ELECTRICAL SYMBOL LEGEND

(THIS IS A MASTER LEGEND, NOT ALL SYMBOLS MAY APPEAR ON DRAWING)

SYMBOL	DESCRIPTION
	SHEET NOTE
	REVISION NUMBER
	COVE/LOW VOLTAGE LIGHTING
	DECORATIVE LIGHT FIXTURE (OWNER FURNISHED AND CONTRACTOR INSTALLED)
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE WITH (1) LAMP ON EMERGENCY
	FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT OR INTEGRAL BATTERY BACK-UP
A	LETTER INDICATES LIGHT FIXTURE TYPE AS INDICATED ON FIXTURE SCHEDULE
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE
	DOWNLIGHT FIXTURE
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT OR INTEGRAL BATTERY BACK-UP
	WALL WASH/ACCENT LIGHT
	WALL MOUNTED FIXTURE
	EXIT LIGHT WITH DIRECTIONAL ARROWS AS INDICATED CEILING MOUNTED
	EXIT LIGHT WITH DIRECTIONAL ARROWS AS INDICATED WALL MOUNTED
	DOUBLE FACE EXIT LIGHT WITH DIRECTIONAL ARROWS AS INDICATED CEILING MOUNTED
S	SINGLE POLE SWITCH @ +48" UNLESS NOTED
SS	DUAL SWITCH @ +48" UNLESS NOTED
S_3	3-WAY POLE SWITCH @ +48" UNLESS NOTED
S_4	4-WAY POLE SWITCH @ +48" UNLESS NOTED
S_P	SWITCH WITH NEON PILOT LIGHT @ +48" UNLESS NOTED
S_L	BACKLIT SWITCH @ +48" UNLESS NOTED
S_D	DIMMER SWITCH – SOLID STATE TYPE @ +48" UNLESS NOTED
S_{2P}	2 POLE SWITCH
S_K	SWITCH – KEY OPERATED
S_M	SWITCH WITH MOTION SENSOR
S_{2M}	DUAL SWITCH WITH MOTION SENSOR

SYMBOL	DESCRIPTION
M	CEILING MOUNTED MOTION SENSOR
S_T	THERMAL OVERLOAD SWITCH
S_{TM}	SWITCH WITH DIGITAL TIMER
	SINGLE RECEPTACLE @ +18" UNLESS NOTED
	DUPLEX RECEPTACLE @ +18" UNLESS NOTED
	GFCI RECEPTACLE @ +48" UNLESS NOTED
	DOUBLE DUPLEX RECEPTACLE @ +18" UNLESS NOTED
	ISOLATED GROUND TYPE (ORANGE) DUPLEX RECEPTACLE @ +18" UNLESS NOTED
	SPECIAL RECEPTACLE @ +18" UNLESS NOTED
	CLOCK RECEPTACLE @ +90" UNLESS NOTED
	FLUSH FLOOR DUPLEX RECEPTACLE
Q	FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	DAYLIGHT SENSOR (INDOORS)
	DIMMING MODULE
	SWITCHING MODULE
	EMERGENCY TYPE (RED) DUPLEX RECEPTACLE @ +18" UNLESS NOTED
C	RECEPTACLE INSTALLED ABOVE COUNTER
	FLOOR BOX
	JUNCTION BOX
FS	JUNCTION BOX AND SWITCH WITH CONNECTION TO FIRE/SMOKE DAMPER. COORDINATE REQUIREMENTS WITH FIRE ALARM SYSTEM AND MECHANICAL CONTROL DIAGRAMS
V	JUNCTION BOX AND SWITCH WITH CONNECTION TO VARIABLE AIR VOLUME BOX. COORDINATE REQUIREMENTS WITH MECHANICAL CONTROL DIAGRAMS
DH	DOOR HARDWARE CONNECTION
HO	DOOR HOLD OPEN
	NON-FUSED DISCONNECT SWITCH – 30A, 3P, UNLESS NOTED OTHERWISE
	FUSED DISCONNECT SWITCH – 30A, 3P WITH 30A FUSES UNLESS NOTED OTHERWISE
	MAGNETIC MOTOR STARTER – FVNR, NEMA SIZE #1 (UNLESS NOTED OTHERWISE) WITH HOA, RED RUN PILOT LIGHT, CONTROL XFMR, SOLID STATE OVERLOADS, (2) NO AND (2) NC CONTACTS
TV	DUPLEX RECEPTACLE FOR TV. COORDINATE ROUGH-IN HEIGHT WITH MOUNTING BRACKET. B

