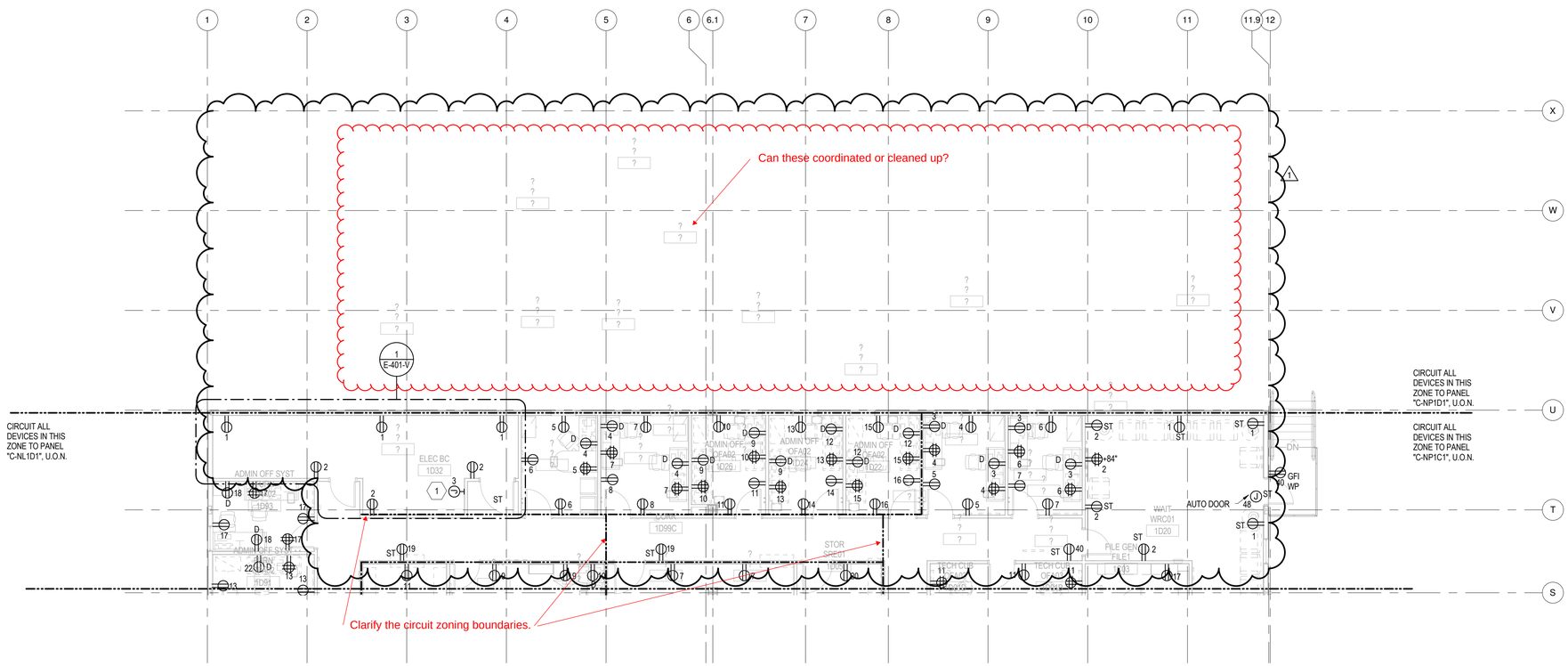
GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTOR STARTER SCHEDULES.

KEYED NOTES:

1 JUNCTION BOX FOR FIRE ALARM PANEL. REFER TO FIRE ALARM DRAWINGS FOR FINAL LOCATION AND MOUNTING HEIGHT INFORMATION.



1 ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND
DAVID C. BECHTOL
PROFESSIONAL ENGINEER
11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	HN	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA D

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066082
SHEET 0 OF 0
EP-101-D-V

D
C
B A
KEY PLAN

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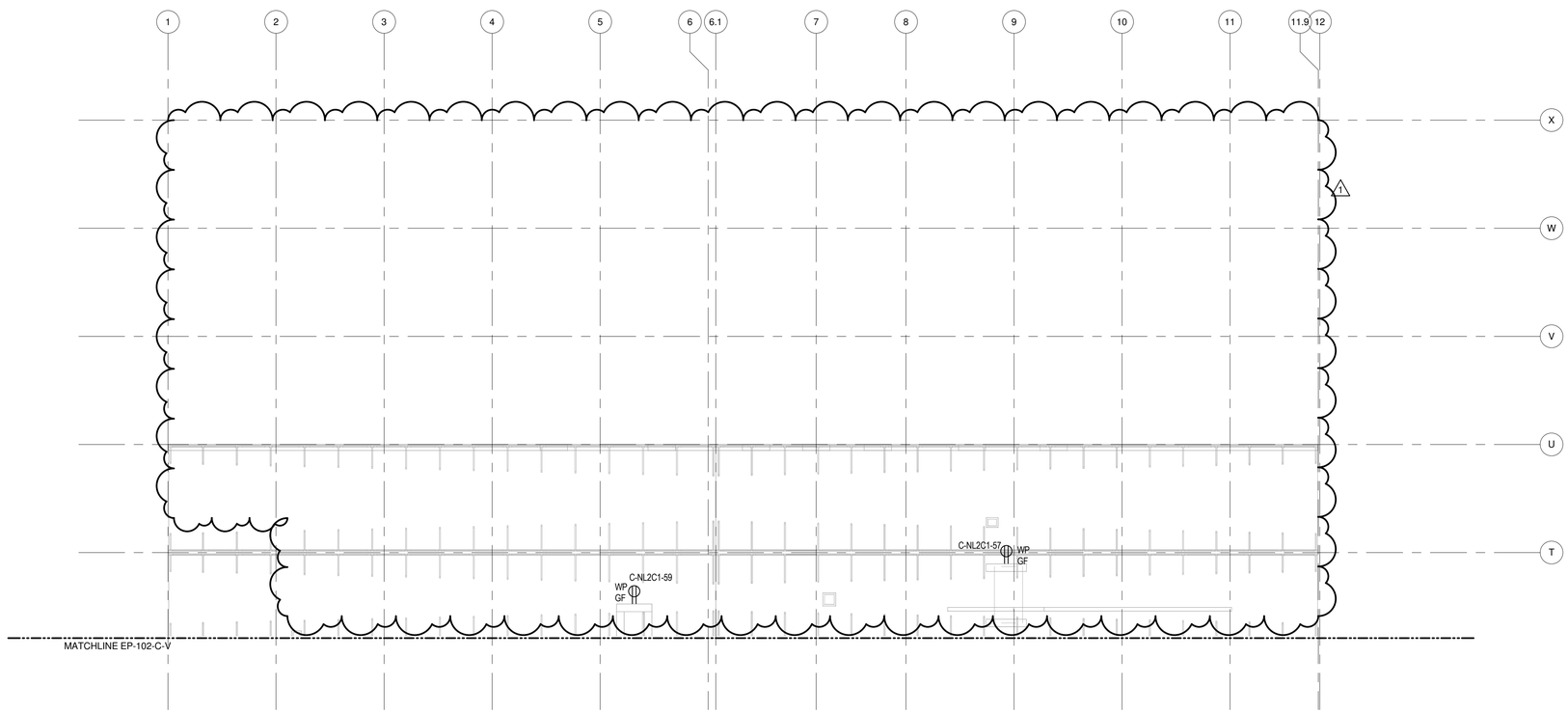
GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR MOTOR STARTER, FEEDER AND TRANSFORMER SCHEDULES.
C. ALL ROOF EQUIPMENT, PANELS AND FIXTURES SHALL BE WEATHERPROOF.
D. ALL ELECTRICAL EQUIPMENT ON ROOF SHALL BE NEMA 3R ENCLOSURES.

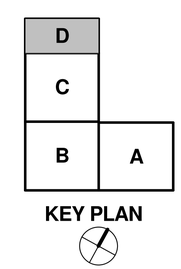
KEYED NOTES:

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13



1 ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN

NAVFAC

STATE OF MARYLAND
MARIO C. BECERRA
No. 15000
EXPIRES 06/30/2016
PROFESSIONAL ENGINEER
ELECTRICAL
11/4/15

HDR
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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	AE	DRW	HN	CHK	GK

PM/DM: CHEMENJU/HILL
BRANCH MANAGER: N/A
CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE, CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA D

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066086
SHEET 0 OF 0

EP-102-D-V

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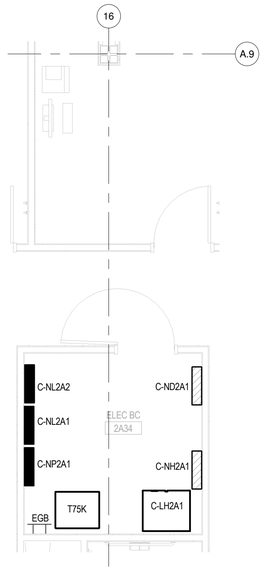
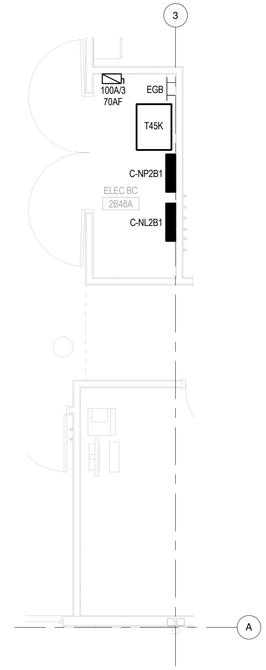
GENERAL NOTES:

A. REFER TO SHEETS E-001 & E-002 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
B. REFER TO SHEET E-652 FOR FEEDER, TRANSFORMER AND MOTOR STARTER SCHEDULES.
C. REFER TO SHEET E-602 FOR GROUNDING INFORMATION.
D. REFER TO SHEET E-501 FOR SWITCHBOARD 'C-ND1D1', UPS 'C-UPSD1' AND LIGHTING INVERTER ELEVATIONS.

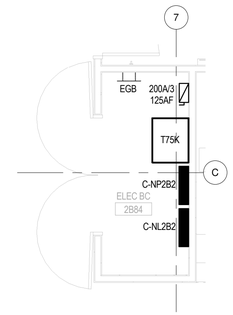
KEYED NOTES:



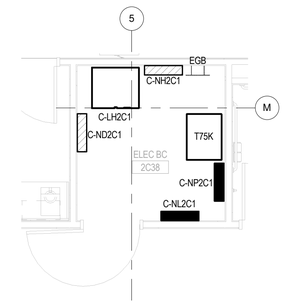
9 ELECTRICAL ROOM 2A34
1/4" = 1'-0"



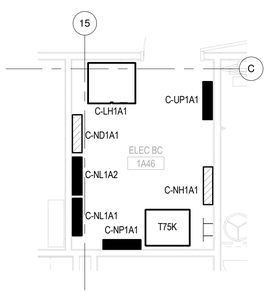
8 ELECTRICAL ROOM 2B48A
1/4" = 1'-0"



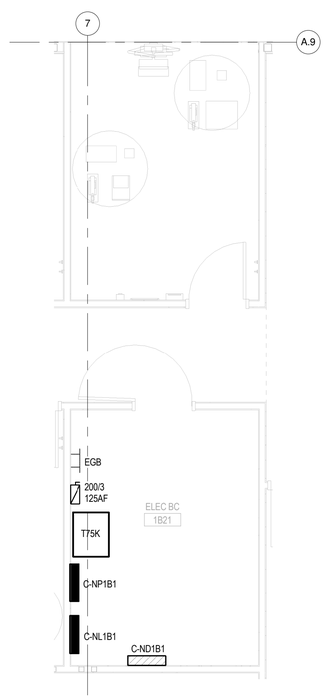
7 ELECTRICAL ROOM 2B84
1/4" = 1'-0"



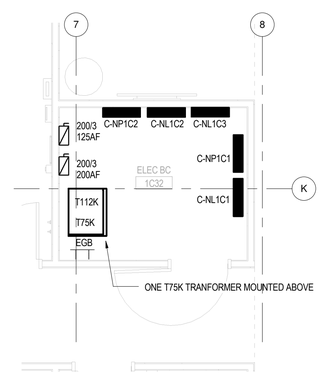
6 ELECTRICAL ROOM 2C38
1/4" = 1'-0"



