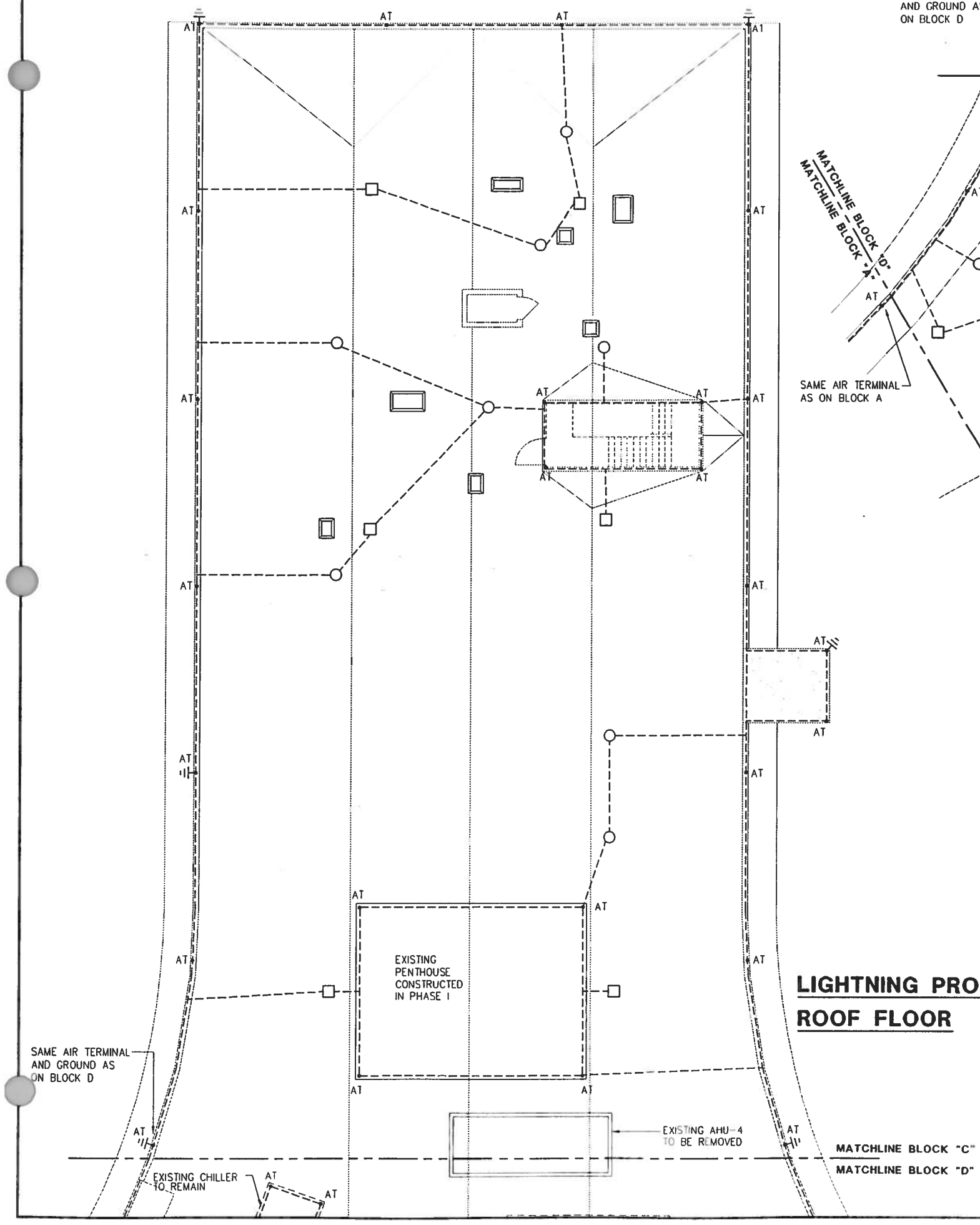
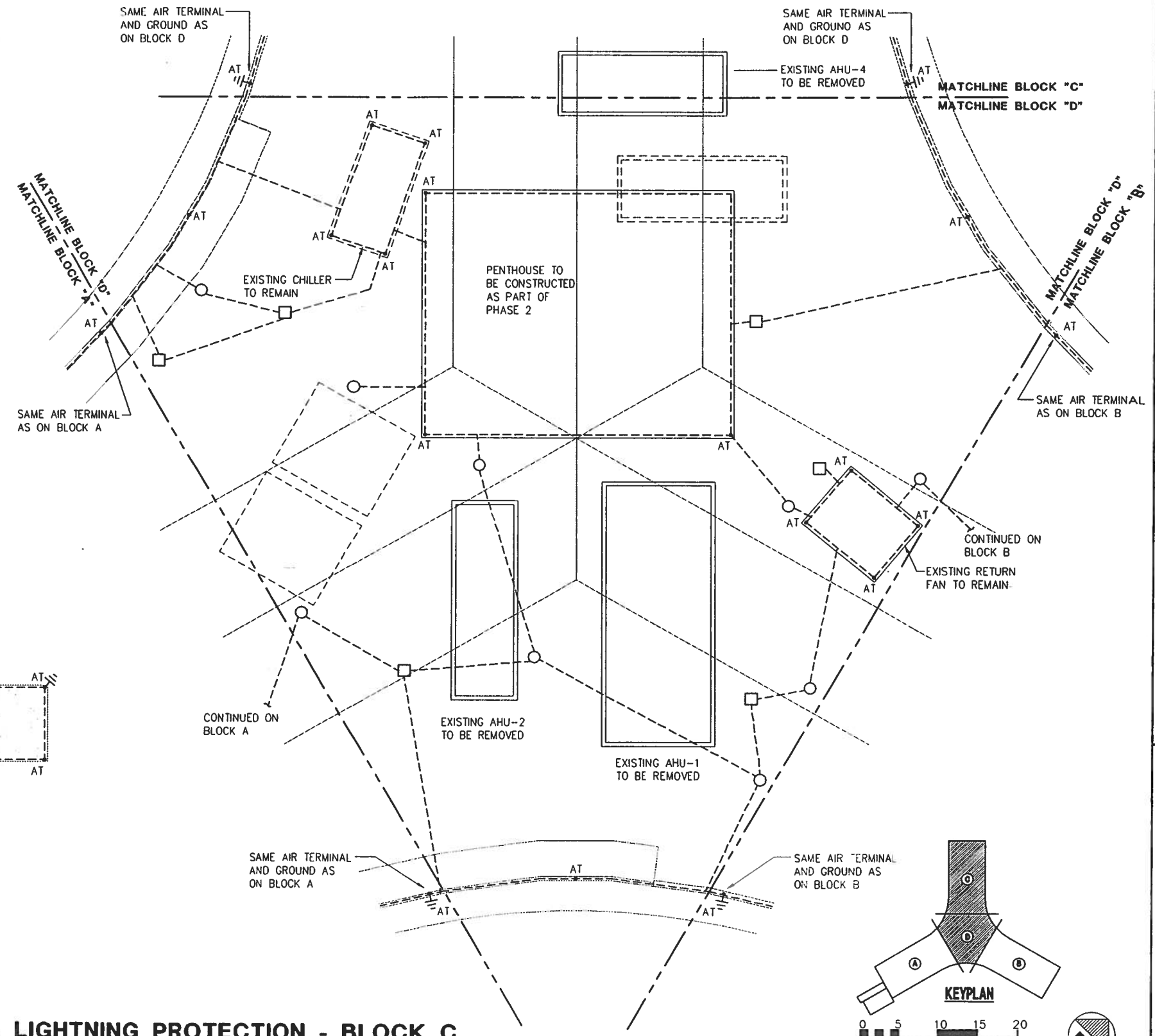


LIGHTNING PROTECTION - BLOCK C
ROOF FLOOR



LIGHTNING PROTECTION - BLOCK D
ROOF FLOOR

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL LIGHTNING PROTECTION PLAN - BLOCKS C & D

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO. | SHEET ? OF ??

SEAL AREA

ENG. DIV. DIR.: DATE: SATISFACTORY TO: DATE:

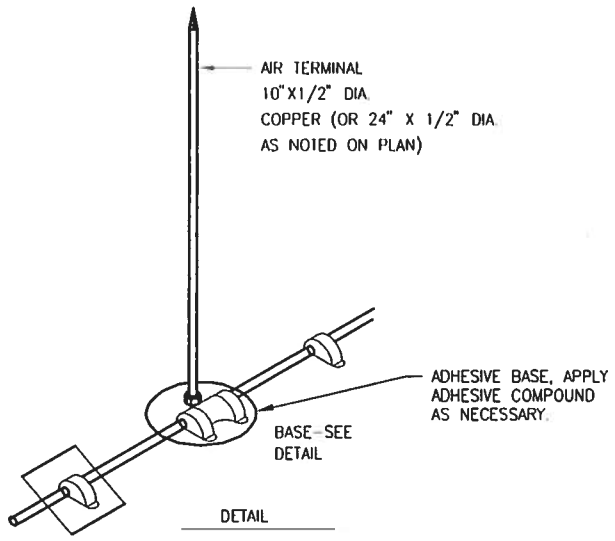
DESIGN BY: JEA DRAWN BY: CRN

DATE | REVISION DESCRIPTION

DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
NAVAL FACILITIES ENGINEERING COMMAND

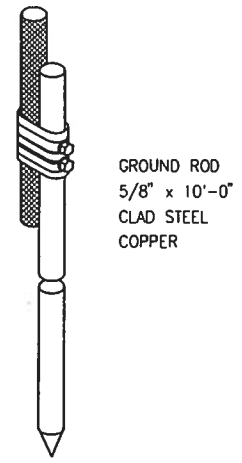
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL LIGHTNING PROTECTION PLAN - BLOCKS C & D

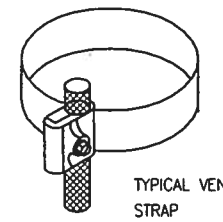
PLATE NO.
ELP-3

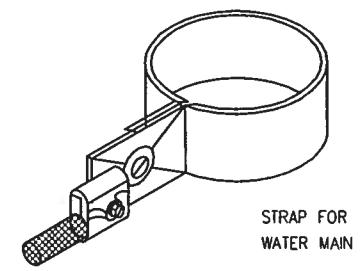


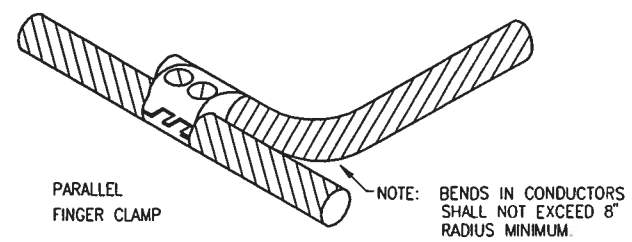
DETAIL

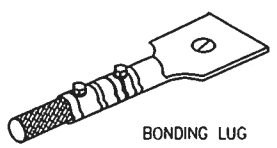
MOUNTING OF MID-ROOF
AIR TERMINAL



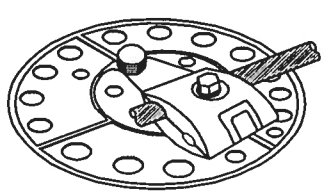




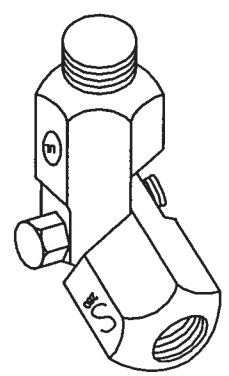




BONDING LUG



AIR TERMINAL BASE



SWIVEL CONNECTOR

GENERAL AND INSTALLATION NOTES

- INSTALLATION SHALL COMPLY IN ALL RESPECTS TO LPI CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER. COMPLETED INSTALLATION TO RECEIVE SYSTEM CERTIFICATION INCLUDING SUBMITTAL OF FORMS LPI 175A, 175B, AND 175C.
- ONE COPY OF "AS-BUILT" DRAWINGS SHALL BE SUBMITTED WITH THE LPI FORMS 175A 175B.
- LOCATE AIR TERMINALS AS SHOWN. TAKE CARE TO INSURE THAT ALL POINTS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS, AND RIDGE ENDS, AND THAT MAXIMUM SPACING DOES NOT EXCEED 25'-0", AND THAT MINIMUM PROJECTION ABOVE OBJECT PROTECTED IS 10".
- MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND INSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND DO NOT EXCEED 90.
- SUPPORT ALL EXPOSED ROOF, DOWNLEAD, AND BONDING CABLES AT 3'-0" ON CENTER MAXIMUM.
- GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 10'-0".
- BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY NFPA AND LPI CODES.
- INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRICAL, TELEPHONE, AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODES.
- BOND TO METAL BODIES OF CONDUCTANCE ON ROOF WITH MAIN SIZE CONDUCTORS AS SHOWN AND AS REQUIRED BY NFPA AND LPI CODES. THESE BONDS INCLUDE BUT ARE NOT LIMITED TO EXHAUST FANS, VENTS, HANDRAILS, LADDERS, METAL SCREENS AND PANELS, H.V.A.C. UNITS, HATCHES, SKYLINES, CODLING TOWERS, FLAGPOLES, ANTENNAS, ETC., OR ANY LARGE METAL BODY SUBJECT TO DIRECT STROKE OR WHICH EXCEEDS THE HEIGHT OF ADJACENT AIR TERMINALS.
- BOND TO METAL BODIES OF INDUCTANCE LOCATED WITHIN 6'-0" OF MAIN CONDUCTOR OR OTHER BONDED OBJECT WITH APPROVED SECONDARY BONDING CONDUCTOR AS SHOWN AND AS REQUIRED BY NFPA AND LPI CODES. SUCH OBJECTS INCLUDE BUT ARE NOT LIMITED TO FLASHINGS, METAL COPING CAPS, GRAVEL GUARDS, FASCIAS, ROOF DRAINS, DOWNSPOUTS, INTERIOR DUCTS, MACHINERY OR PIPING, ETC., OR IN GENERAL ANY ISOLATED BODY AT OR BELOW THE ROOF SUBJECT TO INDUCTANCE AND WITHIN 6'-0" OF SYSTEM.
- SYSTEM SHALL BE INSTALLED AS SHOWN TO INSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. ANY MAJOR VARIANCE SHALL ENTAIL RESUBMITTAL AND NEW APPROVAL.
- LIGHTNING PROTECTION SYSTEM SHALL BE MOUNTED SECURELY TO THE STRUCTURE USING AN APPROVED ADHESIVE ON SINGLE PLY RUBBER ROOF MEMBRANE OR MACHINE BOLT WITH NUT AND LOCK WASHER ON SHEET METAL.