SYMBOL	DESCRIPTION
	COMBINATION FUSED SWITCH AND STARTER AS NOTED ABOVE
	COMBINATION NON-FUSED SWITCH AND STARTER AS NOTED ABOVE
	RELAY
	CONTACTOR
	POWER SUPPLY
	TIMESWITCH
	PUSHBUTTON TYPE CONTROL STATION
	DOORBELL – CEILING MOUNTED
	CIRCUIT BREAKER
	SURFACE MOUNTED PANELBOARD
	FLUSH MOUNTED PANELBOARD
	MAIN SWITCHBOARD, MOTOR CONTROL CENTER OR DISTRIBUTION BOARD
	CONCRETE PULLBOX WITH HEAVY DUTY STEEL TRAFFIC COVER
T	TRANSFORMER
	HOMERUN CONDUIT – STROKES INDICATE QUANTITY OF CONDUCTORS
	CONDUIT AND/OR WIRE CONCEALED IN WALL OR ABOVE CEILING EXCEPT IN EXPOSED STRUCTURE AREAS
	CONDUIT AND/OR WIRE BELOW FLOOR OR GRADE
	EXISTING CONDUIT AND/OR WIRE TO BE REMOVED
	EXISTING CONDUIT AND/OR WIRE TO REMAIN (SHOWN LIGHT LINEWEIGHT)
	CONDUIT STUB-OUT
	CONDUIT AND/OR WIRE RISER UP/RISER DOWN
	CIRCUITING – STROKE WITH DOT INDICATES ISOLATED GROUND CONDUCTOR
	1/2"–2 #12 & 1 #12 GRND THWN UNLESS NOTED
	1/2"–3 #12 & 1 #12 GRND THWN UNLESS NOTED
	1/2"–4 #12 & 1 #12 GRND THWN UNLESS NOTED
	1/2"–5 #12 & 1 #12 GRND THWN UNLESS NOTED
	3/4"–6 #10 & 1 #10 GRND THWN UNLESS NOTED
	3/4"–7 #10 & 1 #10 GRND THWN UNLESS NOTED
	3/4"–8 #10 & 1 #10 GRND THWN UNLESS NOTED
	DIVISION 23 EQUIPMENT – SEE HVAC AND PLUMBING DRAWINGS

PLAN / SHEET — PLAN / SHEET — MECHANICAL EQUIPMENT TYPE / MECHANICAL EQUIPMENT NUMBER / E = EXISTING

ELECTRICAL ABBREVIATION LIST

(THIS IS A MASTER LIST. NOT ALL ABBREVIATIONS MAY APPEAR ON DRAWINGS.)

+18"	MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE ABOVE FINISH FLOOR OR FINISH GRADE
A	AMPERE
AFF	ABOVE FINISH FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT WITH PULL-LINE ONLY
CEC	CALIFORNIA ELECTRICAL CODE
DB	DISTRIBUTION BOARD
DC	DIRECT CURRENT
DN	DOWN
E	EXISTING
EC	ELECTRICAL CONTRACTOR
FLA	FULL LOAD AMPS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GRND	GROUND
HOA	HAND OFF AUTO
HZ	HERTZ
IBC	INTERNATIONAL BUILDING CODE
KW	KILOWATT
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPS
MCC	MOTOR CONTROL CENTER
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
MTD	MOUNTED
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NRTL	NATIONALLY RECOGNIZED TESTING LABORATORY
NTS	NOT TO SCALE
NVE	NEVADA ENERGY
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
PH(ø)	PHASE
PNL	PANEL
S/N	SOLID NEUTRAL
SNEC	SOUTHERN NEVADA ELECTRICAL CODE AMENDMENTS
SQFT	SQUARE FEET
SWBD	SWITCHBOARD
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SYSTEM
V	VOLT
VA	VOLT-AMP
VAV	VARIABLE AIR VOLUME
W	WATT
WP	WEATHER-PROOF (NEMA 3R)
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