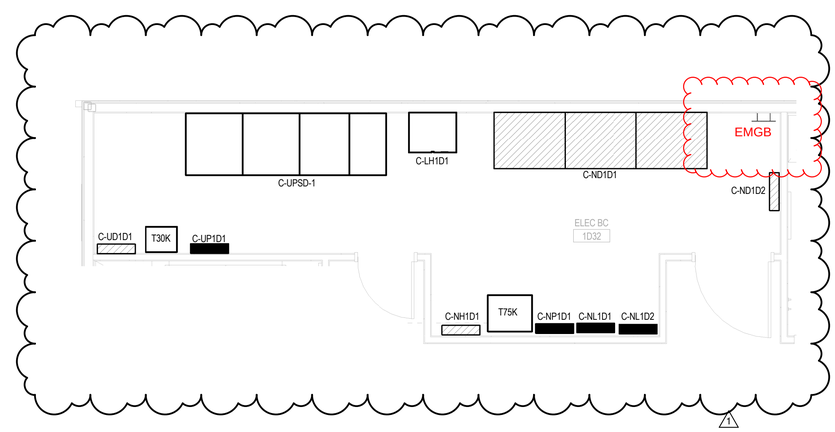
5 ELECTRICAL ROOM 1A46
1/4" = 1'-0"



4 ELECTRICAL ROOM 1B27
1/4" = 1'-0"



2 ELECTRICAL ROOM 1C32
1/4" = 1'-0"



1 ELECTRICAL ROOM 1D32
1/4" = 1'-0"

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	35% SUBMITTAL	03/08/13

NAVFAC

STATE OF MARYLAND — MARIO C. BECERRA — No. 15090 — PROFESSIONAL ENGINEER — 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	KM	DRW	KM	CHK	GK
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
NAVAL FACILITIES ENGINEERING COMMAND
BASE, CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - ENLARGED PLANS

SCALE: 1/4" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066090
SHEET E-401-V OF 0

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PANEL: C-LH2C1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): BKR | CONTINUOUS(A): 0
LOCATION: RM 2C38 | DEVICE FAMILY: Bolt On | MOUNTING: Free Standing | WIRING: Single-Phase 3-Wire | BUS SC RATING(A) 14000
FED FROM: C-NH2C1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 0

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	LTS		LIGHTING	1160	20 1	A						2
3						B						4

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	1.16	1.4	* A-N	1160.0	4.2	CONNECTED	1.16
TOTAL DEMAND	1.16	1.4	* B-N	0.0	0.0	DEMAND	1.16
TOTAL DESIGN	1.45	1.7	* C-N	0.0	0.0	DESIGN	1.45

FOR INFORMATION ONLY.
PART OF LIGHTING INVERTER.

PANEL: C-ND1A1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 225
LOCATION: RM 1A46 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 14000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 6769

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	DHW-2		HEATING 1	40500	60 3	A	60 3	40500	HEATING 1		DHW-1	2
3	"			-	"	B	"	-			"	4
5	"			-	"	C	"	-			"	6
7	UH-1		HEATING 1	3000	20 1	A	20 1	0	SPARE		SPARE	8
9	UH-2		HEATING 1	3000	20 1	B	30 3	0	GEN		SPD	10
11	SPARE		SPARE	0	20 1	C	"	-			"	12
13	SPARE		SPARE	0	20 1	A	"	-			"	14
15	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	16
17	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	18
19	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	20
21	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	20 1	A	20 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	20 1	B	20 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	20 1	C	20 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	20 1	A	20 1	0	SPACE		SPACE	38
39	SPACE		SPACE	0	20 1	B	20 1	0	SPACE		SPACE	40
41	SPACE		SPACE	0	20 1	C	20 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	87.00	104.6	* A-N	30000.0	108.3	CONNECTED	87.00
TOTAL DEMAND	87.00	104.6	* B-N	30000.0	108.3	DEMAND	87.00
TOTAL DESIGN	87.00	104.6	* C-N	27000.0	97.4	DESIGN	87.00

PANEL: C-ND1B1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 225
LOCATION: RM 1B21 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 14000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 6943

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	ELEV-1_CBL	* SHUNT TRIP	NONE	30081	60 3	A	60 3	30081	NONE	* SHUNT TRIP	ELEV-2_CBL	2
3	"			-	"	B	"	-			"	4
5	"			-	"	C	"	-			"	6
7	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	8
9	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	10
11	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	12
13	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	14
15	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	16
17	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	18
19	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	20
21	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	22
23	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	24
25	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	26
27	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	28
29	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	38
39	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	40
41	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	60.16	72.4	* A-N	20053.8	72.4	CONNECTED	60.16
TOTAL DEMAND	60.16	72.4	* B-N	20053.8	72.4	DEMAND	60.16
TOTAL DESIGN	67.68	81.4	* C-N	20053.8	72.4	DESIGN	67.68

1

PANEL: C-ND1D1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 2400A MCB | CONTINUOUS(A): 2400
LOCATION: RM 1D32 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 42000
FED FROM: SWBD NH1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 39515

CUBICLE NO	DESCRIPTION	CONNECTED kVA	DEMAND kVA	DESIGN kVA	DESIGN AVE AMPS	OC DEVICE TYPE	OC DEVICE SIZE	P	NOTES
1	C-ND1D2_CBL	3.00	3.00	3.00	3.60		125	3	
2	SPD	0.00	0.00	0.00	0.00		30	3	
3	C-UPSD-1_CBL	21.88	21.29	21.29	25.61		50	3	
4	C-UPSD-1 BYPASS_CBL	0.00	0.00	0.00	0.00		50	3	Out of Service
5	C-NH1D1_CBL	66.65	51.12	51.12	61.50		400	3	
6	DS C-NP1C1_CBL	95.71	59.34	59.34	164.72		125	3	
7	DS C-NP1C2_CBL	142.94	89.65	89.65	107.83		200	3	
8	C-ND1B1_CBL	60.16	60.16	67.68	81.41		225	3	
9	DS C-NP1B1_CBL	69.85	46.81	46.81	56.30		125	3	
10	C-ND1A1_CBL	87.00	87.00	87.00	104.64		225	3	
11	C-NH1A1_CBL	102.35	72.16	77.34	93.02		400	3	
12	C-ND2C1_CBL	347.08	347.08	347.08	417.05		800	3	
13	C-NH2C1_CBL	124.35	80.66	85.48	102.82		400	3	
14	DS C-NP2B2_CBL	91.86	54.29	54.29	65.30		125	3	
15	DS C-NP2B1_CBL	59.27	37.84	37.84	45.51		125	3	
16	C-ND2A1_CBL	300.00	300.00	353.00	424.59		800	3	
17	C-NH2A1_CBL	137.75	89.26	94.23	113.34		400	3	
18	SPARE	0.00	0.00	0.00	0.00		125	3	
19	SPARE	0.00	0.00	0.00	0.00		125	3	
20	SPACE	0.00	0.00	0.00	0.00		0	3	

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	1709.85	2056.7	* A-N	569950.0	2057.6	CONNECTED	1709.85
TOTAL DEMAND	1399.66	1683.6	* B-N	569950.0	2057.6	DEMAND	1399.66
TOTAL DESIGN	1475.15	1774.4	* C-N	569950.0	2057.6	DESIGN	1475.15

PANEL INDEX	
C-LH2C1	C-ND1A1
C-ND1B1	C-ND1D1

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

STATE OF MARYLAND — MARIO C. BECERRA — REGISTERED PROFESSIONAL ENGINEER — 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GK
PMDM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
BASE - CITY, STATE: BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 2

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066101
SHEET 0 OF
E-702-V

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PANEL: C-ND1D2 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 225
LOCATION: RM 1D32 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 42000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 33306

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	UH-3		HEATING 2	3000	20 1	A	20 1	0	SPARE		SPARE	2
3	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	4
5	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	6
7	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	8
9	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	10
11	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	12
13	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	14
15	SPARE		SPARE	0	20 1	B	''	-			''	16
17	SPARE		SPARE	0	20 1	C	''	-			''	18
19	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	20
21	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	38
39	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	40
41	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	3.00	3.6	* A-N	3000.0	10.8	CONNECTED	3.00
TOTAL DEMAND	3.00	3.6	* B-N	0.0	0.0	DEMAND	3.00
TOTAL DESIGN	3.00	3.6	* C-N	0.0	0.0	DESIGN	3.00

PANEL: C-ND2A1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 800
LOCATION: RM 2A34 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 22000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 17066

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	UH-5 RM 2A99M		HEATING 1	3000	20 1	A	300 3	212000	NONE		C-RTU-4_CBL	2
3	UH-4 RM 2A99A		HEATING 1	3000	20 1	B	''	-			''	4
5	C-CU-7A_CBL		NONE	6000	30 3	C	''	-			''	6
7	''			-	''	A	20 3	10000	NONE		C-CU-7B_CBL	8
9	''			-	''	B	''	-			''	10
11	C-CU-7C_CBL		NONE	10000	30 3	C	''	-			''	12
13	''			-	''	A	30 3	10000	NONE		C-CU-4A_CBL	14
15	''			-	''	B	''	-			''	16
17	C-CU-4B_CBL		NONE	12000	30 3	C	''	-			''	18
19	''			-	''	A	0 1	0	SPACE		SPACE	20
21	''			-	''	B	0 1	0	SPACE		SPACE	22
23	C-CU-6C_CBL		NONE	12000	0 3	C	0 1	0	SPACE		SPACE	24
25	''			-	''	A	30 3	10000	NONE		C-CU-6B_CBL	26
27	''			-	''	B	''	-			''	28
29	C-CU-6A_CBL		NONE	12000	30 3	C	''	-			''	30
31	''			-	''	A	30 3	0	GEN		SPD	32
33	''			-	''	B	''	-			''	34
35	SPARE		SPARE	0	20 1	C	''	-			''	36
37	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	38
39	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	40
41	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	300.00	360.8	* A-N	101000.0	364.5	CONNECTED	300.00
TOTAL DEMAND	300.00	360.8	* B-N	101000.0	364.5	DEMAND	300.00
TOTAL DESIGN	353.00	424.6	* C-N	98000.0	353.6	DESIGN	353.00

PANEL: C-ND2C1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 800
LOCATION: RM 2C38 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 35000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 27298

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	SPARE		SPARE	0	20 1	A	50 1	23278	NONE		C-RTU-2_CBL	2
3	SPARE		SPARE	0	20 1	B	''	-			''	4
5	SPARE		SPARE	0	20 1	C	''	-			''	6
7	C-RTU-3_CBL		NONE	212000	300 3	A	20 1	3000	HEATING 1		UH-6 RM 2C99C	8
9	''			-	''	B	20 1	0	SPARE		SPARE	10
11	''			-	''	C	20 1	0	SPARE		SPARE	12
13	C-CU-3B_CBL		NONE	10000	30 3	A	30 3	12000	NONE		C-CU-3C_CBL	14
15	''			-	''	B	''	-			''	16
17	''			-	''	C	''	-			''	18
19	C-CU-2C_CBL		NONE	10000	30 3	A	30 3	10000	NONE		C-CU-3A_CBL	20
21	''			-	''	B	''	-			''	22
23	''			-	''	C	''	-			''	24
25	C-CU-2A_CBL		NONE	6000	30 3	A	30 3	10000	NONE		C-CU-2B_CBL	26
27	''			-	''	B	''	-			''	28
29	''			-	''	C	''	-			''	30
31	C-CU-5B_CBL		NONE	10000	30 3	A	30 3	10000	NONE		C-CU-5C_CBL	32
33	''			-	''	B	''	-			''	34
35	''			-	''	C	''	-			''	36
37	C-CU-1B_CBL		NONE	12000	30 3	A	30 3	6000	NONE		C-CU-5A_CBL	38
39	''			-	''	B	''	-			''	40
41	''			-	''	C	''	-			''	42
43	SPD		GENERAL LOAD	0	30 3	A	30 3	10000	NONE		C-CU-1A_CBL	44
45	''			-	''	B	''	-			''	46
47	''			-	''	C	''	-			''	48
49	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	50
51	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	52
53	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	54
55	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	56
57	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	58
59	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	347.08	417.5	* A-N	117959.0	425.8	CONNECTED	417.5
TOTAL DEMAND	347.08	417.5	* B-N	114559.0	413.6	DEMAND	417.5
TOTAL DESIGN	347.08	417.5	* C-N	114559.0	413.6	DESIGN	417.5