NOTE:

LIGHTNING PROTECTION DRAWINGS ARE FOR BID PURPOSES ONLY. INSTALLATION MUST BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS OF A LIGHTNING PROTECTION INSTITUTE (LPI) LICENSED MANUFACTURER. INSTALLATION SHALL BE IN COMPLETE ACCORDANCE WITH UL-78 , UL-96 , UL-96A AND UL-467.

SEAL AREA

ENG. DIV. DIR.: DATE: SATISFACTORY TO: DATE:

DESIGN BY: JEA DRAWN BY: CBN
CHK BY: RES APPROVED:

DATE	REVISION DESCRIPTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
LIGHTNING PROTECTION DETAILS

CONTR. CONTR. NO | PWC DWG. NO | NAVFAC DWG. NO

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS – ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
LIGHTNING PROTECTION DETAILS

CONTR. CONTR. NO | SPECIFICATION NO | NAVFAC DWG. NO | IT NO | SHEET ? OF ??

PLATE NO.
ELP-4

PWC #

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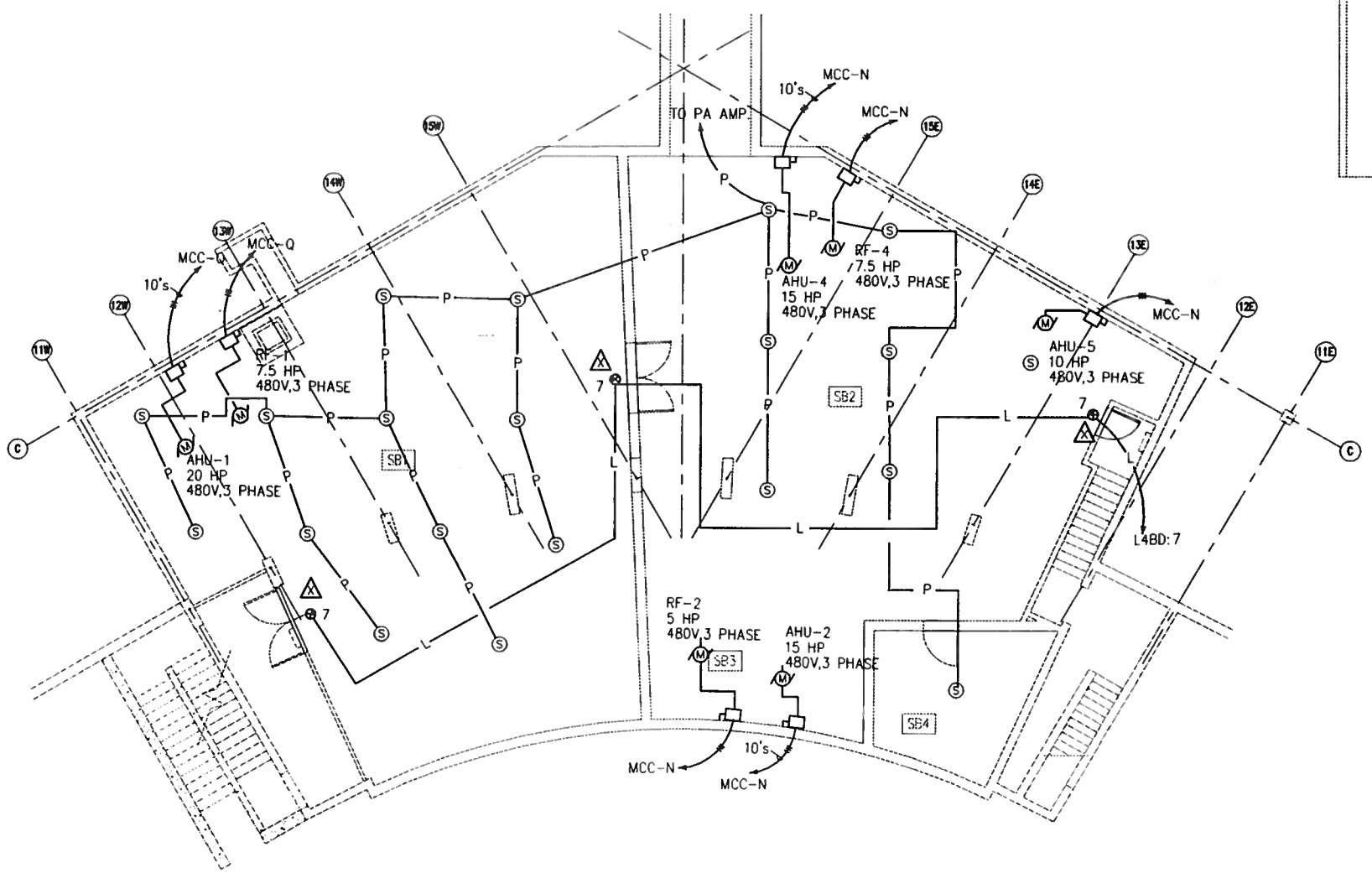
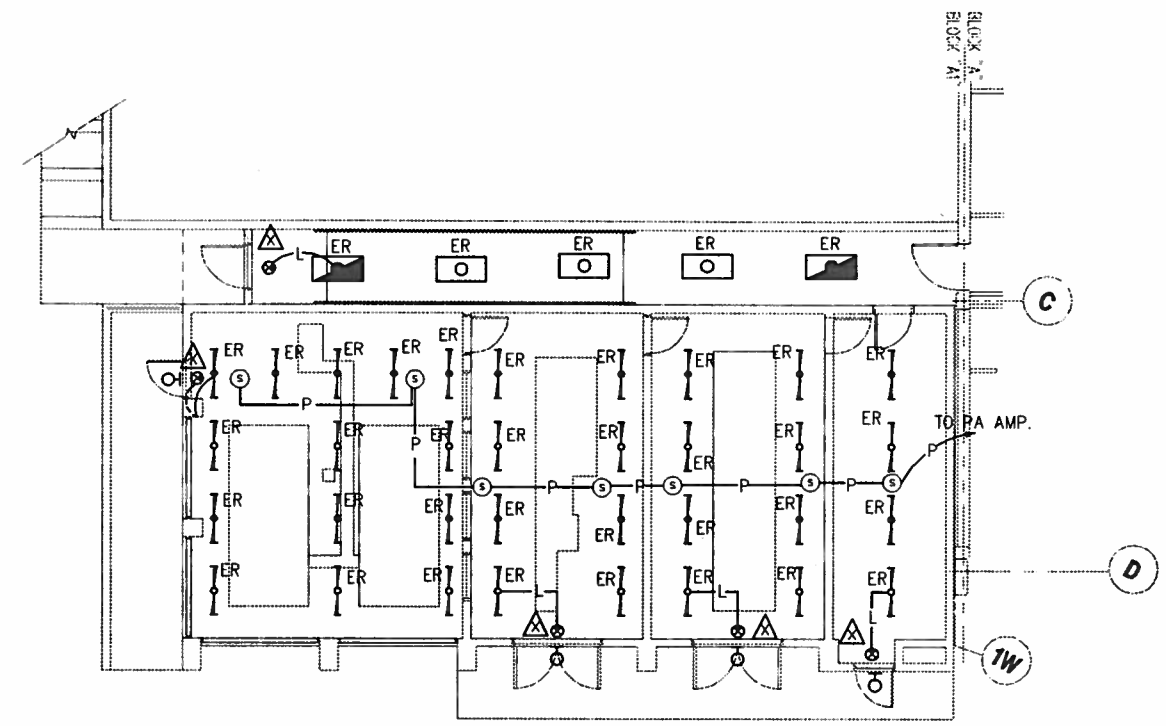


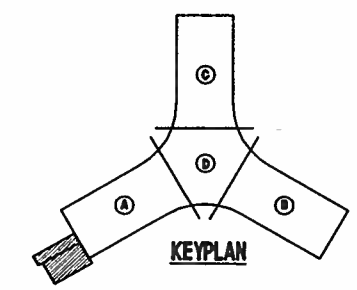
FLOOR PLAN
SUB-BASEMENT FLOOR

SCALE: 1/8" = 1'-0"

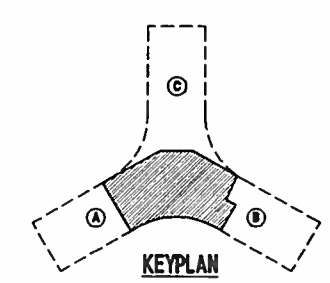


GENERATOR BUILDING

SCALE: 1/8" = 1'-0"



KEYPLAN



KEYPLAN

0 5 10 15 20

GRAPHIC SCALE
1/8"=1'-0"

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SUB-BASEMENT FLOOR

CONSTR. CONTR. NO	SPECIFICATION NO	NAVFAC DRWG NO	TF NO
			SHEET ? OF ??

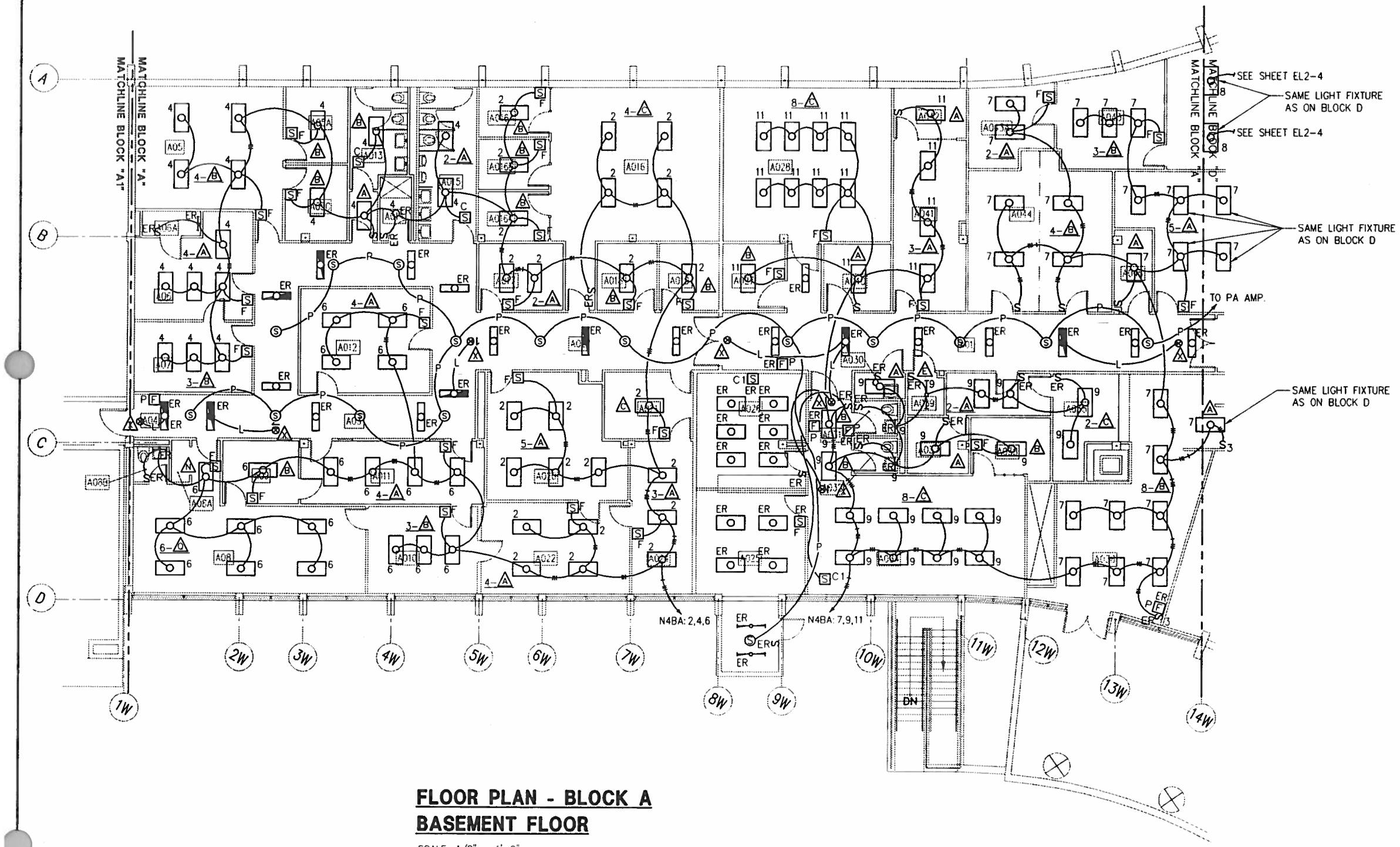
SEAL AREA

ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:
DESIGN BY: JEA DRAWN BY: CBN

REVISION DESCRIPTION DATE

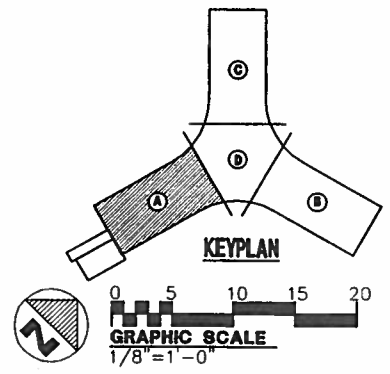
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SUB-BASEMENT FLOOR

PLATE NO.
EP2-1



FLOOR PLAN - BLOCK A
BASEMENT FLOOR

SCALE: 1/8" = 1'-0"



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MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – BASEMENT FLOOR – BLOCK A

CONSTR. CONTR NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO | SHEET ? OF ??

