
NTS ED117 (9)

RUNWAY 6 THRESHOLD ABANDONED LIGHTS
NTS ED117 (10)

FILE NAME: G:\PHPA\100863_009_FY16_Repair_Runways_\CADD\Phase 3\Electrical_Phase 3\10-0863-009-ED901.dwg LAYOUT NAME: ED901 ELECTRICAL PHOTOS PLOTTED: Tuesday, September 27, 2016 - 3:55pm USER: rhurst

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF MARYLAND
JONATHAN [illegible]
No. 24789
PROFESSIONAL ENGINEER

Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24789, EXPIRATION DATE: 07/26/17. SEAL

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A/E INFO

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FOR COMMANDER NAVFAC

ACTIVITY

JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016

DES: VALUE DRWN VALUE CHK: VALUE

PM/DM: RH

BRANCH MANAGER

CHIEF ENG/ARCH: E. GALLAHER, PE

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NAVAL FACILITIES ENGINEERING COMMAND
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NAVAL AIR STATION PATUXENT RIVER
PATUXENT RIVER, MARYLAND
FT BLUE

FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 3

ELECTRICAL PHOTOS

SCALE: AS NOTED
EPROJECT NO.: 1382138
CONSTR. CONTR. NO. N40080-17-R-0002
NAVFAC DRAWING NO. 13080237
SHEET 179 OF 206

ED901

DRAWFORM REVISION: 10 MARCH 2009