PANEL: C-NH1A1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 400
LOCATION: RM 1A46 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 42000
FED FROM: C-ND1D1 | VOLTAGE: 480/277 | FAULT CURRENT(A): 10381

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	LTS		LIGHTING	1844	20 1	A	20 1	3441	NONE		C-LH1A1_CBL	2
3	LTS		LIGHTING	1796	20 1	B	20 1	0	SPARE		SPARE	4
5	LTS		LIGHTING	2555	20 1	C	20 1	0	SPARE		SPARE	6
7	LTS		LIGHTING	1078	20 1	A	20 1	0	SPARE		SPARE	8
9	LTS		LIGHTING	2030	20 1	B	20 1	0	SPARE		SPARE	10
11	LTS		LIGHTING	1837	20 1	C	20 1	0	SPARE		SPARE	12
13	LTS		LIGHTING	2353	20 1	A	20 1	0	SPARE		SPARE	14
15	LTS		LIGHTING	1735	20 1	B	20 1	0	SPARE		SPARE	16
17	LTS		LIGHTING	2028	20 1	C	20 1	0	SPARE		SPARE	18
19	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	20
21	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	125 3	81655	NONE		XF C-NP1A1_CBL	38
39	SPACE		SPACE	0	0 1	B	''	-			''	40
41	SPACE		SPACE	0	0 1	C	''	-			''	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	102.35	123.1	* A-N	35934.3	129.7	CONNECTED	102.35
TOTAL DEMAND	72.16	86.8	* B-N	32779.3	118.3	DEMAND	72.16
TOTAL DESIGN	77.34	93.0	* C-N	33638.3	121.4	DESIGN	77.34

PANEL INDEX	
C-ND1D2	C-ND2A1
C-ND2C1	C-NH2A1

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

STATE OF MARYLAND · DAVID C. BECHTOL · No. 15806 · REGISTERED PROFESSIONAL ENGINEER · 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GM
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
PROJECT STATION/INSTALLATION
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 3

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066103
SHEET OF 0
E-703-V

1

PANEL: C-NH1D1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): MLO	CONTINUOUS(A): 400
LOCATION: RM 1D32	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A) 42000
FED FROM: C-ND1D1		VOLTAGE: 480/277		FAULT CURRENT(A): 35713

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	LTS		LIGHTING	1999	20 1	A	20 1	0	SPARE		SPARE	2
3	LTS		LIGHTING	2072	20 1	B	20 1	0	SPARE		SPARE	4
5	LTS		LIGHTING	2205	20 1	C	20 1	2967	NONE		C-LH1D1_CBL	6
7	LTS		LIGHTING	2176	20 1	A	20 1	0	SPARE		SPARE	8
9	LTS		LIGHTING	1837	20 1	B	20 1	0	SPARE		SPARE	10
11	LTS		LIGHTING	1770	20 1	C	20 1	0	SPARE		SPARE	12
13	LTS		LIGHTING	887	20 1	A	20 1	0	SPARE		SPARE	14
15	LTS		LIGHTING	1445	20 1	B	20 1	0	SPARE		SPARE	16
17	LTS		LIGHTING	2072	20 1	C	20 1	0	SPARE		SPARE	18
19	LTS		LIGHTING	1702	20 1	A	20 1	0	SPARE		SPARE	20
21	LTS		LIGHTING	2224	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	125 3	43306	NONE		XF_C-NP1D1_CBL	38
39	SPACE		SPACE	0	0 1	B	"	-			"	40
41	SPACE		SPACE	0	0 1	C	"	-			"	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	66.65	80.2	* A-N	22057.0	81.6	CONNECTED	66.65
TOTAL DEMAND	51.12	61.5	* B-N	22861.0	83.4	DEMAND	51.12
TOTAL DESIGN	51.12	61.5	* C-N	21734.0	84.8	DESIGN	51.12

PANEL: C-NH2A1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): MLO	CONTINUOUS(A): 400
LOCATION: RM 2A34	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A) 42000
FED FROM: C-ND1D1		VOLTAGE: 480/277		FAULT CURRENT(A): 9453

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	LTS		LIGHTING	2012	20 1	A	20 1	1525	NONE		C-LH2A1_CBL	2
3	LTS		LIGHTING	1906	20 1	B	20 1	0	SPARE		SPARE	4
5	LTS		LIGHTING	2181	20 1	C	20 1	0	SPARE		SPARE	6
7	LTS		LIGHTING	923	20 1	A	20 1	0	SPARE		SPARE	8
9	LTS		LIGHTING	2179	20 1	B	20 1	0	SPARE		SPARE	10
11	LTS		LIGHTING	2404	20 1	C	20 1	0	SPARE		SPARE	12
13	LTS		LIGHTING	2086	20 1	A	20 1	0	SPARE		SPARE	14
15	LTS		LIGHTING	2485	20 1	B	20 1	0	SPARE		SPARE	16
17	LTS		LIGHTING	2160	20 1	C	20 1	0	SPARE		SPARE	18
19	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	20
21	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	200 3	117892	NONE		XF_C-NP2A1_CBL	38
39	SPACE		SPACE	0	0 1	B	"	-			"	40
41	SPACE		SPACE	0	0 1	C	"	-			"	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	137.75	165.7	* A-N	45843.3	165.4	CONNECTED	137.75
TOTAL DEMAND	89.26	107.4	* B-N	45867.3	165.5	DEMAND	89.26
TOTAL DESIGN	94.23	113.3	* C-N	46042.3	166.1	DESIGN	94.23

PANEL: C-NH2C1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): MLO	CONTINUOUS(A): 400
LOCATION: RM 2C38	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A) 42000
FED FROM: C-ND1D1		VOLTAGE: 480/277		FAULT CURRENT(A): 18875

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	LTS		LIGHTING	1477	20 1	A	20 1	0	SPARE		SPARE	2
3	LTS		LIGHTING	2088	20 1	B	20 1	0	SPARE		SPARE	4
5	LTS		LIGHTING	1445	20 1	C	20 1	1160	NONE		C-LH2C1_CBL	6
7	LTS		LIGHTING	2077	20 1	A	20 1	0	SPARE		SPARE	8
9	LTS		LIGHTING	2013	20 1	B	20 1	0	SPARE		SPARE	10
11	LTS		LIGHTING	2251	20 1	C	20 1	0	SPARE		SPARE	12
13	LTS		LIGHTING	2347	20 1	A	20 1	0	SPARE		SPARE	14
15	LTS		LIGHTING	2077	20 1	B	20 1	0	SPARE		SPARE	16
17	LTS		LIGHTING	1446	20 1	C	20 1	0	SPARE		SPARE	18
19	LTS		LIGHTING	885	20 1	A	20 1	0	SPARE		SPARE	20
21	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	70 3	105084	NONE		XF_C-NP2C1_CBL	38
39	SPACE		SPACE	0	0 1	B	"	-			"	40
41	SPACE		SPACE	0	0 1	C	"	-			"	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	123.19	148.2	* A-N	41814.0	150.9	CONNECTED	124.35
TOTAL DEMAND	79.50	95.6	* B-N	41206.0	148.7	DEMAND	80.66
TOTAL DESIGN	84.03	101.1	* C-N	40170.0	145.0	DESIGN	85.48

PANEL INDEX	
C-NH1D1	C-NH2A1
C-NH2C1	

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

STATE OF MARYLAND — MARIO C. BECERRA — No. 15201 — REGISTERED PROFESSIONAL ENGINEER — ELECTRICAL ENGINEER — 11/4/15

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES KM | DRW KM | CHK GM

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME
NAVAL FACILITIES ENGINEERING COMMAND — AGENCY
BASE, CITY, STATE
BETHESDA, MD

PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

ELECTRICAL - PANEL SCHEDULE SHEET 4

SCALE: 12" = 1'-0"

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066104

SHEET 0 OF 0

E-704-V

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1	2	3	4	5

PANEL: C-NL1C2 OC DEVICE TYPE: Breaker ENCLOSURE: NEMA 1 MAINS(A): MLO CONTINUOUS(A): 225
LOCATION: RM 1C32 DEVICE FAMILY: Bolt On MOUNTING: Surface WIRING: 3-Phase 4-Wire BUS SC RATING(A) 10000
FED FROM: C-NP1C2 VOLTAGE: 208/120 FAULT CURRENT(A): 5641

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS	P	PHASE	OC AMPS	P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	2
3	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	4
5	RECEPT RM 1C00A		RECEPTACLES	540	20	1	C	20	1	360	RECEPTACLES		RECEPT RM 1B99G	6
7	RECEPT RM 1B99		RECEPTACLES	900	20	1	A	20	1	1340	RECEPTACLES		RECEPT RM 1C27	8
9	RECEPT RM 1C83B, F		RECEPTACLES	360	20	1	B	20	1	720	RECEPTACLES		RECEPT RM 1C27	10
11	CUBICLE RM 1C83D		GENERAL LOAD	720	20	1	C	20	1	800	GENERAL LOAD		EYELANE RM 1C27	12
13	CUBICLE RM 1C83D		GENERAL LOAD	720	20	1	A	20	1	1340	RECEPTACLES		RECEPT RM 1C29	14
15	CUBICLE RM 1C83D		GENERAL LOAD	720	20	1	B	20	1	720	RECEPTACLES		RECEPT RM 1C29	16
17	CUBICLE RM 1C18A		RECEPTACLES	720	20	1	C	20	1	800	GENERAL LOAD		EYELANE RM 1C29	18
19	RECEPT RM 1C16		RECEPTACLES	1340	20	1	A	20	1	1340	RECEPTACLES		RECEPT RM 1C31	20
21	RECEPT RM 1C16		RECEPTACLES	720	20	1	B	20	1	720	RECEPTACLES		RECEPT RM 1C31	22
23	EYELANE RM 1C16		GENERAL LOAD	800	20	1	C	20	1	800	GENERAL LOAD		EYELANE RM 1C31	24
25	RECEPT RM 1C14		RECEPTACLES	1340	20	1	A	20	1	540	RECEPTACLES		RECEPT RM 1C27, 29, 31	26
27	RECEPT RM 1C14		RECEPTACLES	720	20	1	B	20	1	1340	RECEPTACLES		RECEPT RM 1C33	28
29	EYELANE RM 1C14		GENERAL LOAD	800	20	1	C	20	1	720	RECEPTACLES		RECEPT RM 1C33	30
31	RECEPT RM 1C12		RECEPTACLES	1340	20	1	A	20	1	800	GENERAL LOAD		EYELANE RM 1C33	32
33	RECEPT RM 1C12		RECEPTACLES	720	20	1	B	20	1	1340	RECEPTACLES		RECEPT RM 1C35	34
35	EYELANE RM 1C12		GENERAL LOAD	800	20	1	C	20	1	720	RECEPTACLES		RECEPT RM 1C35	36
37	RECEPT RM 1C12, 14, 16		RECEPTACLES	540	20	1	A	20	1	800	GENERAL LOAD		EYELANE RM 1C35	38
39	RECEPT RM 1C08		RECEPTACLES	1340	20	1	B	20	1	1340	RECEPTACLES		RECEPT RM 1C37	40
41	RECEPT RM 1C08		RECEPTACLES	720	20	1	C	20	1	720	RECEPTACLES		RECEPT RM 1C37	42
43	EYELANE RM 1C08		GENERAL LOAD	800	20	1	A	20	1	800	GENERAL LOAD		EYELANE RM 1C37	44
45	RECEPT RM 1C06		RECEPTACLES	1340	20	1	B	20	1	540	RECEPTACLES		RECEPT RM 1C33, 35, 37	46
47	RECEPT RM 1C06		RECEPTACLES	720	20	1	C	20	1	1340	RECEPTACLES		RECEPT RM 1C39	48
49	EYELANE RM 1C06		GENERAL LOAD	800	20	1	A	20	1	720	RECEPTACLES		RECEPT RM 1C39	50
51	RECEPT RM 1C04		RECEPTACLES	1340	20	1	B	20	1	800	GENERAL LOAD		EYELANE RM 1C39	52
53	RECEPT RM 1C04		RECEPTACLES	720	20	1	C	20	1	1340	RECEPTACLES		RECEPT RM 1C41	54
55	EYELANE RM 1C04		GENERAL LOAD	800	20	1	A	20	1	720	RECEPTACLES		RECEPT RM 1C41	56
57	RECEPT RM 1C04, 06, 08		RECEPTACLES	540	20	1	B	20	1	800	GENERAL LOAD		EYELANE RM 1C41	58
59	RECEPT RM 1C20		RECEPTACLES	540	20	1	C	20	1	1340	RECEPTACLES		RECEPT RM 1C18	60
61	RECEPT RM 1C10		RECEPTACLES	1340	20	1	A	20	1	720	RECEPTACLES		RECEPT RM 1C18	62
63	RECEPT RM 1C10		RECEPTACLES	720	20	1	B	20	1	800	GENERAL LOAD		EYELANE RM 1C18	64
65	RECEPT RM 1C10		GENERAL LOAD	800	20	1	C	20	1	540	RECEPTACLES		RECEPT RM 1C18, 39, 41	66
67	RECEPT RM 1C10, 12		RECEPTACLES	360	20	1	A	20	1	0	SPARE		SPARE	68
69	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	70
71	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	72
73	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	74
75	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	76
77	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	78
79	SPACE		SPACE	0	0	1	A	0	1	0	SPACE		SPACE	80
81	SPACE		SPACE	0	0	1	B	0	1	0	SPACE		SPACE	82
83	SPACE		SPACE	0	0	1	C	0	1	0	SPACE		SPACE	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	54.40	151.0	* A-N	19400.0	161.5	CONNECTED	54.40
TOTAL DEMAND	39.68	110.1	* B-N	17640.0	146.9	DEMAND	39.68
TOTAL DESIGN	39.68	110.1	* C-N	17360.0	144.6	DESIGN	39.68