SEAL AREA

ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:

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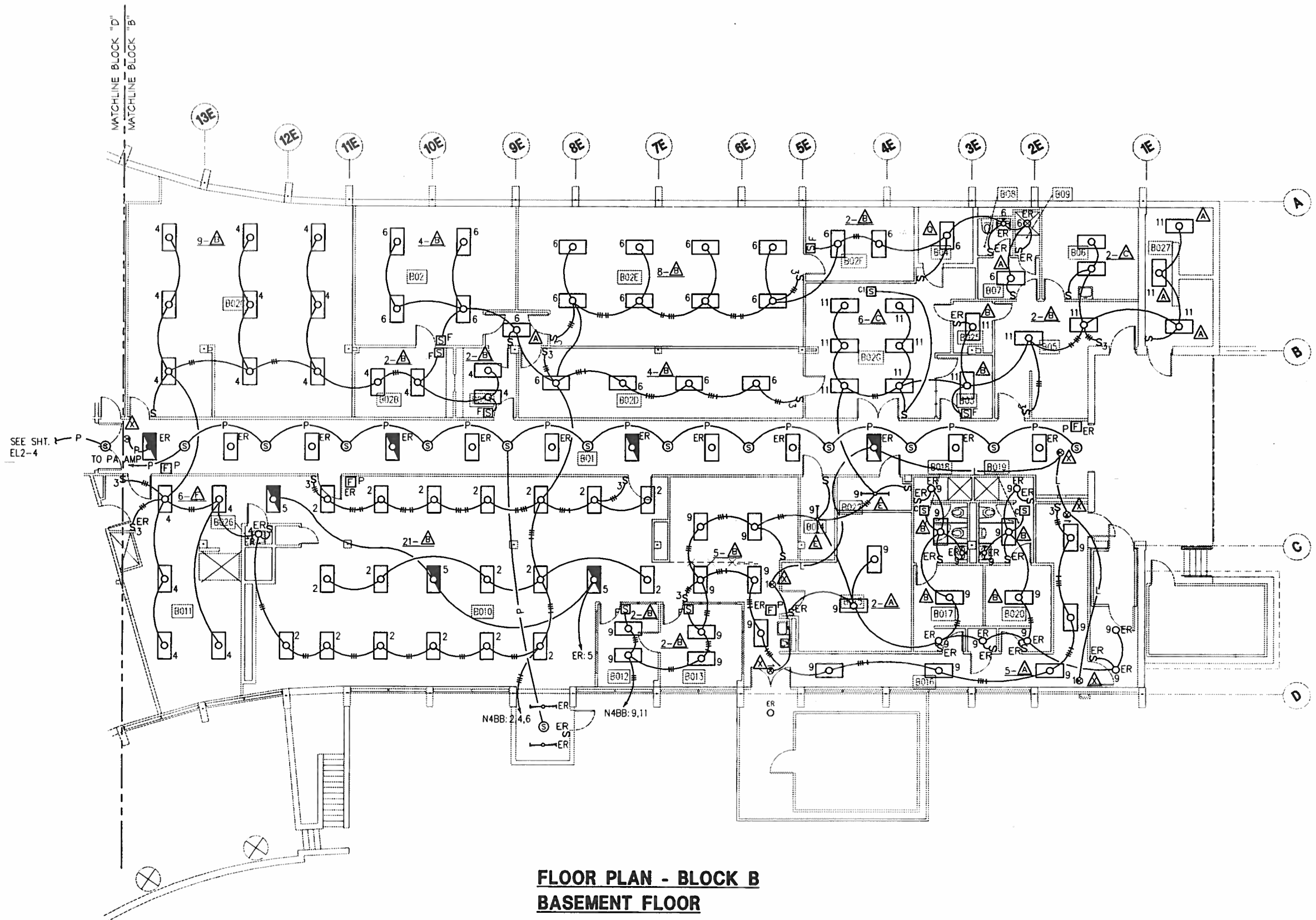
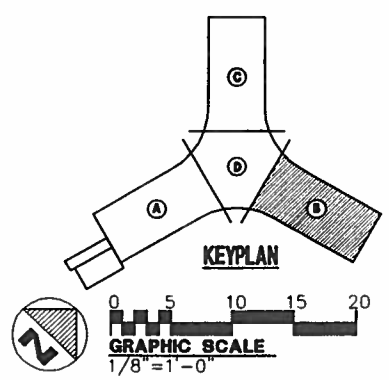
NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – BASEMENT FLOOR – BLOCK A

PLATE NO.
EP2-2



FLOOR PLAN - BLOCK B
BASEMENT FLOOR

SCALE: 1/8" = 1'-0"



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MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – BASEMENT FLOOR – BLOCK B

CONSTR. CONTR. NO | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO | SHEET ? OF ??

SEAL AREA

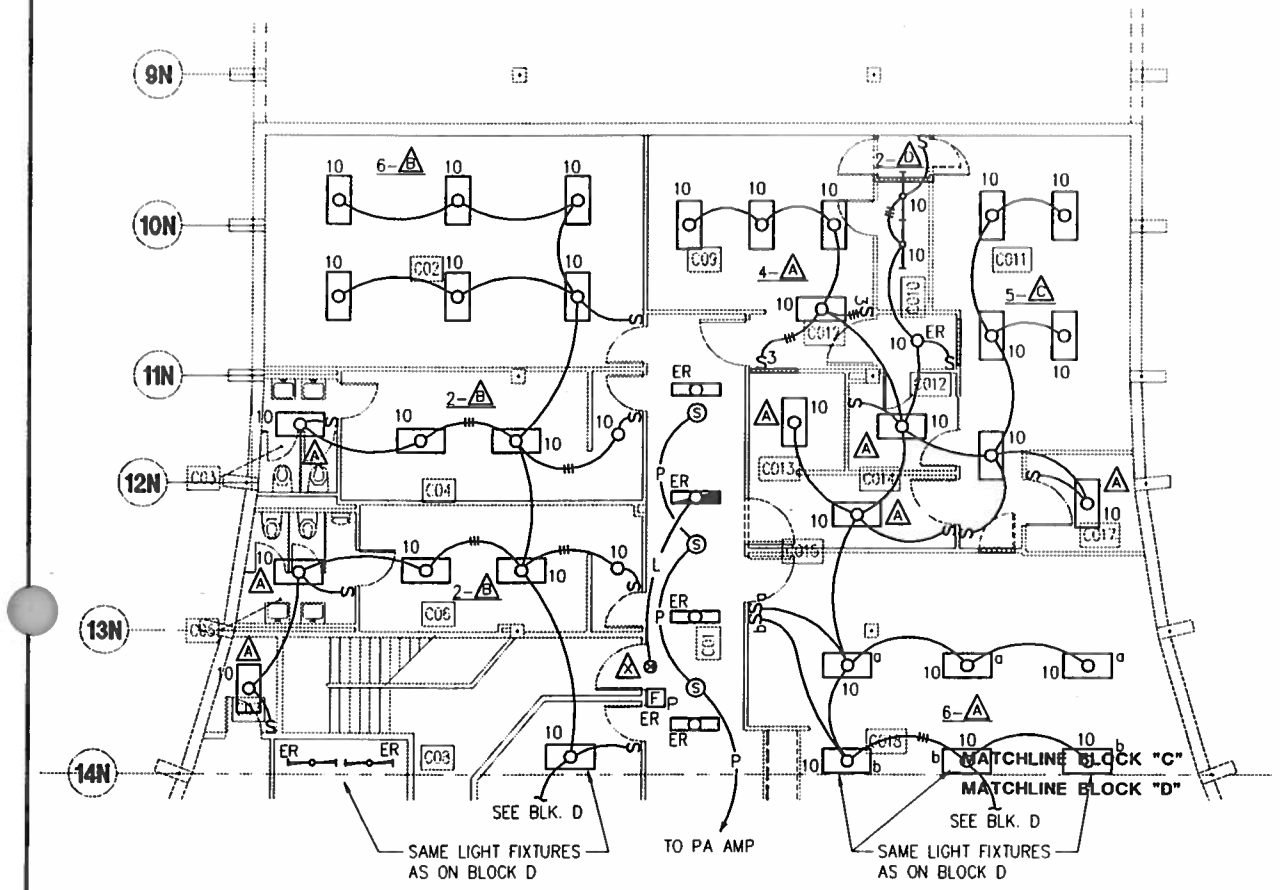
ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:

DESIGN BY: JFA DRAWN BY: CRN

REVISION DESCRIPTION | DATE

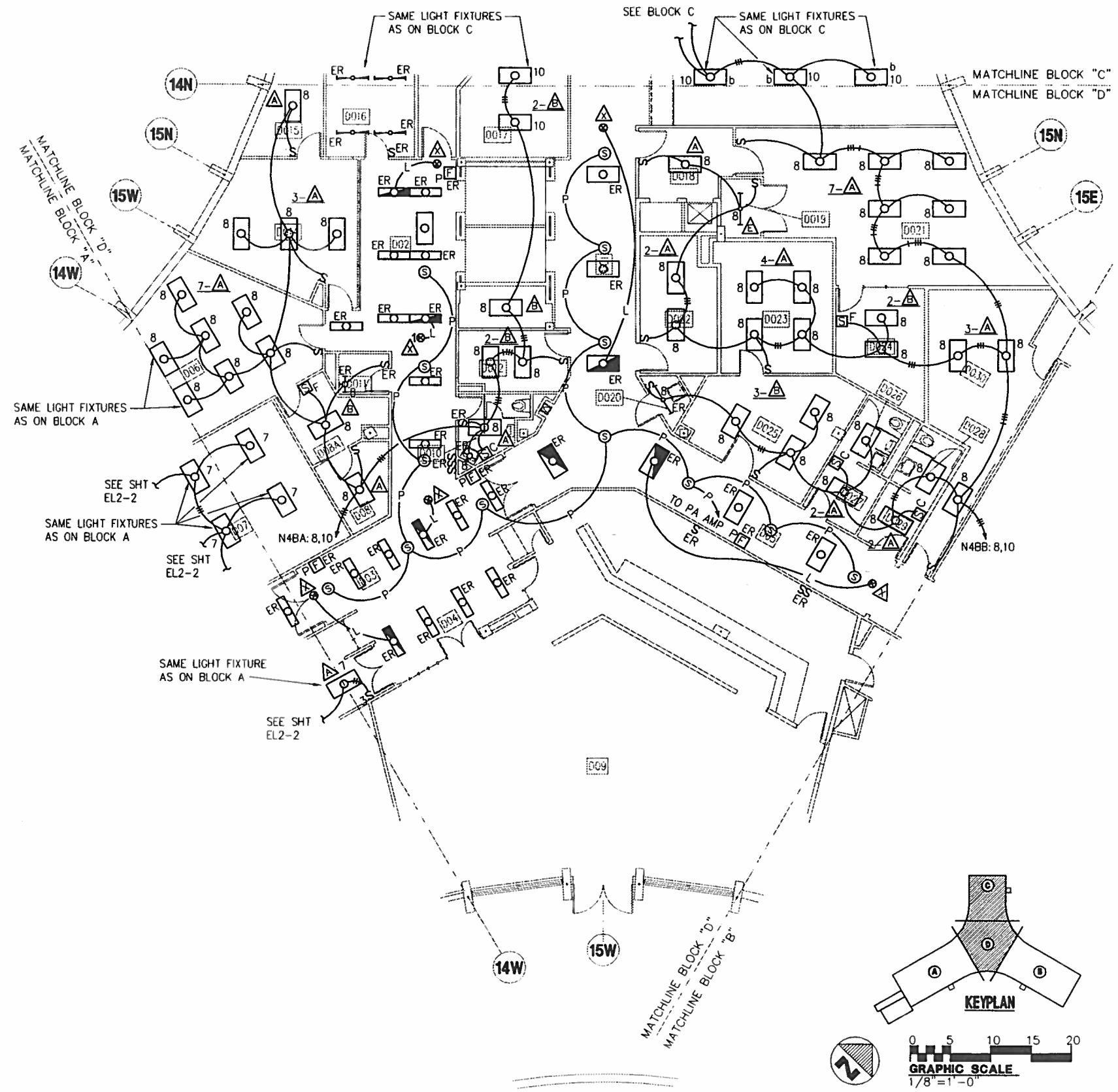
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – BASEMENT FLOOR – BLOCK B

PLATE NO.
EP2-3



FLOOR PLAN - BLOCK C
BASEMENT FLOOR

SCALE: 1/8" = 1'-0"



FLOOR PLAN - BLOCK D
BASEMENT FLOOR

SCALE: 1/8" = 1'-0"

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MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN BASEMENT FLOOR-BLOCKS C & D

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO. | SHEET ? OF ??