SHEET INDEX

ISSUE: 01-25-2013 OWNER'S REVIEW COMMENTS; 08-06-2012 100% CD

01-25-2013 OWNER'S REVIEW COMMENTS	08-06-2012 100% CD	SHEET NUMBER	SHEET DESCRIPTION
•	•	E-001	SYMBOL LIST AND SHEET INDEX
•	•	ED-1003F	PARTIAL DEMO POWER PLAN LEVEL 3 – AREA F
	•	ED-1103F	PARTIAL DEMO LIGHTING PLAN LEVEL 3 – AREA F
•	•	EP-1003F	PARTIAL POWER PLAN LEVEL 3 – AREA F
•	•	EL-1103F	PARTIAL LIGHTING PLAN LEVEL 3 – AREA F
•	•	E-601	PANEL SCHEDULES

2009 IECC Lighting Compliance Calculations

Interior Lighting Power Allowance

Rm Number	Space Description Addit. Footnt.	Allowance W/ft2	X	Net Area Of Room Or Space	=	Total Watts Allowance
1	HOSPITAL	1.2	X	9760	=	11712
2	–	–	X	–	=	–
3	–	–	X	–	=	–
4	–	–	X	–	=	–
5	–	–	X	–	=	–

Total Wattage Allowance: 11712

Actual Lighting Power Calculation

Fixt ID	Fixture Description Lamp Description	W/lamp	Ballast Type	Lamps /fixture	No. of Fixtures	X	Fixture watts	=	Total watts/type
1	A2	24	ELECT	3	2	X	72	=	144
2	A3	28	ELECT	2	11	X	56	=	616
3	A4	40	ELECT	2	22	X	80	=	1760
4	A5	40	ELECT	2	46	X	80	=	3680
5	A6	28	ELECT	3	3	X	84	=	252
6	B1	32	ELECT	1	12	X	32	=	384
7	B2	32	ELECT	1	27	X	32	=	864
8	B3	32	DIM	1	16	X	32	=	512
9	C	28	ELECT	2	2	X	56	=	112
10	D	24	ELECT	1	12	X	34	=	288

Total Watts: 8612

Compliance Calculation:

Line A Total Wattage Allowance = 11712 Watts
Line B Total Actual Watts = 8612 Watts

Line C Project Complies by = 3100 Watts

Percent Compliance: $\frac{\text{Line C}}{\text{Line A}} = \frac{3100}{11712} = 0.265$

Lighting PASSES: Design 26.5% better than code

* A1 TYPE FIXTURES ARE EXEMPT PER IECC EXCEPTION #11 OF SECTION 505.5.1

FIXTURE SCHEDULE

FIXT. TYPE	MANUFACTURER (OR EQUIVALENT) NAME	CATALOG NUMBER	VOLT AMPS	MOUNTING	LAMP TYPE	REMARKS	VOLT
A1	NEO-RAY	7-248R-3T5HO-ETG-2E-BDU	162	RECESSED	3-54WT5HO	2'X4' FLUORESCENT TROFFER WITH MATTE WHITE NON-REFLECTIVE LENS. PROVIDE WITH DUAL PROGRAM RAPID START BALLASTS.	277
A2	NEO-RAY	7-224R-3T5HO-ETG-2E-BDU	72	RECESSED	3-24WT5HO	2'X2' FLUORESCENT TROFFER WITH MATTE WHITE NON-REFLECTIVE LENS. PROVIDE WITH DUAL PROGRAM RAPID START BALLASTS.	277
A3	LITHONIA	2AV-G-228T5-SBL-ALG-GEB10RS	56	RECESSED	2-28WT5	2'x4' DIRECT/INDIRECT FLUORESCENT TROFFER WITH CURVED METAL PERFORATED DIFFUSER AND PARALLEL STRAIGHT BLADE LOUVER. PROVIDE WITH SINGLE PROGRAM RAPID START BALLAST.	277
A4	LITHONIA	2AV-G-3CF40-SBL-ALG-GEB10RS	80	RECESSED	2-40WTT5	2'X2' DIRECT/INDIRECT FLUORESCENT TROFFER WITH CURVED METAL PERFORATED DIFFUSER AND PARALLEL STRAIGHT BLADE LOUVERS. PROVIDE WITH SINGLE PROGRAM RAPID START BALLAST.	277
A5	LITHONIA	2AV-G-2CF40-MDR-ALG-GEB10RS	80	RECESSED	2-40WTT5	2'X2' DIRECT/INDIRECT FLUORESCENT TROFFER WITH CURVED METAL PERFORATED DIFFUSER. PROVIDE WITH SINGLE PROGRAM RAPID START BALLAST.	277
A6	LITHONIA	2SP-G-328T5-FW-A12125-GEB10RS	84	RECESSED	3-28WT5	2'X4' FLUORESCENT TROFFER	277
B1	LIGHTOLIER	8091D-CCD-56132BU	32	RECESSED	1-32WTRT	6" APERTURE DOWNLIGHT WITH WHITE OPAL ACRYLIC LENS.	277
B2	GOTHAM	AF-1/32TRT-6AR-LD	32	RECESSED	1-32WTRT	6" APERTURE DOWNLIGHT WITH OPEN REFLECTOR	277
B3	GOTHAM	AFW-1/32TRT-6AR-LD	32	RECESSED	1-32WTRT	6" APERTURE DOWNLIGHT WITH OPEN REFLECTOR. PROVIDE WITH DIMMABLE BALLAST.	277
C	LITHONIA	L-228WT5-GEB10RS	56	SURFACE	2-28WT5	4'-0" STRIP FIXTURE WITH WIREGUARD.	277
D	ALKO LIGHTING	TAB-AS4-BA-LS	24	WALL MOUNTED @ +7'-6"	1-24WT5HO	2'-0" VANITY FIXTURE.	277
⊗	ISOLITE	ELT-AC-G-2M-BA-RC-XX	1	CEILING/WALL	LED	EDGE-LIT LED EXIT SIGN. FACES AND ARROWS PER PLANS.	277