PANEL: C-NL1C3 OC DEVICE TYPE: Breaker ENCLOSURE: NEMA 1 MAINS(A): MLO CONTINUOUS(A): 225
LOCATION: RM 1C32 DEVICE FAMILY: Bolt On MOUNTING: Surface WIRING: 3-Phase 4-Wire BUS SC RATING(A) 10000
FED FROM: C-NP1C2 VOLTAGE: 208/120 FAULT CURRENT(A): 5641

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS	P	PHASE	OC AMPS	P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	RECEPT RM 1B49		RECEPTACLES	1340	20	1	A	20	1	720	RECEPTACLES		CUBICLE RM 1B81D	2
3	RECEPT RM 1B49		RECEPTACLES	720	20	1	B	20	1	720	RECEPTACLES		CUBICLE RM 1B81D	4
5	EYELANE RM 1B49		GENERAL LOAD	800	20	1	C	20	1	720	RECEPTACLES		CUBICLE RM 1B81D	6
7	RECEPT RM 1B47		RECEPTACLES	1340	20	1	A	20	1	360	RECEPTACLES		RECEPT RM 1B80	8
9	RECEPT RM 1B47		RECEPTACLES	720	20	1	B	20	1	540	RECEPTACLES		RECEPT RM 1B80	10
11	EYELANE RM 1B47		GENERAL LOAD	800	20	1	C	20	1	720	RECEPTACLES		RECEPT RM 1B79	12
13	RECEPT RM 1B47, 49		RECEPTACLES	360	20	1	A	20	1	540	RECEPTACLES		RECEPT RM 1B79, 80	14
15	RECEPT RM 1B45		RECEPTACLES	720	20	1	B	20	1	900	RECEPTACLES		RECEPT RM 1B78A, B, C	16
17	RECEPT RM 1B43		RECEPTACLES	1340	20	1	C	20	1	540	RECEPTACLES		RECEPT RM 1B78A, C	18
19	RECEPT RM 1B43		RECEPTACLES	720	20	1	A	20	1	1160	RECEPTACLES		RECEPT RM 1C19	20
21	EYELANE RM 1B43		GENERAL LOAD	800	20	1	B	20	1	540	RECEPTACLES		RECEPT RM 1C19	22
23	RECEPT RM 1B41		RECEPTACLES	1340	20	1	C	20	1	1160	RECEPTACLES		RECEPT RM 1C17	24
25	RECEPT RM 1B41		RECEPTACLES	720	20	1	A	20	1	540	RECEPTACLES		RECEPT RM 1C17	26
27	EYELANE RM 1B41		GENERAL LOAD	800	20	1	B	20	1	540	RECEPTACLES		RECEPT RM 1C15	28
29	RECEPT RM 1B39, 41, 43		RECEPTACLES	540	20	1	C	20	1	1160	RECEPTACLES		RECEPT RM 1C15	30
31	RECEPT RM 1B39		RECEPTACLES	540	20	1	A	20	1	360	RECEPTACLES		RECEPT RM 1C15, 17, 19	32
33	RECEPT RM 1B39		RECEPTACLES	720	20	1	B	20	1	1340	RECEPTACLES		RECEPT RM 1C13	34
35	RECEPT RM 1B39		RECEPTACLES	800	20	1	C	20	1	800	RECEPTACLES		RECEPT RM 1C13	36
37	RECEPT RM 1B39		RECEPTACLES	800	20	1	A	20	1	800	RECEPTACLES		RECEPT RM 1C13	38
39	RECEPT RM 1B39		RECEPTACLES	800	20	1	B	20	1	1340	RECEPTACLES		RECEPT RM 1C11	40
41	RECEPT RM 1B48		RECEPTACLES	1340	20	1	C	20	1	540	RECEPTACLES		RECEPT RM 1B51	42
43	RECEPT RM 1B48		RECEPTACLES	720	20	1	A	20	1	540	RECEPTACLES		RECEPT RM 1B51	44
45	EYELANE RM 1B48		GENERAL LOAD	800	20	1	B	20	1	360	RECEPTACLES		EYELANE RM 1B99G	46
47	RECEPT RM 1B46		RECEPTACLES	1340	20	1	C	20	1	360	RECEPTACLES		RECEPT RM 1C13, 15	48
49	RECEPT RM 1B46		RECEPTACLES	720	20	1	A	20	1	720	RECEPTACLES		RECEPT RM 1B37, 38	50
51	EYELANE RM 1B46		GENERAL LOAD	800	20	1	B	20	1	720	RECEPTACLES		RECEPT RM 1B37, 38	52
53	RECEPT RM 1B44		RECEPTACLES	1340	20	1	C	20	1	540	RECEPTACLES		RECEPT RM 1B37, 38	54
55	RECEPT RM 1B44		RECEPTACLES	720	20	1	A	20	1	360	RECEPTACLES		RECEPT RM 1B37	56
57	EYELANE RM 1B44		GENERAL LOAD	800	20	1	B	20	1	720	RECEPTACLES		RECEPT RM 1B99G	58
59	RECEPT RM 1B44, 46, 48		RECEPTACLES	540	20	1	C	20	1	900	RECEPTACLES		RECEPT RM 1B99L	60
61	RECEPT RM 1B42		RECEPTACLES	1340	20	1	A	20	1	720	RECEPTACLES		RECEPT RM 1C05	62
63	RECEPT RM 1B42		RECEPTACLES	720	20	1	B	20	1	1260	RECEPTACLES		RECEPT RM 1B36	64
65	EYELANE RM 1B42		GENERAL LOAD	800	20	1	C	20	1	900	RECEPTACLES		RECEPT RM 1B51, 52	66
67	RECEPT RM 1B40		RECEPTACLES	1340	20	1	A	20	1	540	RECEPTACLES		RECEPT RM 1B52	68
69	RECEPT RM 1B40		RECEPTACLES	720	20	1	B	20	1	540	RECEPTACLES		RECEPT RM 1B52	70
71	EYELANE RM 1B40		GENERAL LOAD	800	20	1	C	20	1	540	RECEPTACLES		RECEPT RM 1B52	72
73	RECEPT RM 1B40, 42		RECEPTACLES	360	20	1	A	20	1	360	RECEPTACLES		RECEPT RM 1B52	74
75	RECEPT RM 1B51		RECEPTACLES	360	20	1	B	20	1	360	RECEPTACLES		RECEPT RM 1C09	76
77	RECEPT RM 1B51		RECEPTACLES	1500	20	1	C	30	1	2000	RECEPTACLES		COMM RM 1C09	78
79	RECEPT RM 1B02		RECEPTACLES	1000	20	1	A	20	1	1000	RECEPTACLES		RECEPT RM 1B02	80
81	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	82
83	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	64.26	178.4	* A-N	20740.0	172.7	CONNECTED	64.26
TOTAL DEMAND	40.73	113.1	* B-N	19360.0	161.2	DEMAND	40.73
TOTAL DESIGN	40.73	113.1	* C-N	24160.0	201.2	DESIGN	40.73

PANEL: C-NL1D1 OC DEVICE TYPE: Breaker ENCLOSURE: NEMA 1 MAINS(A): MLO CONTINUOUS(A): 125
LOCATION: RM 1D32 DEVICE FAMILY: Bolt On MOUNTING: Surface WIRING: 3-Phase 4-Wire BUS SC RATING(A) 10000
FED FROM: C-NP1D1 VOLTAGE: 208/120 FAULT CURRENT(A): 5851

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS	P	PHASE	OC AMPS	P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	ELEC. RM, COMMON, 1D32		RECEPTACLES	540	20	1	A	20	1	540	RECEPTACLES		ELEC. RM, COMMON, 1D32	2
3	ELEC. RM, COMMON, 1D32		RECEPTACLES	500	20	1	B	20	1	540	RECEPTACLES		ADMIN OFFICE	4
5	ADMIN OFFICE		RECEPTACLES	360	20	1	C	20	1	360	RECEPTACLES		ADMIN OFFICE	6
7	ADMIN OFFICE		RECEPTACLES	540	20	1	A	20	1	360	RECEPTACLES		ADMIN OFFICE	8
9	ROOMS 1D24/1D26		RECEPTACLES	540	20	1	B	20	1	540	RECEPTACLES		ADMIN OFFICE 1D26	10
11	ADMIN OFFICE 1D26		RECEPTACLES	360	20	1	C	20	1	540	RECEPTACLES		ROOMS 1D22/1D24	12
13	ADMIN OFFICE 1D24		RECEPTACLES	540	20	1	A	20	1	360	RECEPTACLES		ADMIN OFFICE 1D24	14
15	ADMIN OFFICE 1D24		RECEPTACLES	540	20	1	B	20	1	360	RECEPTACLES		ADMIN OFFICE 1D22	16
17	ADMIN OFFICE		RECEPTACLES	720	20	1	C	20	1	360	RECEPTACLES		ROOM 1D93	18
19	1099C/1099D		RECEPTACLES	540	20	1	A	20	1	720	RECEPTACLES		EQUIP STOR 1D05/1D18	20
21	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	22
23	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	30
31	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	32
33	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	34
35	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	36
37	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	38
39	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	40
41	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	42
43	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	44
45	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	46
47	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	48
49	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	50
51	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	52
53	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	54
55	SPARE		SPARE	0	20	1	A	0	1	0	SPACE		SPACE	56
57	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	58
59	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	9.86	27.4	* A-N	4140.0	34.5	CONNECTED	9.86
TOTAL DEMAND	9.86	27.4	* B-N	3020.0	25.2	DEMAND	9.86
TOTAL DESIGN	9.86	27.4	* C-N	2700.0	22.5	DESIGN	9.86

PANEL: C-NL1D2 OC DEVICE TYPE: Breaker ENCLOSURE: NEMA 1 MAINS(A): MLO CONTINUOUS(A): 125
LOCATION: RM 1D32 DEVICE FAMILY: Bolt On MOUNTING: Surface WIRING: 3-Phase 4-Wire BUS SC RATING(A) 10000
FED FROM: C-NP1D1 VOLTAGE: 208/120 FAULT CURRENT(A): 5851