SEAL AREA

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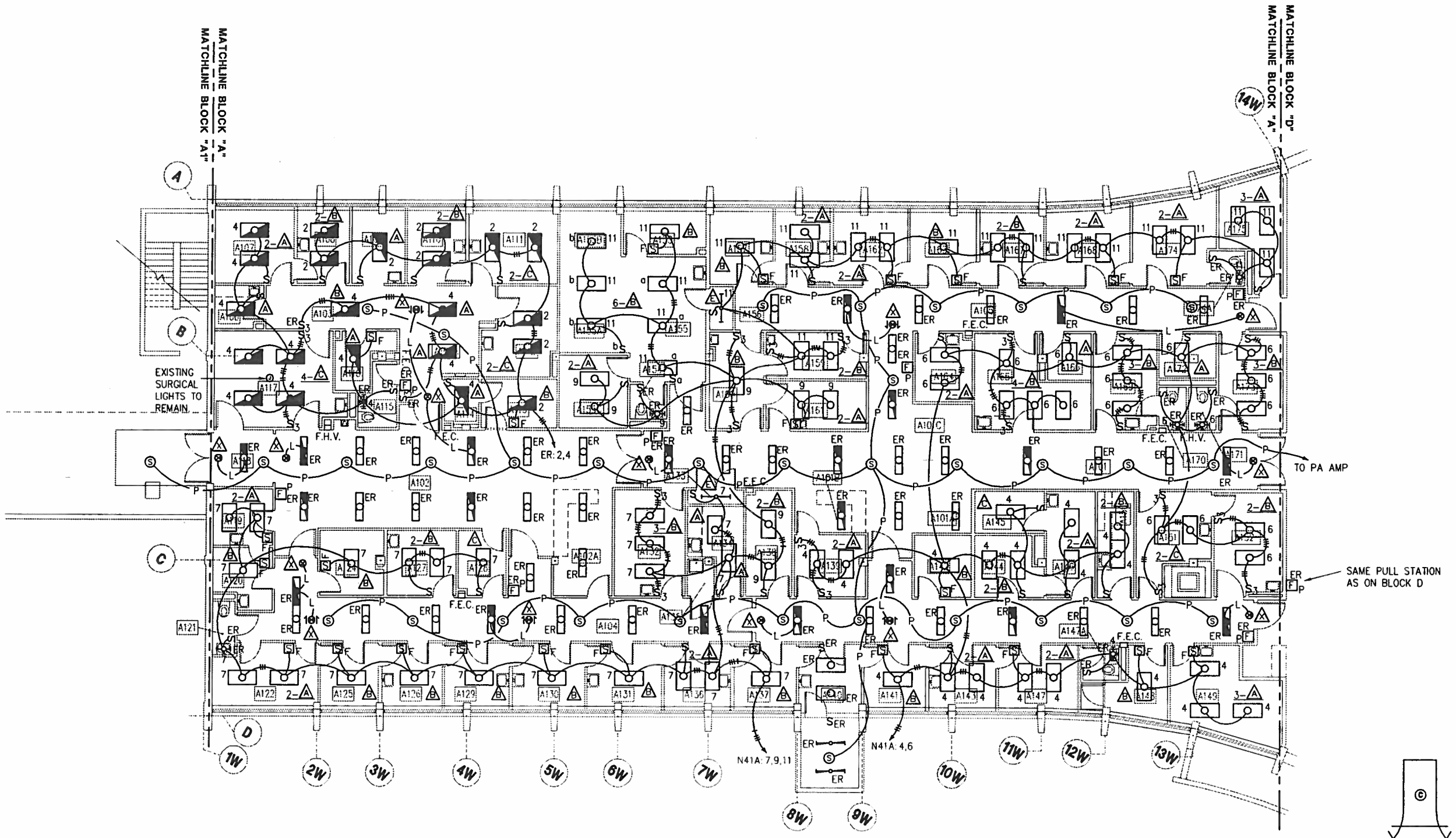
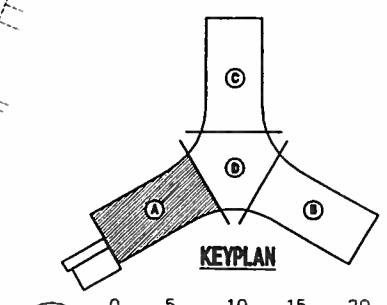
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN
BASEMENT FLOOR - BLOCKS C & D

PLATE NO
EP2-4



FLOOR PLAN - BLOCK A
FIRST FLOOR

SCALE: 1/8" = 1'-0"



0 5 10 15 20
GRAPHIC SCALE
1/8"=1'-0"

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ARCHITECTS – ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – FIRST FLOOR – BLOCK A

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO. | SHEET ? OF ??

SEAL AREA

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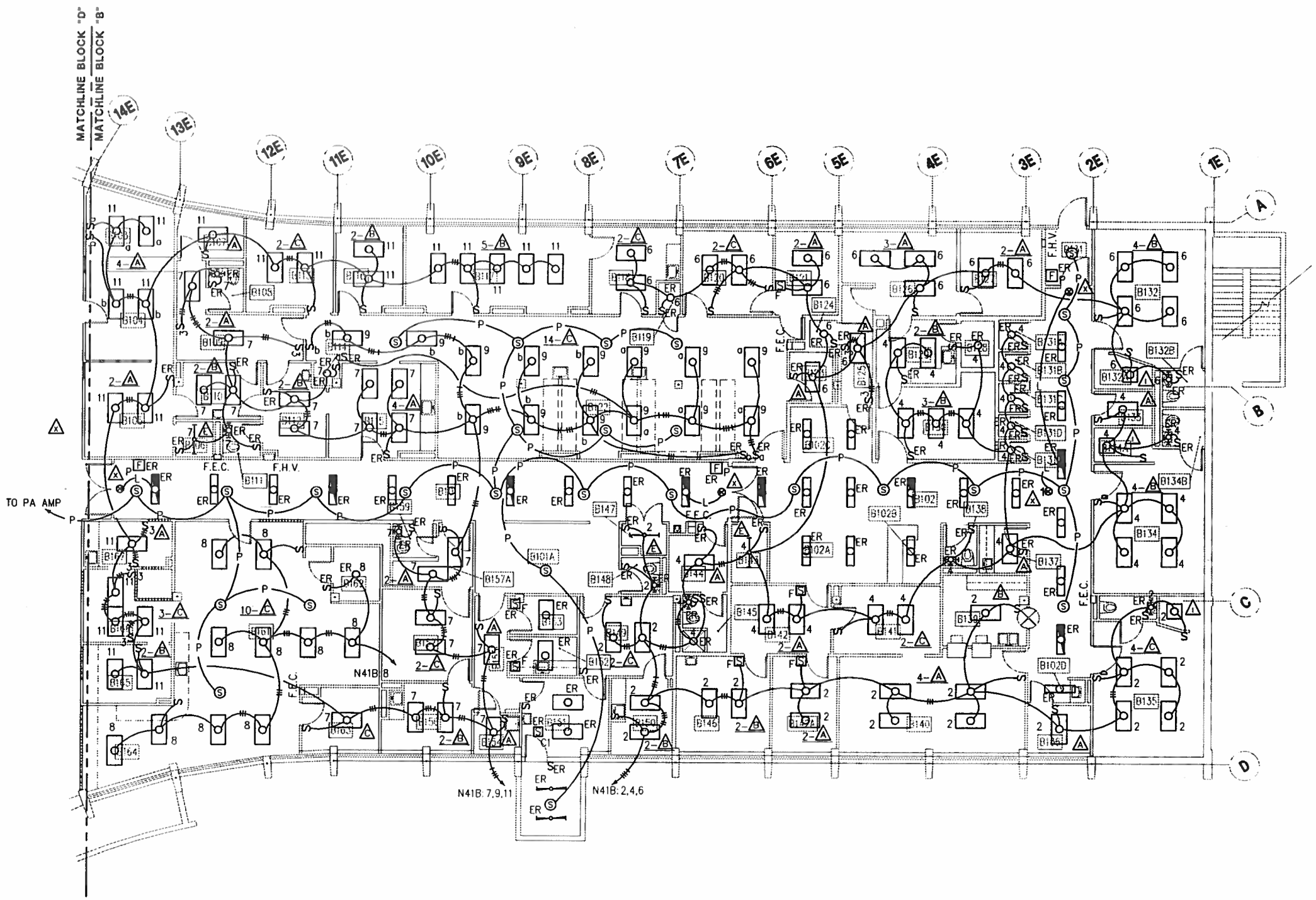
REVISION DESCRIPTION | DATE

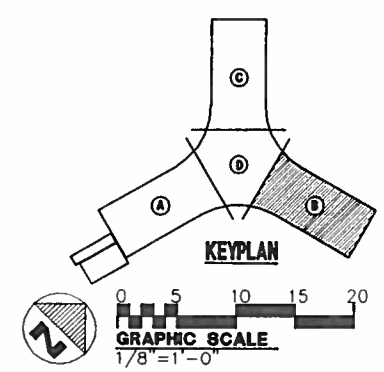
NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – FIRST FLOOR – BLOCK A

PLATE NO.
EP2-5



FLOOR PLAN - BLOCK B
FIRST FLOOR

SCALE: 1/8" = 1'-0"



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MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – FIRST FLOOR – BLOCK B

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | IT NO. | SHEET ? OF ??

SEAL AREA

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CHK. BY: RES APPROVED:

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NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – FIRST FLOOR – BLOCK B

NAVFAC DWG. NO. | PWC DWG. NO. | CONSTR. CONTR. NO.

PLATE NO.
EP2-6

PWC #

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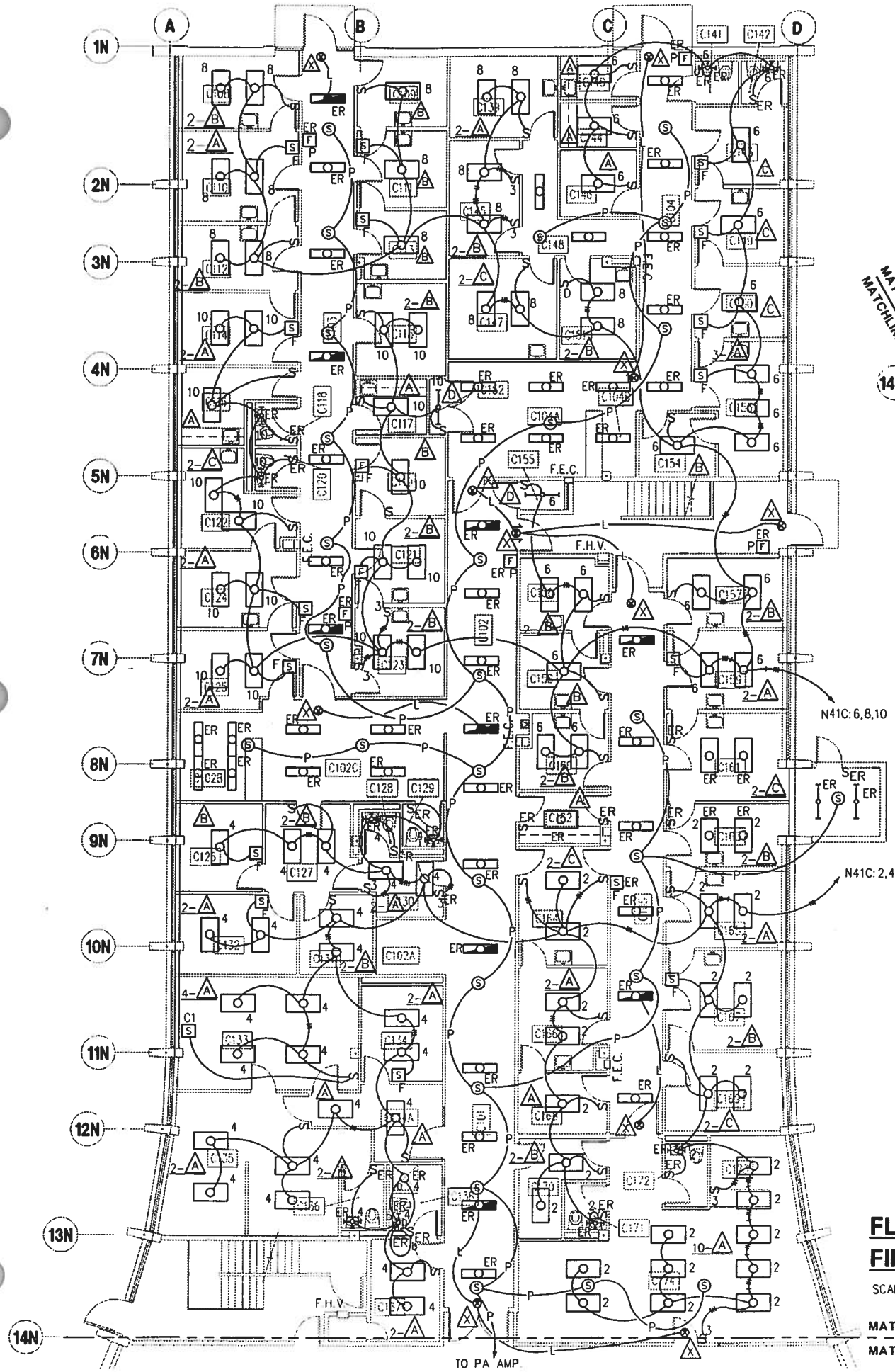
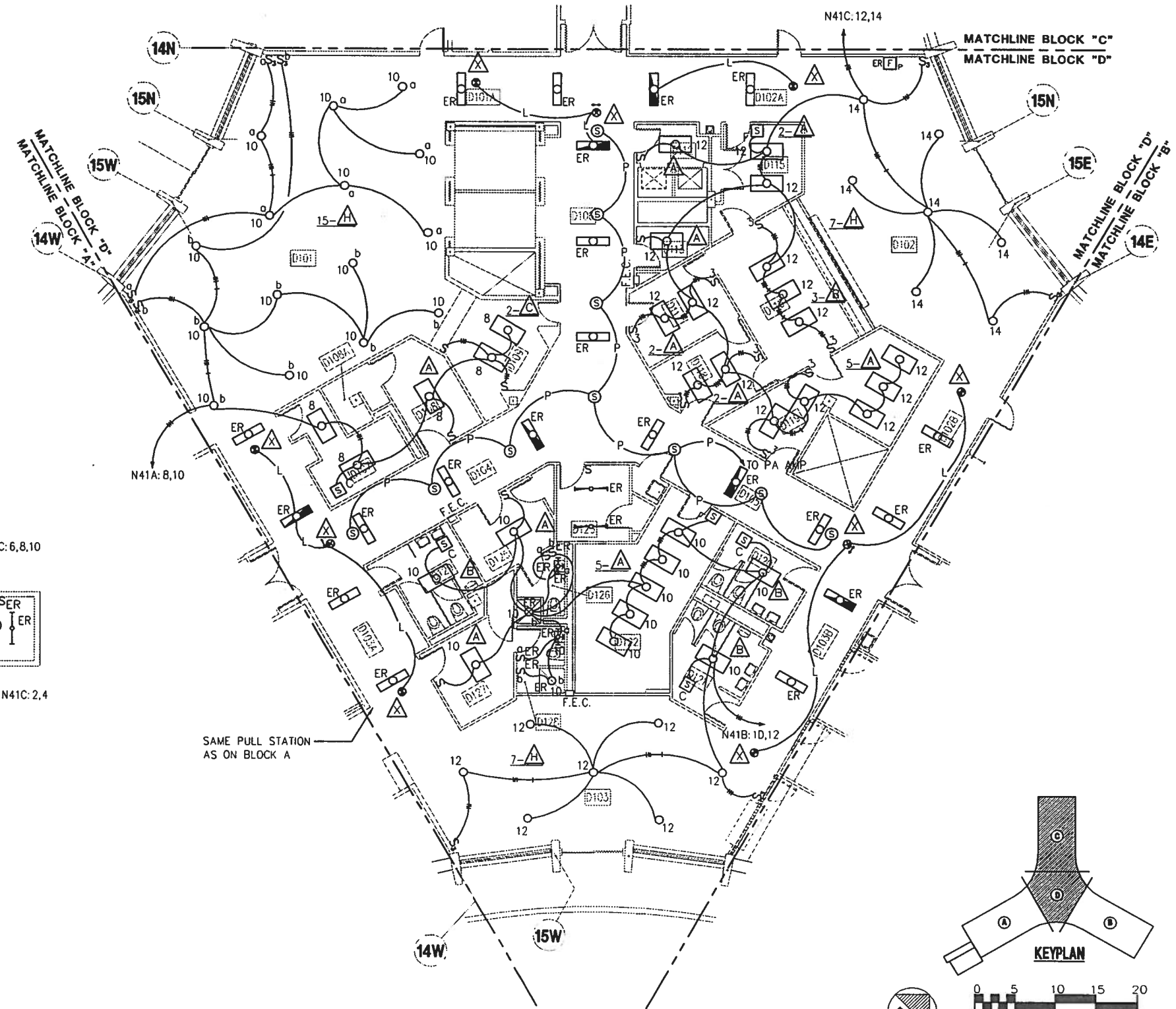


FLOOR PLAN - BLOCK C
FIRST FLOOR

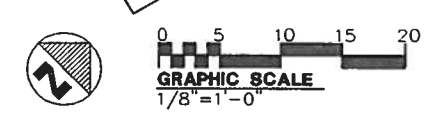
SCALE: 1/8" = 1'-0"

MATCHLINE BLOCK "C"
MATCHLINE BLOCK "D"



FLOOR PLAN - BLOCK D
FIRST FLOOR

SCALE: 1/8" = 1'-0"



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U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - FIRST FLOOR - BLOCKS C & D

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO. | SHEET ? OF ??

SEAL AREA

ENG. DIV. DIR.: DATE:
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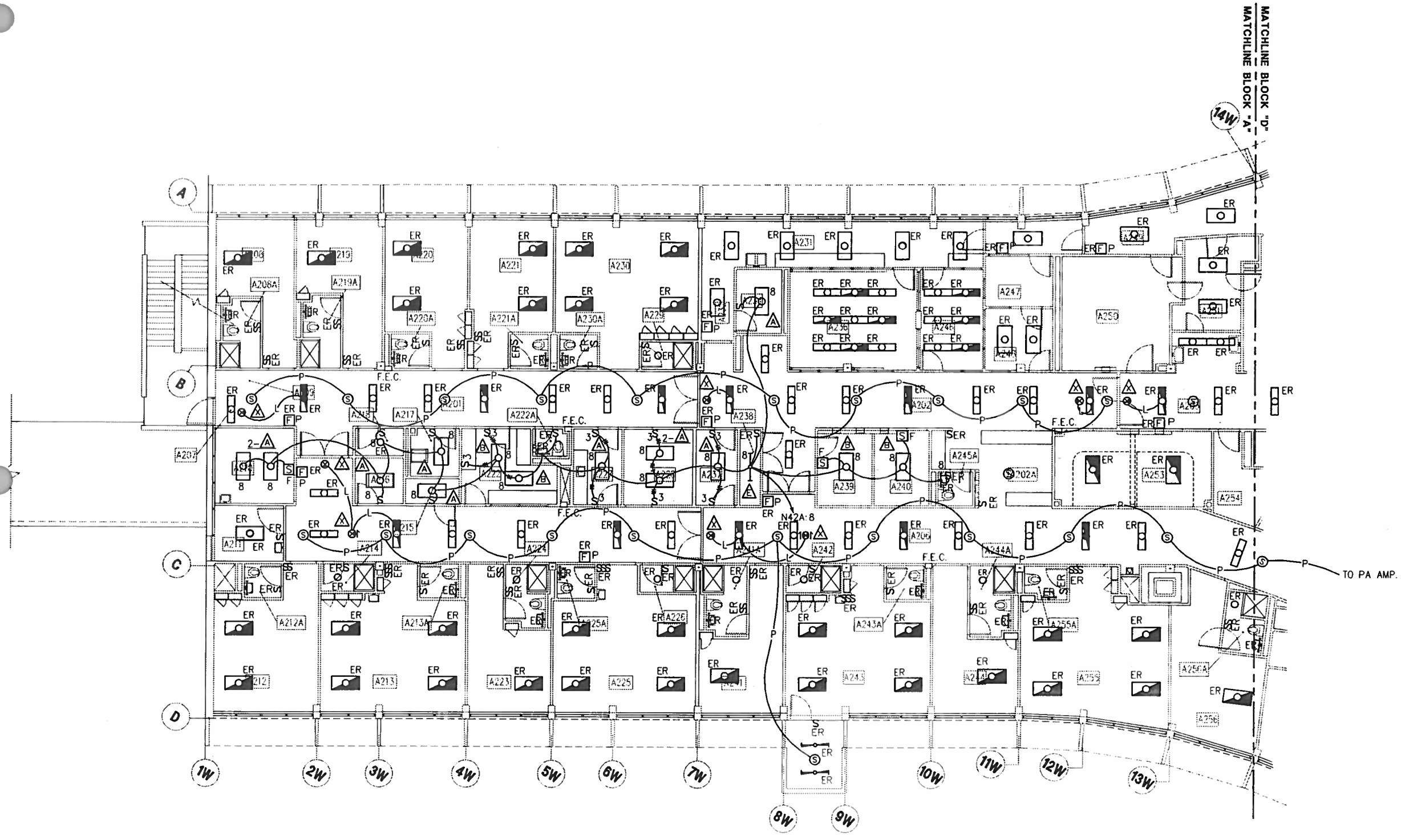
REVISION DESCRIPTION | DATE

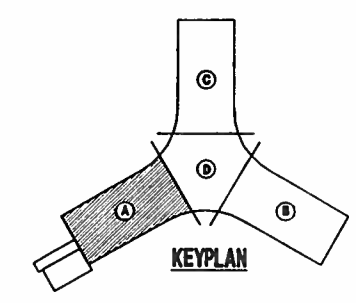
NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - FIRST FLOOR - BLOCKS C & D

PLATE NO.
EP2-7



FLOOR PLAN - BLOCK A
SECOND FLOOR

SCALE: 1/8" = 1'-0"



GRAPHIC SCALE
0 5 10 15 20
1/8"=1'-0"

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCK A

CONSTR. CONTR. NO. | SPECIFICATION NO. | NAVFAC DRWG. NO. | TF NO. | SHEET ? OF ??

SEAL AREA

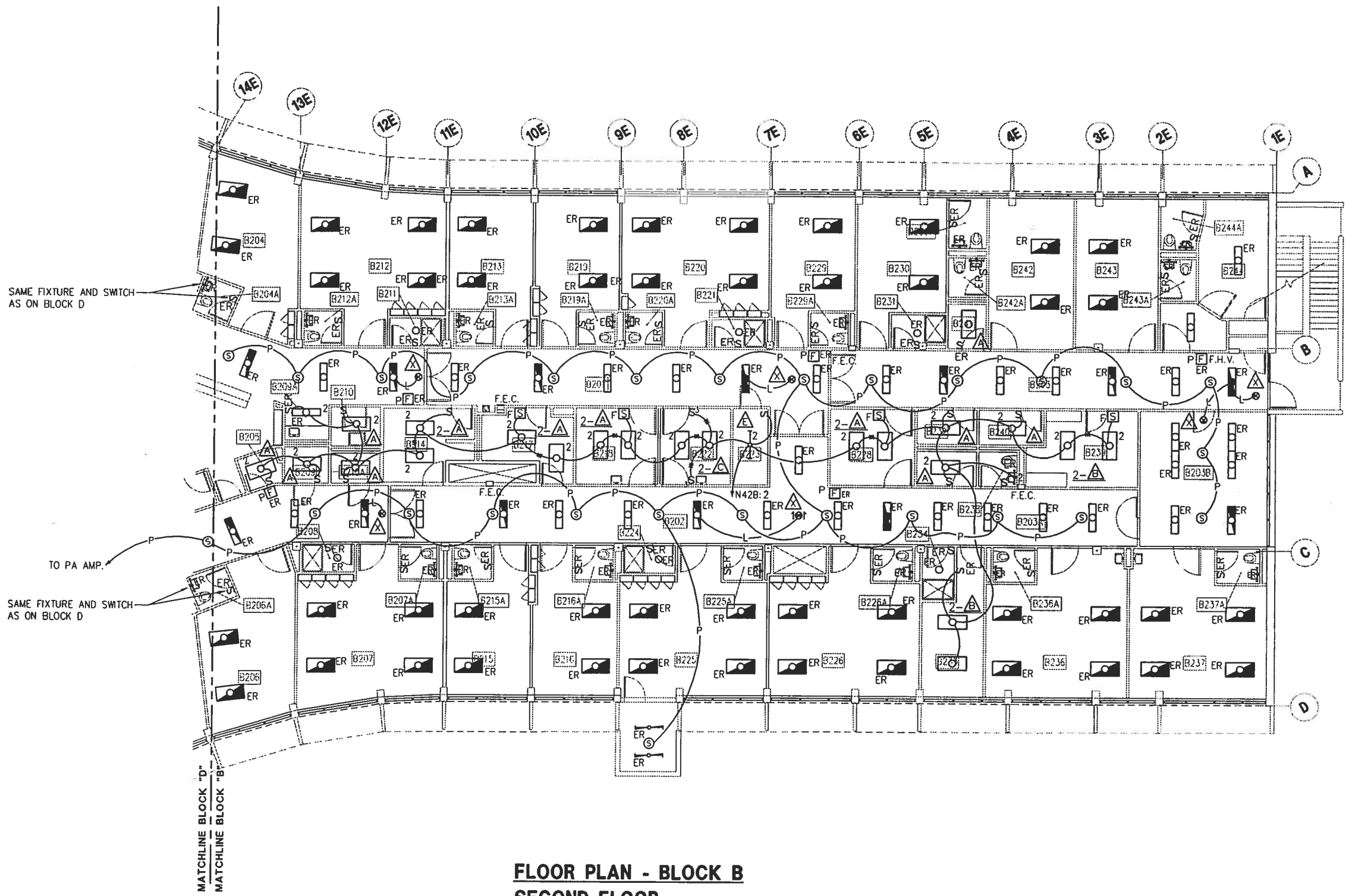
DESIGN BY: JEA
DRAWN BY: CBN
ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:

REVISION DESCRIPTION | DATE

NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCK A

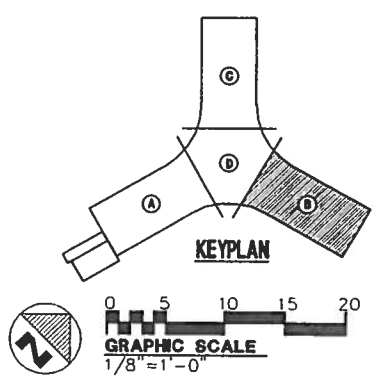
CONSTR. CONTR. NO. | NAVFAC DWG. NO. | PWC DWG. NO.