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS	P	PHASE	OC AMPS	P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	COMM RM. 1C66		RECEPTACLES	360	20	1	A	20	1	360	RECEPTACLES		COMM RM. 1C66	2
3	COMM RM. 1C66		RECEPTACLES	1500	20	1	B	30	1	2000	RECEPTACLES		COMM RM. 1C66	4
5	WAIT RM. 1C68		RECEPTACLES	900	20	1	C	20	1	540	RECEPTACLES		RM. 1C70, 72	6
7	EQUIP STOR 1D18		RECEPTACLES	720	20	1	A	20	1	900	RECEPTACLES		CONFERENCE RM 1D00	8
9	CONFERENCE RM 1D00		RECEPTACLES	900	20	1	B	20	1	180	RECEPTACLES		CONFERENCE RM 1D00	10
11	EQUIP STOR 1D12		RECEPTACLES	720	20	1	C	20	1	0	SPARE		SPARE	12
13	OFFICE RM. 1D91		RECEPTACLES	720	20	1	A	20	1	0	SPARE		SPARE	14
15	OFFICE RM. 1C90		RECEPTACLES	720	20	1	B	20	1	0	SPARE		SPARE	16
17	OFFICE RM. 1C89		RECEPTACLES	720	20	1	C	20	1	0	SPARE		SPARE	18
19	OFFICE RM. 1D88		RECEPTACLES	720	20	1	A	20	1	720	RECEPTACLES		RM. 1D11, 13, 15, 91	20
21	OFFICE RM. 1D87		RECEPTACLES	540	20	1	B	20	1	900	RECEPTACLES		RM. 1C89, 88, 87	22
23	EYELANE RM. 1C65		RECEPTACLES	1340	20	1	C	20	1	720	RECEPTACLES		EYELANE RM. 1C65	24
25	EYELANE RM. 1C65		GENERAL LOAD	800	20	1	A	20	1	1340	RECEPTACLES		EYELANE RM. 1C67	26
27	EYELANE RM. 1C67		RECEPTACLES	720	20	1	B	20	1	800	GENERAL LOAD		EYELANE RM. 1C67	28
29	EYELANE RM. 1C69		RECEPTACLES	1340	20	1	C	20	1	720	RECEPTACLES		EYELANE RM. 1C69	30
31	EYELANE RM. 1C69		GENERAL LOAD	800	20	1	A	20	1	720	RECEPTACLES		RM. 1C69, 67, 65	32
33	LASER RM. 1C71		RECEPTACLES	540	20	1	B	20	1	540	RECEPTACLES		LASER RM. 1C71	34
35	LASER RM. 1C71		RECEPTACLES	800	20	1	C	20	1	800	RECEPTACLES		LASER RM. 1C71	36
37	LASER RM. 1C71		RECEPTACLES	800	20	1	A	20	1	540	RECEPTACLES		LASER RM. 1C73	38
39	LASER RM. 1C73		RECEPTACLES	540	20	1	B	20	1	720	RECEPTACLES		LASER RM. 1C73	40
41	LASER RM. 1C73		RECEPTACLES	800	20	1	C	20	1	800	RECEPTACLES		LASER RM. 1C73	42
43	OFFICE RM. 1C87, 88		RECEPTACLES	540	20	1	A	20	1	540	RECEPTACLES		OFFICE RM. 1C87	44
45	OFFICE RM. 1C89, 90		RECEPTACLES	540	20	1	B	20	1	0	SPARE		SPARE	46
47	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	48
49	SPARE		SPARE	0	20	1	A	20	1	0	SPARE		SPARE	50
51	SPARE		SPARE	0	20	1	B	20	1	0	SPARE		SPARE	52
53	SPARE		SPARE	0	20	1	C	20	1	0	SPARE		SPARE	54
55	SPACE		SPACE	0	0	1	A	0	1	0	SPACE		SPACE	56
57	SPACE		SPACE	0	0	1	B	0	1	0	SPACE		SPACE	58
59	SPACE		SPACE	0	0	1	C	0	1	0	SPACE		SPACE	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	31.20	86.6	* A-N	10040.0	83.7	CONNECTED	31.20
TOTAL DEMAND	20.60	57.2	* B-N	11140.0	92.8	DEMAND	20.60
TOTAL DESIGN	20.60	57.2	* C-N	10020.0	83.5	DESIGN	20.60

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PANEL INDEX	
C-NL1C2	C-NL1C3
C-NL1D1	C-NL1D2

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

STATE OF MARYLAND — DAVID C. BECHTOL — No. 15806 — REGISTERED PROFESSIONAL ENGINEER — 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM DRW KM CHK GM
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 6

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066106
SHEET OF 0

E-706-V

PANEL C-NP1A1

PANEL: C-NP1A1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): 250A MCB	CONTINUOUS(A):	250
LOCATION: RM 1A46	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A)	10000
FED FROM: XF C-NP1A1_BUS-S		VOLTAGE: 208/120		FAULT CURRENT(A):	5497

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	FCU RM 1A99L		MOTOR 2	1800	20 2	A	20 1	125	GENERAL LOAD		PP-1 RM 1A58	2
3	''			-	''	B	20 2	1800	MOTOR 2		FCU RM 1A45	4
5	CORR RM 1A99M,N,P		RECEPTACLES	900	20 1	C	''	-			''	6
7	STOR RM 1A50B		RECEPTACLES	180	20 1	A	20 1	560	RECEPTACLES		TLT RM 1A47,48	8
9	STOR RM 1A50B		RECEPTACLES	180	20 1	B	20 1	1800	RECEPTACLES		STOR RM 1A45	10
11	STOR RM 1A50B		RECEPTACLES	180	20 1	C	20 1	1500	RECEPTACLES		STOR RM 1A45	12
13	STOR RM 1A50B		RECEPTACLES	360	20 1	A	20 1	1500	RECEPTACLES		STOR RM 1A45	14
15	STOR RM 1A50B		RECEPTACLES	180	20 1	B	20 1	1500	RECEPTACLES		STOR RM 1A45	16
17	STOR RM 1A50B		RECEPTACLES	180	20 1	C	20 1	360	RECEPTACLES		STOR RM 1A45	18
19	STOR RM 1A50B		RECEPTACLES	180	20 1	A	20 1	900	RECEPTACLES		CHAPEL RM 1A00	20
21	STOR RM 1A50A		RECEPTACLES	720	20 1	B	20 1	900	RECEPTACLES		CHAPEL RM 1A00	22
23	STOR RM 1A50		RECEPTACLES	720	20 1	C	20 1	180	RECEPTACLES		CHAPEL RM 1A00	24
25	STOR RM 1A50		RECEPTACLES	720	20 1	A	20 1	180	RECEPTACLES		CHAPEL RM 1A00A	26
27	PLUMB RM 1B33		GENERAL LOAD	300	20 1	B	20 1	500	RECEPTACLES		CORR RM 1B99K	28
29	FCU RM 1A99K		MOTOR 2	2450	20 2	C	20 2	1850	MOTOR 2		FCU RM 1A20	30
31	''			-	''	A	''	-			''	32
33	SPARE		SPARE	0	20 1	B	20 2	2450	MOTOR 2		FCU RM 1A99E	34
35	SPARE		SPARE	0	20 1	C	''	-			''	36
37	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	38
39	SPARE		SPARE	0	20 1	B	''	-			''	40
41	SPARE		SPARE	0	20 1	C	''	-			''	42
43	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	44
45	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	46
47	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	48
49	SPARE		SPARE	0	20 1	A	0 1	0	SPACE		SPACE	50
51	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	52
53	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	54
55	C-NL1A2_CBL		NONE	26640	125 3	A	125 3	29860	NONE		C-NL1A1_CBL	56
57	''			-	''	B	''	-			''	58
59	''			-	''	C	''	-			''	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	81.66	226.7	* A-N	26588.3	221.4	CONNECTED	81.66
TOTAL DEMAND	51.47	142.9	* B-N	27938.3	232.6	DEMAND	51.47
TOTAL DESIGN	51.47	142.9	* C-N	27128.3	225.9	DESIGN	51.47

PANEL C-NP1B1

PANEL: C-NP1B1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): 250A MCB	CONTINUOUS(A):	400
LOCATION: RM 1B21	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A)	10000
FED FROM: XF C-NP1B1		VOLTAGE: 208/120		FAULT CURRENT(A):	5030

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	FCU RM 1B99A		MOTOR 2	2648	20 2	A	20 2	2000	GENERAL LOAD		ELEV RM 1B07	2
3	''			-	''	B	''	-			''	4
5	FCU RM 1B29		MOTOR 2	2714	20 2	C	20 2	2000	GENERAL LOAD		ELEV RM 1B07	6
7	''			-	''	A	''	-			''	8
9	FCU RM 1B99A		MOTOR 2	2048	20 2	B	20 1	0	SPARE		SPARE	10
11	''			-	''	C	20 1	180	RECEPTACLES		ELEV RM 1B07	12
13	FCU RM 1B99A		MOTOR 2	2000	20 2	A	20 1	500	RECEPTACLES		ELEV RM 1B07	14
15	''			-	''	B	20 1	500	RECEPTACLES		ELEV RM 1B07	16
17	ELEC RM 1B31		RECEPTACLES	1340	20 1	C	20 1	720	RECEPTACLES		CORR RM 1B99A,D,F	18
19	EYELANE RM 1B31		RECEPTACLES	1340	20 1	A	20 1	900	RECEPTACLES		OFF RM 1B19,20	20
21	EYELANE RM 1B31		RECEPTACLES	720	20 1	B	20 1	900	RECEPTACLES		OFF RM 1B19	22
23	EYELANE RM 1B31		RECEPTACLES	720	20 1	C	20 1	720	RECEPTACLES		OFF RM 1B19,20	24
25	EYELANE RM 1B29		RECEPTACLES	1340	20 1	A	20 1	540	RECEPTACLES		VISUAL RM 1B22	26
27	EYELANE RM 1B29		RECEPTACLES	720	20 1	B	20 1	1200	RECEPTACLES		VISUAL RM 1B22	28
29	EYELANE RM 1B29		RECEPTACLES	800	20 1	C	20 1	1200	RECEPTACLES		VISUAL RM 1B22	30
31	EYELANE RM 1B29,31		RECEPTACLES	360	20 1	A	20 1	540	RECEPTACLES		VISUAL RM 1B22	32
33	EYELANE RM 1B25		RECEPTACLES	1340	20 1	B	20 1	1200	RECEPTACLES		VISUAL RM 1B24	34
35	EYELANE RM 1B25		RECEPTACLES	720	20 1	C	20 1	1200	RECEPTACLES		VISUAL RM 1B24	36
37	EYELANE RM 1B25		RECEPTACLES	800	20 1	A	20 1	540	RECEPTACLES		VISUAL RM 1B24	38
39	VISUAL RM 1B23		RECEPTACLES	540	20 1	B	20 1	540	RECEPTACLES		VISUAL RM 1B24	40
41	VISUAL RM 1B23		RECEPTACLES	540	20 1	C	20 1	1200	RECEPTACLES		VISUAL RM 1B26	42
43	VISUAL RM 1B26		RECEPTACLES	720	20 1	A	20 1	540	RECEPTACLES		VISUAL RM 1B22,24,26	44
45	VISUAL RM 1B23		RECEPTACLES	1200	20 1	B	20 1	1200	RECEPTACLES		VISUAL RM 1B25	46
47	VISUAL RM 1B21		RECEPTACLES	540	20 1	C	20 1	1200	RECEPTACLES		VISUAL RM 1B26	48
49	VISUAL RM 1B21		RECEPTACLES	1560	20 1	A	20 1	720	RECEPTACLES		WAIT RM 1B28	50
51	VISUAL RM 1B21		RECEPTACLES	1200	20 1	B	20 1	540	RECEPTACLES		RECEPTION RM 1B04	52
53	VISUAL RM 1B21,23,25		RECEPTACLES	720	20 1	C	20 1	1200	RECEPTACLES		VISUAL RM 1B21	54
55	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	56
57	SPARE		SPARE	0	20 1	B	''	-			''	58
59	SPARE		SPARE	0	20 1	C	''	-			''	60
61	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	62
63	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	64
65	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	66
67	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	68
69	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	70
71	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	72
73	SPARE		SPARE	0	20 1	A	0 1	0	SPACE		SPACE	74
75	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	76
77	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	78
79	SPARE		SPARE	0	20 1	A	0 3	21240	NONE		C-NL1B1_CBL	80
81	SPARE		SPARE	0	20 1	B	''	-			''	82
83	SPARE		SPARE	0	20 1	C	''	-			''	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	69.85	193.9	* A-N	23161.0	192.9	CONNECTED	69.85
TOTAL DEMAND	46.81	129.9	* B-N	23228.0	193.4	DEMAND	46.81
TOTAL DESIGN	46.81	129.9	* C-N	23461.0	195.4	DESIGN	46.81

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PANEL C-NP1C1

PANEL: C-NP1C1	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): 250A MCB	CONTINUOUS(A):	400
LOCATION: RM 1C32	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A)	10000
FED FROM: XF C-NP1C1		VOLTAGE: 208/120		FAULT CURRENT(A):	2990

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	WAITING ROOM 1D20		RECEPTACLES	540	20 1	A	20 1	720	RECEPTACLES		WAITING ROOM 1D20	2
3	ADMIN OFFICES		RECEPTACLES	720	20 1	B	20 1	540	RECEPTACLES		ADMIN OFFICE	4
5	ADMIN OFFICE		RECEPTACLES	360	20 1	C	20 1	540	GENERAL LOAD		ADMIN OFFICE	6
7	ADMIN OFFICE		RECEPTACLES	360	20 1	A	20 1	0	SPARE		SPARE	8
9	SPARE		SPARE	0	20 1	B	20 1	540	RECEPTACLES		OFFICE RM. 1D01A-D	10
11	OFFICE RM. 1D01A-D		RECEPTACLES	720	20 1	C	20 1	720	RECEPTACLES		FILE RM. 1C03	12
13	RECEP RM. 1C02		RECEPTACLES	540	20 1	A	20 1	720	RECEPTACLES		RECEPTION RM. 1C02	14
15	RECEP RM. 1C63		RECEPTACLES	720	20 1	B	20 1	1340	RECEPTACLES		EYELANE RM. 1C63	16
17	EYELANE RM. 1C02		RECEPTACLES	1500	20 1	C	20 1	800	GENERAL LOAD		EYELANE RM. 1C63	18
19	RM. 1C63, 1C48		RECEPTACLES	540	20 1	A	20 1	900	RECEPTACLES		TECH RM. 1C61	20
21	EYELANE RM. 1C64		RECEPTACLES	720	20 1	B	20 1	1340	RECEPTACLES		EYELANE RM. 1C64	22
23	EYELANE RM. 1C64		GENERAL LOAD	800	20 1	C	20 1	720	RECEPTACLES		EYELANE RM. 1C62	24
25	EYELANE RM. 1C62		RECEPTACLES	1340	20 1	A	20 1	800	GENERAL LOAD		EYELANE RM. 1C62	26
27	RM. 1D01A,B, 1C62		RECEPTACLES	540	20 1	B	20 1	720	RECEPTACLES		CONF RM. 1C44	28
29	TECH RM. 1C61		RECEPTACLES	1200	20 1	C	20 1	900	RECEPTACLES		TECH RM. 1C48	30
31	RM. 1C44, 1C61		RECEPTACLES	540	20 1	A	20 1	900	RECEPTACLES		SIM RM. 1C46	32
33	CONF. RM. 1C44		RECEPTACLES	900	20 1	B	20 1	540	RECEPTACLES		VIS FIELD RM. 1C43	34
35	VIS FIELD RM. 1C47		RECEPTACLES	720	20 1	C	20 1	540	RECEPTACLES		VIS FIELD RM. 1C45	36
37	VIS FIELD RM. 1C45		RECEPTACLES	720	20 1	A	20 1	360	RECEPTACLES		VIS FIELD RM. 1C45	38
39	OFF RM. 1C23		RECEPTACLES	900	20 1	B	20 1	720	RECEPTACLES		CORR RM. 1D99A	40
41	CORR. RM. 1C99E		RECEPTACLES	900	20 1	C	20 1	540	RECEPTACLES		CORR RM. 1B99G	42
43	WAIT. RM. 1C00C		RECEPTACLES	540	20 1	A	20 1	720	RECEPTACLES		WAIT RM. 1C00C	44
45	SIM RM 1C46		RECEPTACLES	180	20 1	B	20 1	180	RECEPTACLES		RECEPT RM. 1C46	46
47	EWC RM 1B99G		RECEPTACLES	1500	20 1	C	20 1	500	GENERAL LOAD		AUTODOOR RM. 1C46	48
49	SIM RM 1C47,48		RECEPTACLES	540	20 1	A	20 1	540	RECEPTACLES		RECEPT RM. 1C23	50
51	FCU RM 1C00A		MOTOR 2	2714	20 2	B	20 2	2048	MOTOR 2		FCU RM 1C57	52
53	''			-	''	C	''	-			''	54
55	FCU RM 1B99J		MOTOR 2	2714	20 2	A	20 2	1664	MOTOR 2		FCU-1-4, 1-5, 1-10	56
57	''			-	''	B	''	-			''	58
59	FCU RM 1B99H		MOTOR 2	2000	20 2	C	20 2	2000	MOTOR 2		FCU RM 1C47,69	60
61	''			-	''	A	''	-			''	62
63	FCU-1-6, 1-8, 2-1		MOTOR 2	1830	20 2	B	20 1	0	SPARE		SPARE	64
65	''			-	''	C	20 1	0	SPARE		SPARE	66
67	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	68
69	SPARE		SPARE	0	20 1	B	''	-			''	70
71	SPARE		SPARE	0	20 1	C	''	-			''	72
73	SPACE		SPACE	0	0 1	A	20 1	0	SPARE		SPARE	74
75	SPACE		SPACE	0	0 1	B	20 1	0	SPARE		SPARE	76
77	SPACE		SPACE	0	0 1	C	20 1	0	SPARE		SPARE	78
79	C-NL1C1_CBL		NONE	46940	150 3	A	0 1	0	SPACE		SPACE	80
81	''			-	''	B	0 1	0	SPACE		SPACE	82
83	''			-	''	C	0 1	0	SPACE		SPACE	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	95.71	265.67	* A-N	30047.0	250.39	CONNECTED	95.71
TOTAL DEMAND	59.34	164.72	* B-N	32605.0	271.71	DEMAND	59.34
TOTAL DESIGN	59.34	164.72	* C-N	33054.0	275.45	DESIGN	59.34

PANEL C-NP1C2

PANEL: C-NP1C2	OC DEVICE TYPE: Breaker	ENCLOSURE: NEMA 1	MAINS(A): 400A MCB	CONTINUOUS(A):	400
LOCATION: RM 1C32	DEVICE FAMILY: Bolt On	MOUNTING: Surface	WIRING: 3-Phase 4-Wire	BUS SC RATING(A)	14000
FED FROM: XF C-NP1C2		VOLTAGE: 208/120		FAULT CURRENT(A):	5792

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	RECEPTION RM 1C01,28		RECEPTACLES	1740	20 1	A	20 1	1340	RECEPTACLES		EYELANE RM 1C34	2
3	RECEPTION RM 1C01		RECEPTACLES	540	20 1	B	20 1	720	RECEPTACLES		EYELANE RM 1C34	4
5	RECEPTION RM 1C01		RECEPTACLES	1200	20 1	C	20 1	800	GENERAL LOAD		EYELANE RM 1C34	6
7	VIS RM 1C28		RECEPTACLES	720	20 1	A	20 1	1340	RECEPTACLES		EYELANE RM 1C36	8
9	VIS RM 1C28		RECEPTACLES	540	20 1	B	20 1	720	RECEPTACLES		EYELANE RM 1C36	10
11	TOILET RM 1C22,24		GENERAL LOAD	200	20 1	C	20 1	800	GENERAL LOAD		EYELANE RM 1C36	12
13	ELEC RM 1C32		RECEPTACLES	360	20 1	A	20 1	1340	RECEPTACLES		EYELANE RM 1C38	14
15	OFF RM 1C84		RECEPTACLES	720	20 1	B	20 1	720	RECEPTACLES		EYELANE RM 1C38	16
17	CUB RM 1C83F		RECEPTACLES	720	20 1	C	20 1	800	GENERAL LOAD		EYELANE RM 1C38	18
19	CUBRM 1C83F		RECEPTACLES	720	20 1	A	20 1	540	RECEPTACLES		EYE RM 1C34,36,38	20
21	CUB RM 1C83F		RECEPTACLES	720	20 1	B	20 1	1340	RECEPTACLES		EYELANET RM 1C40	22
23	CORR RM 1C99D		RECEPTACLES	540	20 1	C	20 1	720	RECEPTACLES		EYELANE RM 1C40	24
25	RECEPT RM 1C00B		RECEPTACLES	180	20 1	A	20 1	800	GENERAL LOAD		EYELANE RM 1C40	26
27	SPARE		SPARE	0	20 1	B	20 1	1340	RECEPTACLES		EYELANE RM 1C42	28
29	SPARE		SPARE	0	20 1	C	20 1	720	RECEPTACLES		EYELANE RM 1C42	30
31	SPARE		SPARE	0	20 1	A	20 1	800	GENERAL LOAD		EYELANE RM 1C42	32
33	SPARE		SPARE	0	20 1	B	20 1	540	RECEPTACLES		EYE RM 1C40,42,84	34
35	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	36
37	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	38
39	SPARE		SPARE	0	20 1	B	''	-			''	40
41	SPARE		SPARE	0	20 1	C	''	-			''	42
43	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	44
45	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	46
47	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	48
49	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	50
51	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	52
53	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	54
55	C-NL1C2_CBL		NONE	54400	225 3	A	225 3	64260	NONE		C-NL1C3_CBL	56
57	''			-	''	B	''	-			''	58
59	''			-	''	C	''	-			''	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	142.94	396.8	* A-N	49433.3	411.6	CONNECTED	142.94
TOTAL DEMAND	89.65	248.8	* B-N	47453.3	395.2	DEMAND	89.65
TOTAL DESIGN	89.65	248.8	* C-N	46053.3	383.5	DESIGN	89.65

PANEL INDEX	
C-NP1A1	C-NP1B1
C-NP1C1	C-NP1C2

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GM
PM/DM: CHEMENJU/HILL
BRANCH MANAGER: N/A
CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE · CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 8

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13066108
SHEET OF 0
E-708-V

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1 2 3 4 5

D

PANEL: C-NP1D1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 250A MCB | CONTINUOUS(A): 400
LOCATION: RM 1D32 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 10000
FED FROM: XF C-NP1D1_BUS-S | VOLTAGE: 208/120 | FAULT CURRENT(A): 6105

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	FCU-1-3, 1-7		MOTOR 2	956	20 1	A	20 1	0	SPARE		SPARE	2
3	"			-	20 1	B	20 1	0	SPARE		SPARE	4
5	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	6
7	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	8
9	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	10
11	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	12
13	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	14
15	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	16
17	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	18
19	SPARE		SPARE	0	20 1	A	20 2	1290	MOTOR 2		FCU-1-1, 1-2	20
21	SPARE		SPARE	0	20 1	B	"	-			"	22
23	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	24
25	SPARE		SPARE	0	20 1	A	20 1	0	SPARE		SPARE	26
27	SPARE		SPARE	0	20 1	B	20 1	0	SPARE		SPARE	28
29	SPARE		SPARE	0	20 1	C	20 1	0	SPARE		SPARE	30
31	SPACE		SPACE	0	20 1	A	30 3	0	GEN		SPD	32
33	SPARE		SPARE	0	20 1	B	"	-			"	34
35	SPARE		SPARE	0	20 1	C	"	-			"	36
37	C-NL1D2_CBL		NONE	22200	125 3	A	125 3	9860	NONE		C-NL1D1_CBL	38
39	"			-	"	B	"	-			"	40
41	"			-	"	C	"	-			"	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	43.31	120.2	* A-N	15303.0	127.53	CONNECTED	43.31
TOTAL DEMAND	27.78	77.1	* B-N	15283.0	127.36	DEMAND	27.78
TOTAL DESIGN	27.78	77.1	* C-N	12720.0	106.00	DESIGN	27.78

PANEL: C-NP2A1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 400A MCB | CONTINUOUS(A): 400
LOCATION: RM 2A34 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 10000
FED FROM: XF C-NP2A1_BUS-S | VOLTAGE: 208/120 | FAULT CURRENT(A): 5417