PLATE NO
EP2-8



FLOOR PLAN - BLOCK B
SECOND FLOOR

SCALE 1/8" = 1'-0"



SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

U.S NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCK B

CONSTR CONTR NO | SPECIFICATION NO | NAVFAC DRWG NO | TF NO | SHEET ? OF ??

SEAL AREA

ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:
DESIGN BY: JEA DRAWN BY: CBN
CHK BY: RES APPROVED:

DATE | REVISION DESCRIPTION

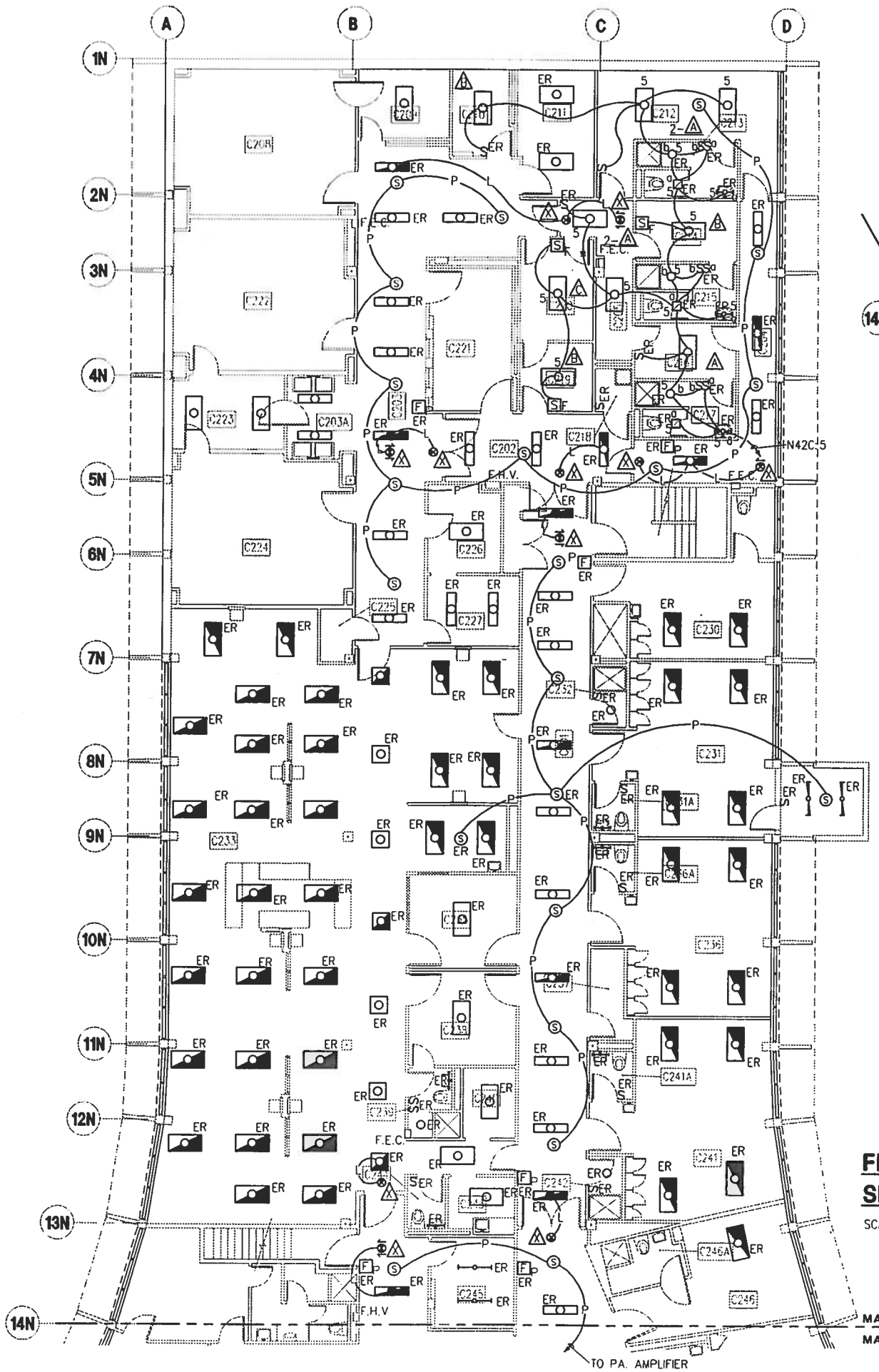
NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCK B

CONSTR. CONTR. NO | NAVFAC DWG. NO | PWC DWG. NO

PLATE NO
EP2-9

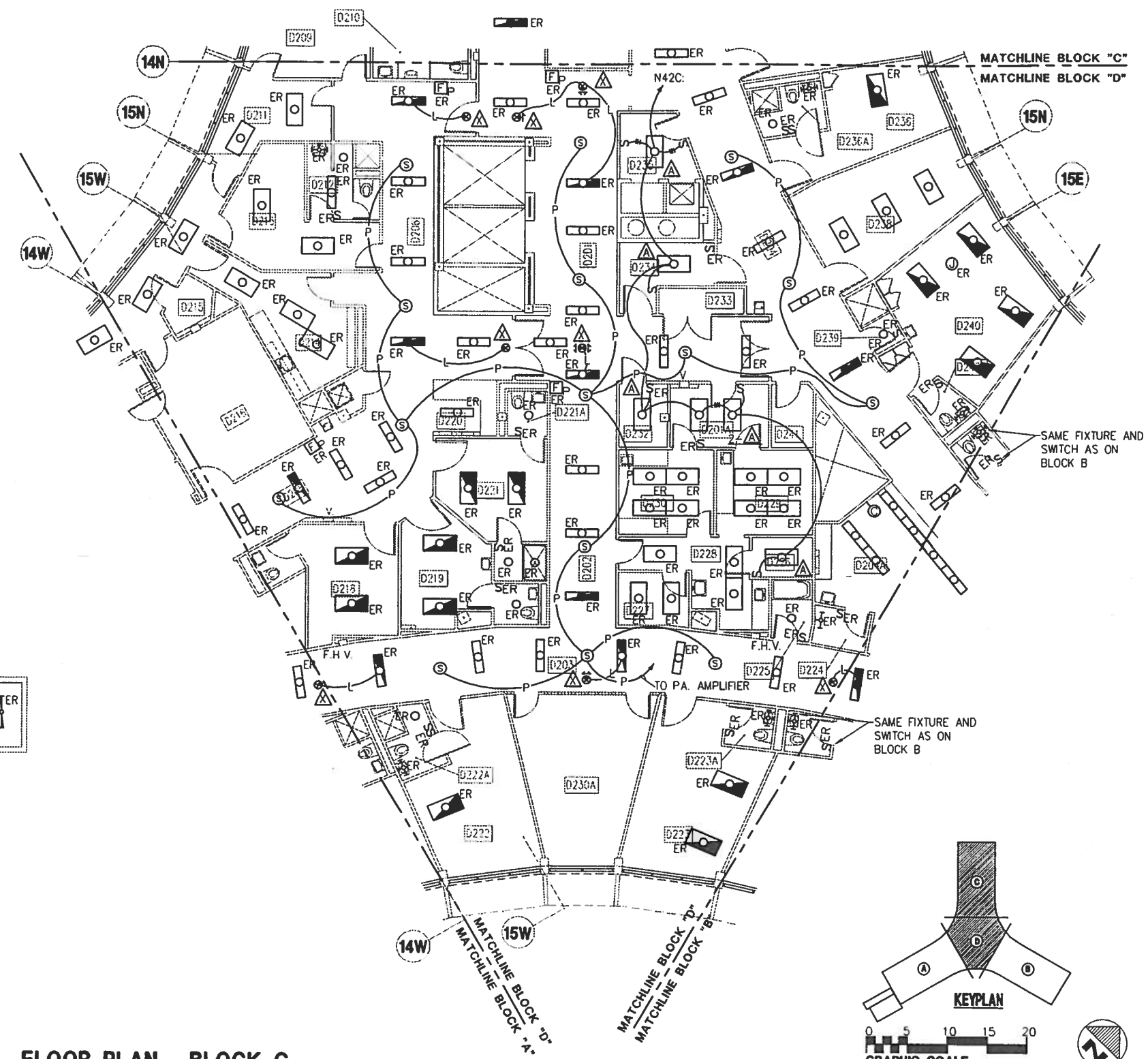
PWC #

P:\95-123\EL\123EP209.dwg (4896) 05/10/96 at 11:57:29 by NELSON, B



FLOOR PLAN - BLOCK C
SECOND FLOOR

SCALE: 1/8" = 1'-0"



FLOOR PLAN - BLOCK D
SECOND FLOOR

SCALE: 1/8" = 1'-0"

SEAL AREA

ENG. DIV. DIR.: DATE:
SATISFACTORY TO: DATE:
DESIGN BY: JEA DRAWN BY: CBN
CHK BY: RES APPROVED:

DATE	REVISION DESCRIPTION

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – SECOND FLOOR – BLOCKS C & D

CONSTR. CONTR. NO | NAVFAC DWG. NO | PWC DWG. NO

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS – ENGINEERS
MONTGOMERY, ALABAMA

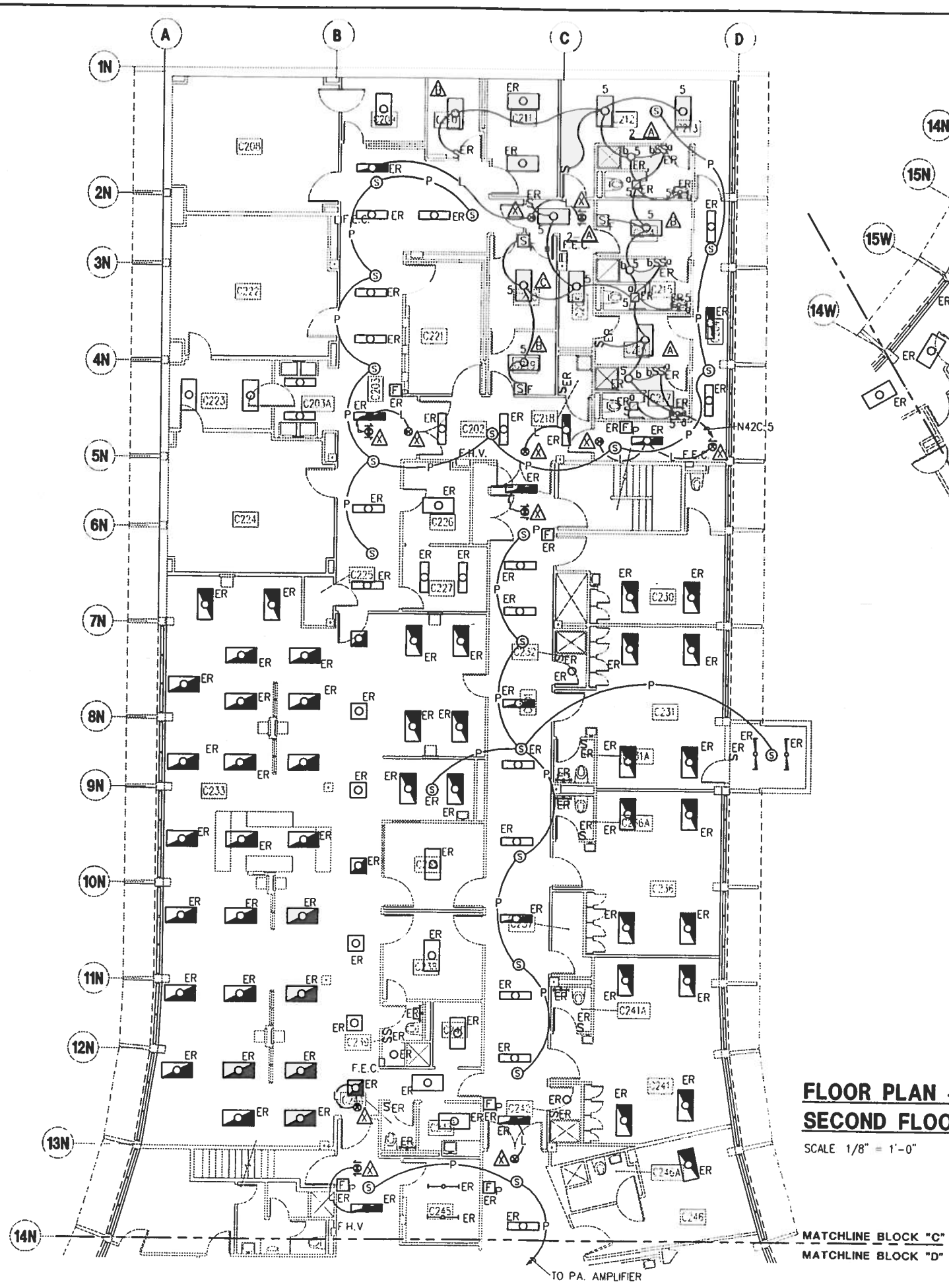
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN – SECOND FLOOR – BLOCKS C&D

CONSTR. CONTR. NO | SPECIFICATION NO. | NAVFAC DWG. NO | TF NO | SHEET ? OF ??