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	RECEPT RM 2A24, 25		RECEPTACLES	1200	20 1	A	20 1	1080	RECEPTACLES		RECEPT RM 2A39	2
3	RECEPT RM 2A41		RECEPTACLES	1080	20 1	B	20 1	900	RECEPTACLES		RECEPT RM 2A25	4
5	RECEPT RM 2A24		RECEPTACLES	900	20 1	C	20 1	660	RECEPTACLES		RECEPT RM 2A70, 72	6
7	RECEPT RM 2A70		RECEPTACLES	1080	20 1	A	20 1	720	RECEPTACLES		RECEPT RM 2A72	8
9	RECEPT RM 2A99E, J, M		RECEPTACLES	720	20 1	B	20 1	600	RECEPTACLES		RECEPT RM 2A64, 66	10
11	RECEPT RM 2A69, 71, 73		RECEPTACLES	900	20 1	C	20 1	720	RECEPTACLES		RECEPT RM 2A71	12
13	RECEPT RM 2A69		RECEPTACLES	720	20 1	A	20 1	720	RECEPTACLES		RECEPT RM 2A73	14
15	RECEPT RM 2A64		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		RECEPT RM 2A66	16
17	RECEPT RM 2A30A		RECEPTACLES	900	20 1	C	20 1	1200	RECEPTACLES		RECEPT RM 2A29, 30, A	18
19	RECEPT RM 2A30B		RECEPTACLES	720	20 1	A						20
21	RECEPT RM 2A26, 27, 28		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		RECEPT RM 2A26	22
23	RECEPT RM 2A28		RECEPTACLES	1080	20 1	C	20 1	1080	RECEPTACLES		RECEPT RM 2A27	24
25	FCU RM 2A99F		MOTOR 2	2714	20 2	A	20 1	900	RECEPTACLES		RECEPT RM 2A29	26
27	"			-	"	B	20 1	900	RECEPTACLES		RECEPT RM 2A29	28
29	FCU RM 2A05		MOTOR 2	2714	20 2	C	20 2	2714	MOTOR 2		FCU RM 2A28	30
31	"			-	"	A	"	-			"	32
33	FCU RM 2A05		MOTOR 2	2000	20 2	B	20 1	190	MOTOR 2		EF-4-2 ROOF	34
35	"			-	"	C	20 1	125	MOTOR 2		EF-4-3 ROOF	36
37	RECEPT RM 2A39, 41		RECEPTACLES	1600	20 1	A	20 1	125	MOTOR 2		EF-4-4 ROOF	38
39	RECEPT RM 2A30B		RECEPTACLES	1670	20 1	B	20 1	0	SPARE		SPARE	40
41	RECEPT RM 2A30B		RECEPTACLES	1450	20 1	C	20 1	0	SPARE		SPARE	42
43	RECEPT RM 2A30B		RECEPTACLES	1450	20 1	A	30 3	0	GEN		SPD	44
45	EF ROOF		MOTOR 2	190	20 1	B	"	-			"	46
47	SPARE		SPARE	0	20 1	C	"	-			"	48
49	SPARE		SPARE	0	20 1	A	0 1	0	SPACE		SPACE	50
51	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	52
53	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	54
55	C-NL2A2_CBL		NONE	45550	150 3	A	125 3	33020	NONE		C-NL2A1_CBL	56
57	"			-	"	B	"	-			"	58
59	"			-	"	C	"	-			"	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	117.89	327.2	* A-N	40576.0	337.9	CONNECTED	117.89
TOTAL DEMAND	69.40	192.6	* B-N	38397.0	319.7	DEMAND	69.40
TOTAL DESIGN	69.40	192.6	* C-N	38919.0	324.1	DESIGN	69.40

C

PANEL: C-NP2B1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 250A MCB | CONTINUOUS(A): 400
LOCATION: RM 2B48A | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 10000
FED FROM: XF C-NP2B1 | VOLTAGE: 208/120 | FAULT CURRENT(A): 2720

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	ELEC RM 2B48A		RECEPTACLES	180	20 1	A	20 1	1080	RECEPTACLES		CORR RM 2B99G	2
3	THER RM 2B46		RECEPTACLES	720	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B50	4
5	THER RM 2B46		RECEPTACLES	540	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B51	6
7	OFF RM 2B53, 54, 55		RECEPTACLES	1000	20 1	A	20 1	900	RECEPTACLES		OFF RM 2B52	8
9	OFF RM 2B54		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B50, 51, 52	10
11	OFF RM 2B55		RECEPTACLES	1020	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B53	12
13	CUB RM 2B31A		RECEPTACLES	1200	20 1	A	20 1	1200	RECEPTACLES		OFF RM 2B43, 45, 47	14
15	CUB RM 2B31C		RECEPTACLES	720	20 1	B	20 1	720	RECEPTACLES		OFF RM 2B49	16
17	CUB RM 2B31A		RECEPTACLES	720	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B47	18
19	OFF CO RM 2B29, 39, 41		RECEPTACLES	900	20 1	A	20 1	900	RECEPTACLES		OFF RM 2B45	20
21	OFF RM 2B39		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B43	22
23	OFF RM 2B37		RECEPTACLES	900	20 1	C	20 1	900	RECEPTACLES		RECEPT RM 2B41	24
25	OFF RM 2B35		RECEPTACLES	900	20 1	A	20 1	0	SPARE		SPARE	26
27	LOB RM 2A99A		RECEPTACLES	540	20 1	B	20 1	0	SPARE		SPARE	28
29	CONF RM 2B29		RECEPTACLES	1080	20 1	C	20 1	0	SPARE		SPARE	30
31	CONF RM 2B29		RECEPTACLES	1084	20 1	A	20 1	1500	RECEPTACLES		RM 2B35, 36, 37	32
33	SPARE		SPARE	0	20 1	B	20 1	1080	RECEPTACLES		EXAM RM 2B25	34
35	OFF RM 2B34		RECEPTACLES	900	20 1	C	20 1	900	RECEPTACLES		WAIT RM 2B38	36
37	OFF RM 2B18, 34, 36		RECEPTACLES	1200	20 1	A	20 1	190	MOTOR 2		EF-4-1	38
39	RECEPT RM 2B36		RECEPTACLES	900	20 1	B	20 1	125	MOTOR 2		EF-4-5	40
41	STOR RM 2B18A		RECEPTACLES	720	20 1	C	20 1	0	SPARE		SPARE	42
43	RECEPTION RM 2B18		RECEPTACLES	1800	20 1	A	20 1	300	RECEPTACLES		CONF RM 2B19	44
45	RECEPTION RM 2B18		RECEPTACLES	720	20 1	B	20 1	1804	RECEPTACLES		CONF RM 2B19	46
47	CONF RM 2B19		RECEPTACLES	1670	20 1	C	20 1	540	RECEPTACLES		CONF RM 2B19	48
49	WAIT RM 2B17		RECEPTACLES	540	20 1	A	20 1	1000	RECEPTACLES		OFF RM 2B22	50
51	RECEPT RM 2B22, 24		RECEPTACLES	1200	20 1	B	20 1	1000	RECEPTACLES		OFF RM 2B24	52
53	RECEPT RM 2B22		RECEPTACLES	720	20 1	C	20 1	720	RECEPTACLES		OFF RM 2B24	54
55	OFF RM 2B26		RECEPTACLES	900	20 1	A	20 1	900	RECEPTACLES		OFF RM 2B30	56
57	OFF RM 2B26, 28, 30		RECEPTACLES	900	20 1	B	20 1	600	RECEPTACLES		CUB RM 2B32A, B	58
59	OFF RM 2B28		RECEPTACLES	900	20 1	C	20 1	720	RECEPTACLES		CUB RM 2B32A, B	60
61	CUB RM 2B32G		RECEPTACLES	720	20 1	A	20 1	600	RECEPTACLES		CUB RM 2B32J	62
63	CUB RM 2B32G		RECEPTACLES	1200	20 1	B	20 1	720	RECEPTACLES		CUB RM 2B32J	64
65	CUB RM 2B32G		RECEPTACLES	720	20 1	C	20 1	360	RECEPTACLES		RECEPT ROOF	66
67	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	68
69	SPARE		SPARE	0	20 1	B	"	-			"	70
71	SPARE		SPARE	0	20 1	C	"	-			"	72
73	SPACE		SPACE	0	0 1	A	20 1	0	SPARE		SPARE	74
75	SPACE		SPACE	0	0 1	B	20 1	0	SPARE		SPARE	76
77	FCU RM 2B29		MOTOR 2	2000	20 2	C	20 1	0	SPARE		SPARE	78
79	"			-	"	A	0 1	0	SPACE		SPACE	80
81	FCU RM 2B41		MOTOR 2	2048	20 2	B	20 2	2048	MOTOR 2		FCU RM 2B41	82
83	"			-	"	C	"	-			"	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	59.27	164.5	* A-N	19994.0	166.5	CONNECTED	59.27
TOTAL DEMAND	37.84	105.0	* B-N	19497.0	162.4	DEMAND	37.84
TOTAL DESIGN	37.84	105.0	* C-N	19778.0	164.7	DESIGN	37.84

PANEL: C-NP2B2 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 250A MCB | CONTINUOUS(A): 400
LOCATION: RM 2B84 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 10000
FED FROM: XF C-NP2B2_BUS-S | VOLTAGE: 208/120 | FAULT CURRENT(A): 5104

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	STOR RM 2B56		RECEPTACLES	720	20 1	A	20 1	720	RECEPTACLES		STOR RM 2B56, A	2
3	STOR RM 2B56A		RECEPTACLES	720	20 1	B	20 1	1260	RECEPTACLES		CORR RM 2B99A, K, L	4
5	STOR RM 2B56, A		RECEPTACLES	1200	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B57	6
7	CONF RM 2B58, 60, 81		RECEPTACLES	1200	20 1	A	20 1	900	RECEPTACLES		OFF RM 2B57, 59, 61	8
9	OFF RM 2B60		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B59	10
11	OFF RM 2B58		RECEPTACLES	1080	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B61	12
13	CONF RM 2B58		RECEPTACLES	1264	20 1	A	20 1	200	GENERAL LOAD		FLUSH RM 2B73, 85	14
15	CONF RM 2B81		RECEPTACLES	1080	20 1	B	20 1	900	RECEPTACLES		WAIT RM 2B74	16
17	CONF RM 2B81		RECEPTACLES	1264	20 1	C	20 1	720	RECEPTACLES		CUB RM 2B75A, B	18
19	OFF RM 2B64, 75		RECEPTACLES	900	20 1	A	20 1	1200	RECEPTACLES		OFF RM 2B75D	20
21	OFF RM 2B64		RECEPTACLES	900	20 1	B	20 1	720	RECEPTACLES		CUB RM 2B72D, E	22
23	OFF RM 2B62		RECEPTACLES	900	20 1	C	20 1	540	RECEPTACLES		CUB RM 2B75C	24
25	SEC RM 2B76		RECEPTACLES	1180	20 1	A	20 1	360	RECEPTACLES		OFF RM 2B76A, B	26
27	OFF RM 2C00, 80		RECEPTACLES	600	20 1	B	20 1	1200	RECEPTACLES		OFF RM 2B76	28
29	OFF RM 2C00		RECEPTACLES	900	20 1	C	20 1	720	RECEPTACLES		OFF RM 2B78A, B	30
31	OFF RM 2C80		RECEPTACLES	900	20 1	A	20 1	1200	RECEPTACLES		OFF RM 2B66, 68	32
33	OFFICE RM 2C77		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B66	34
35	OFF RM 2C79		RECEPTACLES	900	20 1	C	20 1	900	RECEPTACLES		OFF RM 2B68	36
37	OFF RM 2C63		RECEPTACLES	900	20 1	A	20 1	900	RECEPTACLES		OFF RM 2B63, 65, 67	38
39	OFF RM 2C65		RECEPTACLES	900	20 1	B	20 1	900	RECEPTACLES		OFF RM 2B67	40
41	RECEPT ROOF		RECEPTACLES	180	20 1	C	20 2	2048	MOTOR 2		FCU RM 2B99L	42
43	SPARE		SPARE	0	20 1	A	"	-			"	44
45	EF-3-2		MOTOR 2	125	20 1	B	20 2	2048	MOTOR 2		FCU RM 2B99B	46
47	EF-3-3		MOTOR 2	125	20 1	C	"	-			"	48
49	EF-3-4		MOTOR 2	125	20 1	A	20 1	0	SPARE		SPARE	50
51	SPARE		SPARE	0	20 1	B	20 2	2048	MOTOR 2		FCU RM 2C03	52
53	SPARE		SPARE	0	20 1	C	"	-			"	54
55	C-NL2B2_CBL		NONE	48908	150 3	A	30 3	0	GEN		SPD	56
57	"			-	"	B	"	-			"	58
59	"			-	"	C	"	-			"	60