PLATE NO
EP2-10

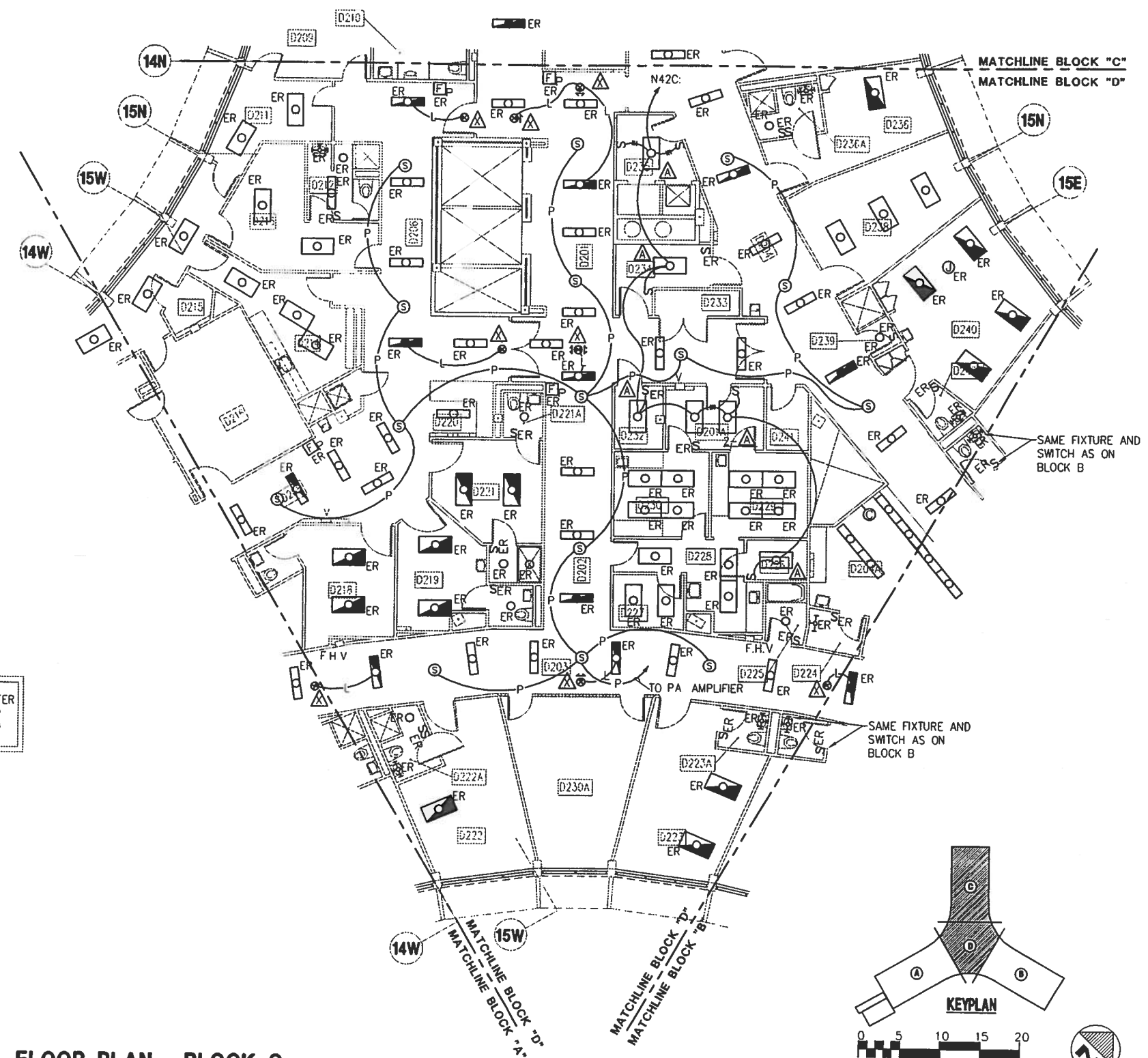
PWC #

P:\95-123\EL\123EP210.dwg, (4896), 05/10/96 at 08:54:50 by NELSON_B



FLOOR PLAN - BLOCK C
SECOND FLOOR

SCALE 1/8" = 1'-0"



FLOOR PLAN - BLOCK D
SECOND FLOOR

SCALE 1/8" = 1'-0"

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

U S NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCKS C&D

CONSTR. CONTR. NO | SPECIFICATION NO | NAVFAC DRWG. NO | TF NO | SHEET ? OF ??

SEAL AREA

ENG. DIV. DIR. | DATE | SATISFACTORY TO: | DATE:

DESIGN BY JEA | DRA. BY CBN | CHK. BY RES | APPROVED:

REVISION DESCRIPTION | DATE

DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
NAVAL FACILITIES ENGINEERING COMMAND

U S NAVAL STATION ROOSEVELT ROADS, P R
REPAIRS TO NAVAL HOSPITAL
ELECTRICAL PLAN - SECOND FLOOR - BLOCKS C & D

CONSTR. CONTR. NO | NAVFAC DWG. NO. | PWC DWG. NO.

PLATE NO.
EP2-10

PWC #

PANELBOARD SCHEDULE

Panel N4BA
Service 3 Phase 4 Wire
☐ 208Y/120V
☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

15897 AIC Minimum

☒ Surface mounted panel
☐ Flush mounted panel
☒ 200% Neutral Bar

Remarks

CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING ØA	LIGHTING ØB	LIGHTING ØC	GEN. RECEPT. ØA	GEN. RECEPT. ØB	GEN. RECEPT. ØC	SPECIAL ØA	SPECIAL ØB	SPECIAL ØC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
1	20	1		5.8													A016,16A,16B,16B,16C,17, 18,19,20,21,22,24/LGTS
3	20	1		7.2									20	1		2	C01, B01, B05/LGTS
5	20	1			1.4												A05, 05A,05B,06,06A, 07,13,14,15/LGTS
7	20	1			5.1								20	1		4	SPARE
9	20	1				5.0											A08,08A,09,10,11,12/LGTS
11	20	1		7.3									20	1		6	A036,43,43A,44,45,D07/LGTS
13		1		5.3													
15		1			7.1								20	1		8	D08,08A,10,11,12,14,15,16/LGTS
17		1			5.1												A031,32,34,35,37,38,39/LGTS
19		1				5.2							20	1		10	C02,03,04,05,06,07,D017/LGTS
21		1															A027,28,40,41,42/LGTS
23		1											20	1		12	SPACE ONLY
25		1															SPACE ONLY
27		1											20	1		14	SPACE ONLY
29		1															SPACE ONLY
31		1											20	1		16	SPACE ONLY
33		1															SPACE ONLY
35		1											20	1		18	SPACE ONLY
37		1															SPACE ONLY
39		1											20	1		20	SPACE ONLY
41		1															SPACE ONLY
43		1											20	1		22	SPACE ONLY
45		1															SPACE ONLY
47		1											–	1		24	SPACE ONLY
49		1															SPACE ONLY
51		1											–	1		26	SPACE ONLY
53		1															SPACE ONLY
55		1											–	1		28	SPACE ONLY
57		1															SPACE ONLY
59		1											–	1		30	SPACE ONLY
61		1															SPACE ONLY
63		1											–	1		32	SPACE ONLY
65		1															SPACE ONLY
67		1											–	1		34	SPACE ONLY
69		1															SPACE ONLY
71		1											–	1		36	SPACE ONLY
73		1															SPACE ONLY
75		1											–	1		38	SPACE ONLY
77		1															SPACE ONLY
79		1											–	1		40	SPACE ONLY
81		1															SPACE ONLY
83		1											–	1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)				25.7	18.7	10.2	0.0	0.0	0.0	0.0	0.0	0.0					

PANELBOARD SCHEDULE

Panel N4BB
Service 3 Phase 4 Wire
☐ 208Y/120V
☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

12169 AIC Minimum

☒ Surface mounted panel
☐ Flush mounted panel
☒ 200% Neutral Bar

Remarks

CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING ØA	LIGHTING ØB	LIGHTING ØC	GEN. RECEPT. ØA	GEN. RECEPT. ØB	GEN. RECEPT. ØC	SPECIAL ØA	SPECIAL ØB	SPECIAL ØC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
1	20	1		1.9													B01/LGTS
3	20	1		7.3									20	1		2	SPARE
5	20	1			7.3												B010/LGTS
7		1				7.3							20	1		4	SPARE
9	20			7.1													B02A,2B,2C,11/LGTS
11	20	1			6.9								20	1		6	SPACE ONLY
13		1			5.9												B012,13,14,15,16,17, 18,19,20,22/LGTS
15		1				7.4							20	1		8	B020,03,05,06, 25,27
17		1															D018,19,20,21,22,23,24,25, 26,27,28,29,30/LGTS
19		1											20	1		10	C09,10,11,12,13,14,15, 17,18/LGTS
21		1															SPACE ONLY
23		1											20	1		12	SPACE ONLY
25		1															SPACE ONLY
27		1											20	1		14	SPACE ONLY
29		1															SPACE ONLY
31		1											20	1		16	SPACE ONLY
33		1															SPACE ONLY
35		1											20	1		18	SPACE ONLY
37		1															SPACE ONLY
39		1											20	1		20	SPACE ONLY
41		1															SPACE ONLY
43		1											20	1		22	SPACE ONLY
45		1															SPACE ONLY
47		1											–	1		24	SPACE ONLY
49		1															SPACE ONLY
51		1											–	1		26	SPACE ONLY
53		1															SPACE ONLY
55		1											–	1		28	SPACE ONLY
57		1															SPACE ONLY
59		1											–	1		30	SPACE ONLY
61		1															SPACE ONLY
63		1											–	1		32	SPACE ONLY
65		1															SPACE ONLY
67		1											–	1		34	SPACE ONLY
69		1															SPACE ONLY
71		1											–	1		36	SPACE ONLY
73		1															SPACE ONLY
75		1											–	1		38	SPACE ONLY
77		1															SPACE ONLY
79		1											–	1		40	SPACE ONLY
81		1															SPACE ONLY
83		1											–	1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)				16.3	20.1	14.7	0.0	0.0	0.0	0.0	0.0	0.0					

PANELBOARD SCHEDULE

Panel N4A
Service 3 Phase 4 Wire
☐ 208Y/120V
☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

14033 AIC Minimum

☒ Surface mounted panel
☐ Flush mounted panel
☒ 200% Neutral Bar

Remarks

CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING ØA	LIGHTING ØB	LIGHTING ØC	GEN. RECEPT. ØA	GEN. RECEPT. ØB	GEN. RECEPT. ØC	SPECIAL ØA	SPECIAL ØB	SPECIAL ØC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
1	20	1		4.4													A101, A101B, A105/LGTS
3	20	1		1.0									20	1		2	A140/LGTS
5	20	1			1.9												A102, A103/LGTS
7	20	1			5.5								20	1		4	A139,41,42,43,44,45,46,47,47A, 48,49,50,51,52/LGTS
9	20	1				4.0											D103A, D104, D105, D106/LGTS
11	20	1				6.2							20	1		6	A151,52,64,65,66,68,70,71, 72,73/LGTS
13		1		7.2													A119,20,21,22,24,26,27,28,29,30, 31,32,33,34,36,36,37/LGTS
15		1		1.6									20	1		8	A154,55C,60,61/LGTS
17		1			1.2												D107,08,09/LGTS
19		1			1.4								20	1		10	D101/LGTS
21		1				7.4											A153,55,55A,55B,56,57,58,59,62, 63,67,68,74,75/LGTS
23		1											20	1		12	SPARE
25		1															SPACE ONLY
27		1											20	1		14	SPARE
29		1															SPACE ONLY
31		1											20	1		16	SPARE
33		1															SPACE ONLY
35		1											20	1		18	SPARE
37		1															SPACE ONLY
39		1											20	1		20	SPARE
41		1															SPACE ONLY
43		1											20	1		22	SPACE ONLY
45		1															SPACE ONLY
47		1											–	1		24	SPACE ONLY
49		1															SPACE ONLY
51		1											–	1		26	SPACE ONLY
53		1															SPACE ONLY
55		1											–	1		28	SPACE ONLY
57		1															SPACE ONLY
59		1											–	1		30	SPACE ONLY
61		1															SPACE ONLY
63		1											–	1		32	SPACE ONLY
65		1															SPACE ONLY
67		1											–	1		34	SPACE ONLY
69		1															SPACE ONLY
71		1											–	1		36	SPACE ONLY
73		1															SPACE ONLY
75		1											–	1		38	SPACE ONLY
77		1															SPACE ONLY
79		1											–	1		40	SPACE ONLY
81		1															SPACE ONLY
83		1											–	1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)				14.2	11.6	17.6	–	–	–	–	–	–					

PANELBOARD SCHEDULE

Panel N41B
Service 3 Phase 4 Wire
☐ 208Y/120V
☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

11364 AIC Minimum

☒ Surface mounted panel
☐ Flush mounted panel
☒ 200% Neutral Bar

Remarks
–

CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING ØA	LIGHTING ØB	LIGHTING ØC	GEN. RECEPT. ØA	GEN. RECEPT. ØB	GEN. RECEPT. ØC	SPECIAL ØA	SPECIAL ØB	SPECIAL ØC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
1	20	1		5.1													B101, B101A, B102, B102A, B102B/LGT
3	20	1		6.8									20	1		2	B103B/LGTS
5	20	1			1.4												B151, B152, B153/LGTS
7	20	1			6.8								20	1		4	B106,08,09,10,11,12,14,15,54,55, 56,57,57A,59,62,63/LGTS
9	20	1				1.8											B122/LGTS
11	20	1		6.5		5.9							20	1		6	B103,04,05,07,13,16,17, 65,66,67/LGTS
13		1			6.5												SPACE ONLY
15		1			3.1								20	1		8	SPACE ONLY
17		1				7.3											SPACE ONLY
19		1				0.7							20	1		10	SPACE ONLY
21		1															SPACE ONLY
23		1											20	1		12	SPACE ONLY
25		1															SPACE ONLY
27		1											20	1		14	SPACE ONLY
29		1															SPACE ONLY
31		1											20	1		16	SPACE ONLY
33		1															SPACE ONLY
35		1											20	1		18	SPACE ONLY
37		1															SPACE ONLY
39		1											20	1		20	SPACE ONLY
41		1															SPACE ONLY
43		1											20	1		22	SPACE ONLY
45		1															SPACE ONLY
47		1											–	1		24	SPACE ONLY
49		1															SPACE ONLY
51		1											–	1		26	SPACE ONLY
53		1															SPACE ONLY
55		1											–	1		28	SPACE ONLY
57		1															SPACE ONLY
59		1											–	1		30	SPACE ONLY
61		1															SPACE ONLY
63		1											–	1		32	SPACE ONLY
65		1															SPACE ONLY
67		1											–	1		34	SPACE ONLY
69		1															SPACE ONLY
71		1											–	1		36	SPACE ONLY
73		1															SPACE ONLY
75		1											–	1		38	SPACE ONLY
77		1															SPACE ONLY
79		1											–	1		40	SPACE ONLY
81		1															SPACE ONLY
83		1											–	1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)				18.4	17.8	15.7	0.0	0.0	0.0	0.0	0.0	0.0					

PANELBOARD SCHEDULE

Panel N41C
Service 3 Phase 4 Wire
☐ 208Y/120V
☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

9065 AIC Minimum

☒ Surface mounted panel
☐ Flush mounted panel
☒ 200% Neutral Bar

Remarks
–

CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING ØA	LIGHTING ØB	LIGHTING ØC	GEN. RECEPT. ØA	GEN. RECEPT. ØB	GEN. RECEPT. ØC	SPECIAL ØA	SPECIAL ØB	SPECIAL ØC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
1	20	1		5.8													C101, C103, C105/LGT
3	20	1		6.9									20	1		2	C164,65,66,67,68,69,70,71,72, 73/LGTS
5	20	1			1.4												D101A/LGT
7	20	1			6.5								20	1		4	C126,27,28,29,30,31,32,33,34,35, 36,37,38/LGTS
9	20	1				7.0											C162, C163A/LGT
11	20	1				6.4							20	1		6	C140,41,42,43,44,46,49,50,53,54, 55,56,57,58,59,60/LGTS
13	20	1		5.7													C108,09,10,11,12,13,39,45, 47,51/LGTS
15	20	1			5.6								20	1		8	C114,15,16,17,18,19,20,21,22, 23,24,25/LGTS
17	20	1				4.0											D012,13,15,16,17,18, 19/LGTS
19	20	1		0.7									20	1		10	D102/LGTS
21	20	1															SPARE
23	20	1											20	1		12	SPARE
25	20	1															SPARE
27	20	1											20	1		14	SPARE
29	20	1															SPACE ONLY
31	20	1											20	1		16	SPACE ONLY
33	20	1															SPACE ONLY
35	20	1											20	1		18	SPACE ONLY
37	20	1															SPACE ONLY
39	20	1											20	1		20	SPACE ONLY
41	20	1															SPACE ONLY
43	20	1											20	1		22	SPACE ONLY
45	20	1															SPACE ONLY
47	20	1											20	1		24	SPACE ONLY
49	20	1															SPACE ONLY
51	20	1											20	1		26	SPACE ONLY
53	20	1															SPACE ONLY
55	20	1											–	1		28	SPACE ONLY
57	20	1															SPACE ONLY
59	20	1											–	1		30	SPACE ONLY
61	20	1															SPACE ONLY
63	20	1											–	1		32	SPACE ONLY
65	20	1															SPACE ONLY
67	20	1											–	1		34	SPACE ONLY
69	20	1															SPACE ONLY
71	20	1											–	1		36	SPACE ONLY
73	20	1															SPACE ONLY
75	20	1											–	1		38	SPACE ONLY
77	20	1															SPACE ONLY
79	20	1											–	1		40	SPACE ONLY
81	20	1															SPACE ONLY
83	20	1											–	1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)				16.8	13.5	18.3	0.0	0.0	0.0	0.0	0.0	0.0					

NOTES:
1. ALL SCREENED TEXT IN PANELBOARD SCHEDULES INDICATES THAT THE INFORMATION WAS ADDED IN DELIVERY ORDER ONE. ALL TEXT NOT SCREENED IN PANELBOARD SCHEDULES INDICATES THAT THE INFORMATION IS APPLICABLE TO THIS DELIVERY ORDER.

N4BA | N41B
N4BB | N41C
N41A

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS – ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
PANELBOARD SCHEDULES

CONSTR. CONTR. NO | SPECIFICATION NO | NAVFAC DRWG | TF NO 1 ? of ??

DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL
IN ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
PANELBOARD SCHEDULES

PLA NO
EP9-10

REVISION DESCRIPTION | ENG. DIV. DIR. | DATE | SATISFACTORY TO | DATE | DATE

PANELBOARD SCHEDULE

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING QA	LIGHTING QB	LIGHTING QC	GEN. RECEPT. QA	GEN. RECEPT. QB	GEN. RECEPT. QC	SPECIAL QA	SPECIAL QB	SPECIAL QC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
A201, A202/LGT	1	20	1		1.47													
					4.66													
A206, D202, D203, A242/LGT	3	20	1			2.3								20	1		2	A231, A232, A247, A248, A249, A251/LGT
						2.8												
D205, A203/LGT	5	20	1				7.00							20	1		4	A234, A236, A246/LGT
							1.7											
A2H/LGT	7	20	1		0.5									20	1		6	D211, D214/LGT
					4.4													
SPARE	9	20	1											20	1		8	A210,11,15,16,17,18,22,22A,27,28, 37,38,39,40,45/LGTS
SPARE	11	20	1											20	1		10	SPARE
SPACE ONLY	13		1											20	1		12	SPARE
SPACE ONLY	15		1											20	1		14	SPARE
SPACE ONLY	17		1												1		16	SPACE ONLY
SPACE ONLY	19		1												1		18	SPACE ONLY
SPACE ONLY	21		1												1		20	SPACE ONLY
SPACE ONLY	23		1												1		22	SPACE ONLY
SPACE ONLY	25		1												1		24	SPACE ONLY
SPACE ONLY	27		1												1		26	SPACE ONLY
SPACE ONLY	29		1												1		28	SPACE ONLY
SPACE ONLY	31		1												1		30	SPACE ONLY
SPACE ONLY	33		1												1		32	SPACE ONLY
SPACE ONLY	35		1												1		34	SPACE ONLY
SPACE ONLY	37		1												1		36	SPACE ONLY
SPACE ONLY	39		1												1		38	SPACE ONLY
SPACE ONLY	41		1												1		40	SPACE ONLY
															1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)					13.2	6.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0					

Panel N42A

Service 3 Phase 4 Wire

☐ 208Y/120V

☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

13739 AIC Minimum

☒ Surface mounted panel

☐ Flush mounted panel

☒ 200% Neutral Bar

Remarks

PANELBOARD SCHEDULE

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING QA	LIGHTING QB	LIGHTING QC	GEN. RECEPT. QA	GEN. RECEPT. QB	GEN. RECEPT. QC	SPECIAL QA	SPECIAL QB	SPECIAL QC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
B201, B202, B203, B203A, B203B/LGT	1	20	1		4.66													
D204	3	20	1			1.85								20	1		2	B205,09,09A,10,10A,19,17,18,22,23, 28,30,32,38,39,40/LGTS
D201A, D227, D228, D229, D230	5	20	1				6.3							20	1		4	SPARE
SPARE	7	20	1											20	1		6	SPARE
SPARE	9	20	1												1		8	SPARE
SPARE	11	20	1												1		10	SPACE ONLY
SPACE ONLY	13		1												1		12	SPACE ONLY
SPACE ONLY	15		1												1		14	SPACE ONLY
SPACE ONLY	17		1												1		16	SPACE ONLY
SPACE ONLY	19		1												1		18	SPACE ONLY
SPACE ONLY	21		1												1		20	SPACE ONLY
SPACE ONLY	23		1												1		22	SPACE ONLY
SPACE ONLY	25		1												1		24	SPACE ONLY
SPACE ONLY	27		1												1		26	SPACE ONLY
SPACE ONLY	29		1												1		28	SPACE ONLY
SPACE ONLY	31		1												1		30	SPACE ONLY
SPACE ONLY	33		1												1		32	SPACE ONLY
SPACE ONLY	35		1												1		34	SPACE ONLY
SPACE ONLY	37		1												1		36	SPACE ONLY
SPACE ONLY	39		1												1		38	SPACE ONLY
SPACE ONLY	41		1												1		40	SPACE ONLY
															1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)					4.66	1.85	6.3	0.0	0.0	0.0	0.0	0.0	0.0					

Panel N42B

Service 3 Phase 4 Wire

☐ 208Y/120V

☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

11170 AIC Minimum

☒ Surface mounted panel

☐ Flush mounted panel

☒ 200% Neutral Bar

Remarks

PANELBOARD SCHEDULE

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	LIGHTING QA	LIGHTING QB	LIGHTING QC	GEN. RECEPT. QA	GEN. RECEPT. QB	GEN. RECEPT. QC	SPECIAL QA	SPECIAL QB	SPECIAL QC	BREAKERS AMPS	BREAKERS POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS
D201, C201, C204, C203/LGT C222, C223A, C206, C226, C227	1	20	1		3.5													
					1.4									20	1		2	D201A,26,32,34,35/LGTS
C235,C238,C240,C243/LGT	3	20	1			3.5												
														20	1		4	SPARE
C205,12,13,14,15,16,17,19, 20/LGTS	5	20	1				3.4											
														20	1		6	SPARE
SPARE	7	20	1															
														20	1		8	SPARE
SPARE	9	20	1															
															1		10	SPACE ONLY
SPARE	11	20	1															
															1		12	SPACE ONLY
SPARE	13	20	1															
															1		14	SPACE ONLY
SPACE ONLY	15		1															
															1		16	SPACE ONLY
SPACE ONLY	17		1															
															1		18	SPACE ONLY
SPACE ONLY	19		1															
															1		20	SPACE ONLY
SPACE ONLY	21		1															
															1		22	SPACE ONLY
SPACE ONLY	23		1															
															1		24	SPACE ONLY
SPACE ONLY	25		1															
															1		26	SPACE ONLY
SPACE ONLY	27		1															
															1		28	SPACE ONLY
SPACE ONLY	29		1															
															1		30	SPACE ONLY
SPACE ONLY	31		1															
															1		32	SPACE ONLY
SPACE ONLY	33		1															
															1		34	SPACE ONLY
SPACE ONLY	35		1															
															1		36	SPACE ONLY
SPACE ONLY	37		1															
															1		38	SPACE ONLY
SPACE ONLY	39		1															
															1		40	SPACE ONLY
SPACE ONLY	41		1															
															1		42	SPACE ONLY
TOTAL CONNECTED LOAD (AMPS)					5.0	3.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0					

Panel N42C

Service 3 Phase 4 Wire

☐ 208Y/120V

☒ 480Y/277V

Main Bkr. – A – P

Lugs Only – A

2940 AIC Minimum

☒ Surface mounted panel

☐ Flush mounted panel

☒ 200% Neutral Bar

Remarks

NOTES:

1. ALL SCREENED TEXT IN PANELBOARD SCHEDULES INDICATES THAT THE INFORMATION WAS ADDED IN DELIVERY ORDER ONE. ALL TEXT NOT SCREENED IN PANELBOARD SCHEDULES INDICATES THAT THE INFORMATION IS APPLICABLE TO THIS DELIVERY ORDER.

N42A

N42B

N42C

SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS – ENGINEERS
MONTGOMERY, ALABAMA

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
PANELBOARD SCHEDULES

CONSTR CONTR NO | SPECIFICATION NO | NAVFAC DRWG NO | TF NO | SHEET ? OF ??

PLATE NO. EP9-11

SEAL AREA

DAC DIV. DIR.: DATE: SATISFACTORY TO: DATE:

DESIGN BY: JEA DRAWN BY: CBN

CHK BY: RES APPROVED:

REVISION DESCRIPTION | DATE

NAVAL FACILITIES ENGINEERING COMMAND

DEPARTMENT OF THE NAVY

NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL

U.S. NAVAL STATION ROOSEVELT ROADS, P.R.

REPAIRS TO NAVAL HOSPITAL

PANELBOARD SCHEDULES

CONSTR CONTR NO | NAVFAC DWG NO | PWC DWG NO

PWC #