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	91.86	255.0	* A-N	29995.7	249.8	CONNECTED	91.86
TOTAL DEMAND	54.29	150.7	* B-N	31255.7	260.3	DEMAND	54.29
TOTAL DESIGN	54.29	150.7	* C-N	30603.7	254.8	DESIGN	54.29

B

A

PANEL INDEX	
C-NP1D1	C-NP2A1
C-NP2B1	C-NP2B2

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

NAVFAC

STATE OF MARYLAND DAVID C. BECHTOL No. 15806 REGISTERED PROFESSIONAL ENGINEER 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GM
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 9

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066109
SHEET OF 0

E-709-V

1 2 3 4 5

PANEL: C-NP2C1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 250A MCB | CONTINUOUS(A): 400
LOCATION: RM 2C38 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 10000
FED FROM: XF C-NP2C1_BUS-S | VOLTAGE: 208/120 | FAULT CURRENT(A): 3497

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	ELEC RM 2C38		RECEPTACLES	180	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C37, 41, 72	2
3	FLUSH RM 2C36, 34		GENERAL LOAD	200	20 1	B	20 1	900	RECEPTACLES		OFF RM 2C37	4
5	CORR RM 2C99E		RECEPTACLES	360	20 1	C	20 1	720	RECEPTACLES		STOR RM 2C07, 39	6
7	CLASS RM 2C09		RECEPTACLES	1080	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C72	8
9	CLASS RM 2C09		RECEPTACLES	1264	20 1	B	20 1	900	RECEPTACLES		OFF RM 2C41	10
11	CLASS RM 2C09		RECEPTACLES	360	20 1	C	20 1	900	RECEPTACLES		OFF RM 2C71	12
13	CLASS RM 2C09		RECEPTACLES	360	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C70	14
15	CLASS RM 2C09		RECEPTACLES	360	20 1	B	20 1	900	RECEPTACLES		OFF RM 2C43, 70, 71	16
17	CLASS RM 2C09		RECEPTACLES	360	20 1	C	20 1	900	RECEPTACLES		OFF RM 2C43	18
19	CLASS RM 2C09		RECEPTACLES	360	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C45, 47, 69	20
21	CLASS RM 2C09		RECEPTACLES	1180	20 1	B	20 1	900	RECEPTACLES		OFF RM 2C69	22
23	CLASS RM 2C09		RECEPTACLES	720	20 1	C	20 1	900	RECEPTACLES		OFF RM 2C45	24
25	RM 2C09, 51		RECEPTACLES	1200	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C47	26
27	LAB RM 2C51		RECEPTACLES	900	20 1	B	20 1	1200	RECEPTACLES		OFF RM 2C49	28
29	LAB RM 2C51		RECEPTACLES	720	20 1	C	20 1	1080	RECEPTACLES		OFF RM 2C49	30
31	CUB RM 2C49A		RECEPTACLES	1200	20 1	A	20 1	900	RECEPTACLES		OFF RM 2C49	32
33	CUB RM 2C49E		RECEPTACLES	1200	20 1	B	20 1	920	RECEPTACLES		STOR RM 2C49P	34
35	CUB RM 2C49K, L, M		RECEPTACLES	1200	20 1	C	20 1	1670	RECEPTACLES		STOR RM 2C49P	36
37	OFF RM 2C49J, K, L		RECEPTACLES	1080	20 1	A	20 1	1450	RECEPTACLES		STOR RM 2C49P	38
39	OFF RM 2C49N		RECEPTACLES	800	20 1	B	20 1	600	RECEPTACLES		RECEPTION RM 2C42	40
41	RECEPT RM 2C49P		RECEPTACLES	720	20 1	C	20 1	720	RECEPTACLES		RECEPTION RM 2C42	42
43	CUB RM 2C49G		RECEPTACLES	720	20 1	A	20 1	1440	RECEPTACLES		RECEPTION RM 2C42	44
45	CUB RM 2C49G		RECEPTACLES	720	20 1	B	20 1	1670	RECEPTACLES		CORR RM 2C99E	46
47	CUB RM 2C49G		RECEPTACLES	1200	20 1	C	20 1	960	RECEPTACLES		CORR RM 2C99E	48
49	RM 2C50		RECEPTACLES	1200	20 1	A	20 1	0	SPARE		SPARE	50
51	RM 2C50		RECEPTACLES	1000	20 1	B	20 1	125	MOTOR 2		EF-2-3	52
53	RM 2C50		RECEPTACLES	900	20 1	C	20 1	125	MOTOR 2		EF-2-2	54
55	FCU RM 2C99E		MOTOR 2	3340	20 2	A	20 1	0	SPARE		SPARE	56
57	''			-	''	B	20 1	125	MOTOR 2		EF-3-1	58
59	FCU RM 2C13		MOTOR 2	3340	20 2	C	20 1	125	MOTOR 2		EF-3-5	60
61	''			-	''	A	20 1	0	SPARE		SPARE	62
63	FCU RM 2C79		MOTOR 2	2048	20 1	B	20 2	2664	MOTOR 2		FCU RM 2C13	64
65	''			0	20 1	C	''	-			''	66
67	SPARE		SPARE	0	20 1	A	30 3	0	GEN		SPD	68
69	SPARE		SPARE	0	20 1	B	''	-			''	70
71	SPARE		SPARE	0	20 1	C	''	-			''	72
73	SPACE		SPACE	0	0 1	A	20 1	0	SPARE		SPARE	74
75	SPACE		SPACE	0	0 1	B	20 1	0	SPARE		SPARE	76
77	SPACE		SPACE	0	0 1	C	20 1	0	SPARE		SPARE	78
79	C-NL2C1_CBL		NONE	51410	150 3	A	0 1	0	SPACE		SPACE	80
81	''			-	''	B	0 1	0	SPACE		SPACE	82
83	''			-	''	C	0 1	0	SPACE		SPACE	84

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	109.06	302.7	* A-N	37130.0	309.42	CONNECTED	109.06
TOTAL DEMAND	65.48	181.8	* B-N	36640.0	305.33	DEMAND	65.48
TOTAL DESIGN	65.48	181.8	* C-N	35286.0	294.05	DESIGN	65.48

1

PANEL: C-UD1D1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 100
LOCATION: RM 1D32 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 0
FED FROM: C-UPSD-1_BUS-O | VOLTAGE: 480/277 | FAULT CURRENT(A): 12341

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	2
3	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	4
5	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	6
7	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	8
9	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	10
11	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	12
13	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	14
15	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	16
17	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	18
19	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	20
21	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	22
23	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	24
25	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	26
27	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	28
29	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	XF C-UP1D1_CBL		NONE	21880	50 3	A	0 1	0	SPACE		SPACE	38
39	''			-	''	B	0 1	0	SPACE		SPACE	40
41	''			-	''	C	0 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	21.88	26.3	* A-N	7293.3	26.3	CONNECTED	21.88
TOTAL DEMAND	21.29	25.6	* B-N	7293.3	26.3	DEMAND	21.29
TOTAL DESIGN	21.29	25.6	* C-N	7293.3	26.3	DESIGN	21.29

PANEL: C-UP1A1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): MLO | CONTINUOUS(A): 100
LOCATION: RM 1A46 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 0
FED FROM: C-UP1D1 | VOLTAGE: 208/120 | FAULT CURRENT(A): 482

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	COMM RM 1A56		GENERAL LOAD	500	20 1	A	20 1	1000	RECEPTACLES		RECEPT RM 1A38A	2
3	RECEPT RM 1A38A		RECEPTACLES	1000	20 1	B	20 1	1000	RECEPTACLES		RECEPT RM 1A38A	4
5	DOOR RM 1A38D		GENERAL LOAD	500	20 1	C	20 1	500	RECEPTACLES		RECEPT RM 1A99B	6
7	DOOR RM 2A42		GENERAL LOAD	500	20 1	A	20 1	500	GENERAL LOAD		DOOR RM 2A99A	8
9	HEAT TRACE RM 1A58		HEATING 1	1500	20 2	B	20 1	0	SPARE		SPARE	10
11	''			-	''	C	20 1	0	SPARE		SPARE	12
13	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	14
15	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	16
17	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	18
19	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	20
21	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	22
23	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	24
25	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	26
27	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	28
29	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	38
39	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	40
41	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	7.00	19.4	* A-N	2500.0	20.8	CONNECTED	7.00
TOTAL DEMAND	7.00	19.4	* B-N	2750.0	22.9	DEMAND	7.00
TOTAL DESIGN	7.00	19.4	* C-N	1750.0	14.6	DESIGN	7.00

PANEL: C-UP1D1 | OC DEVICE TYPE: Breaker | ENCLOSURE: NEMA 1 | MAINS(A): 100A MCB | CONTINUOUS(A): 100
LOCATION: RM 1D32 | DEVICE FAMILY: Bolt On | MOUNTING: Surface | WIRING: 3-Phase 4-Wire | BUS SC RATING(A) 0
FED FROM: XF C-UP1D1_BUS-S | VOLTAGE: 208/120 | FAULT CURRENT(A): 1818

CKT	DESCRIPTION	NOTES	DEMAND CODE	VA	OC AMPS P	PHASE	OC AMPS P	VA	DEMAND CODE	NOTES	DESCRIPTION	CKT
1	MED ROOM RM. 1D30		RECEPTACLES	1000	20 1	A	20 1	1000	RECEPTACLES		MED ROOM RM. 1D30	2
3	MED ROOM RM. 1D30		RECEPTACLES	1000	20 1	B	20 1	1000	RECEPTACLES		MED ROOM RM. 1D30	4
5	COMM RM. 1D66		RECEPTACLES	500	20 1	C	20 1	1000	RECEPTACLES		MED ROOM RM. 1D30	6
7	MED ROOM RM. 1D29		RECEPTACLES	1000	20 1	A	20 1	500	RECEPTACLES		COMM RM. 1C09	8
9	PRK/LASIK RM. 1D27		GENERAL LOAD	3600	20 2	B	20 1	500	RECEPTACLES		CORR RM. 1B99H	10
11	''			-	''	C	30 2	3600	REC		PRK/LASIK RM. 1D27	12
13	COMM RM. 2B86		RECEPTACLES	180	20 1	A	''	-			''	14
15	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	16
17	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	18
19	SPACE		SPACE	0	0 1	A	30 3	0	GEN		SPD	20
21	SPACE		SPACE	0	0 1	B	''	-			''	22
23	SPACE		SPACE	0	0 1	C	''	-			''	24
25	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	26
27	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	28
29	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	30
31	SPACE		SPACE	0	0 1	A	0 1	0	SPACE		SPACE	32
33	SPACE		SPACE	0	0 1	B	0 1	0	SPACE		SPACE	34
35	SPACE		SPACE	0	0 1	C	0 1	0	SPACE		SPACE	36
37	C-UP1A1_CBL		NONE	7000	50 3	A	0 1	0	SPACE		SPACE	38
39	''			-	''	B	0 1	0	SPACE		SPACE	40
41	''			-	''	C	0 1	0	SPACE		SPACE	42

ALL CONNECTED	KVA	3P AVE AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	21.88	60.7	* A-N	7813.3	65.1	CONNECTED	21.88
TOTAL DEMAND	20.96	58.2	* B-N	6633.3	55.2	DEMAND	20.96
TOTAL DESIGN	20.96	58.2	* C-N	7433.3	61.9	DESIGN	20.96

SYM	DESCRIPTION	DATE
1	BID OPTION	11/04/15
	FINAL CORRECTED SET	03/26/14

STATE OF MARYLAND DAVID C. BECHTOL No. 15806 REGISTERED PROFESSIONAL ENGINEER 11/4/15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES KM | DRW KM | CHK GM
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
COMPONENT NAME
BASE - CITY, STATE
BETHESDA, MD
PROJECT STATION/INSTALLATION
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
ELECTRICAL - PANEL SCHEDULE SHEET 10

SCALE: 12" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066110
SHEET OF 0
E-710-V

PANEL INDEX	
C-NP2C1	C-UD1D1
C-UP1A1	C-UP1D1