NOTICE: FIXTURE MANUFACTURER AND CATALOG NUMBERS ARE REFLECTIVE OF EXISTING FIXTURE TYPES INSTALLED IN HOSPITAL. CONTRACTOR SHALL RE-USE EXISTING FIXTURES BASED ON ACCEPTANCE OF FIXTURE CONDITION BY RESIDENT ENGINEER. ADDITIONAL FIXTURES TO MEET QUANTITIES REQUIRED SHALL BE PROVIDED TO MATCH EXISTING FIXTURES. ALTERNATE EQUIVALENT FIXTURES MATCHING BALLAST, LAMPING AND APPEARANCE SHALL BE ACCEPTABLE.

PANEL KEY

1-ECH-1E

- UNIT SUBSTATION SERVED FROM
- LEVEL
- VOLTAGE
- PANEL ESSENTIAL DISTRIBUTION TYPE
- PANEL NUMBER

VOLTAGE
L: 208Y/120V
H: 480Y/277V

ESSENTIAL DISTRIBUTION TYPE
(BLANK) NORMAL/NON-ESSENTIAL
EL: LIFE SAFETY BRANCH
EC: CRITICAL BRANCH
ECU: CRITICAL BRANCH (TR/FACILITIES)
EE: EQUIMENT BRANCH

100% CONSTRUCTION DOCUMENTS SUBMISSION

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50% CONSTRUCTION DOCUMENTS	07/13/2012
100% CONSTRUCTION DOCUMENTS	08/10/2012
B OWNER'S REVIEW COMMENTS	JAN. 25, 2013

CONSULTANTS:

CIVIL: n/a
MEP: JBA Consulting Engineers, 5155 Patrick Lane, Las Vegas, NV 89118
LIFE SAFETY: LaSalle Engineering, LLC, 1000 York Road, Willow Grove, PA 19090
MEDICAL EQUIP. PLANNING: n/a
STRUCTURAL: n/a
FOOD SERVICE: n/a
GEOTECHNICAL: n/a
TELECOM/SECURITY: RTKL Special Systems Group, 1250 Connecticut Ave., NW, Washington, DC 20036
VERTICAL TRANSPORTATION: n/a
MATERIALS MANAGEMENT: n/a

KEY PLAN

ARCHITECT/ENGINEERS:

RTKL | JMA ARCHITECTURE STUDIOS — A Joint Venture

N TRUE

Drawing Title: SYMBOL LIST AND SHEET INDEX
Scale: N.T.S.
Approved: Project Director

Project Title: New VA Medical Center Women's Health Center
Location: North Las Vegas, NV
Date | Checked: RRJ | Drawn: SB

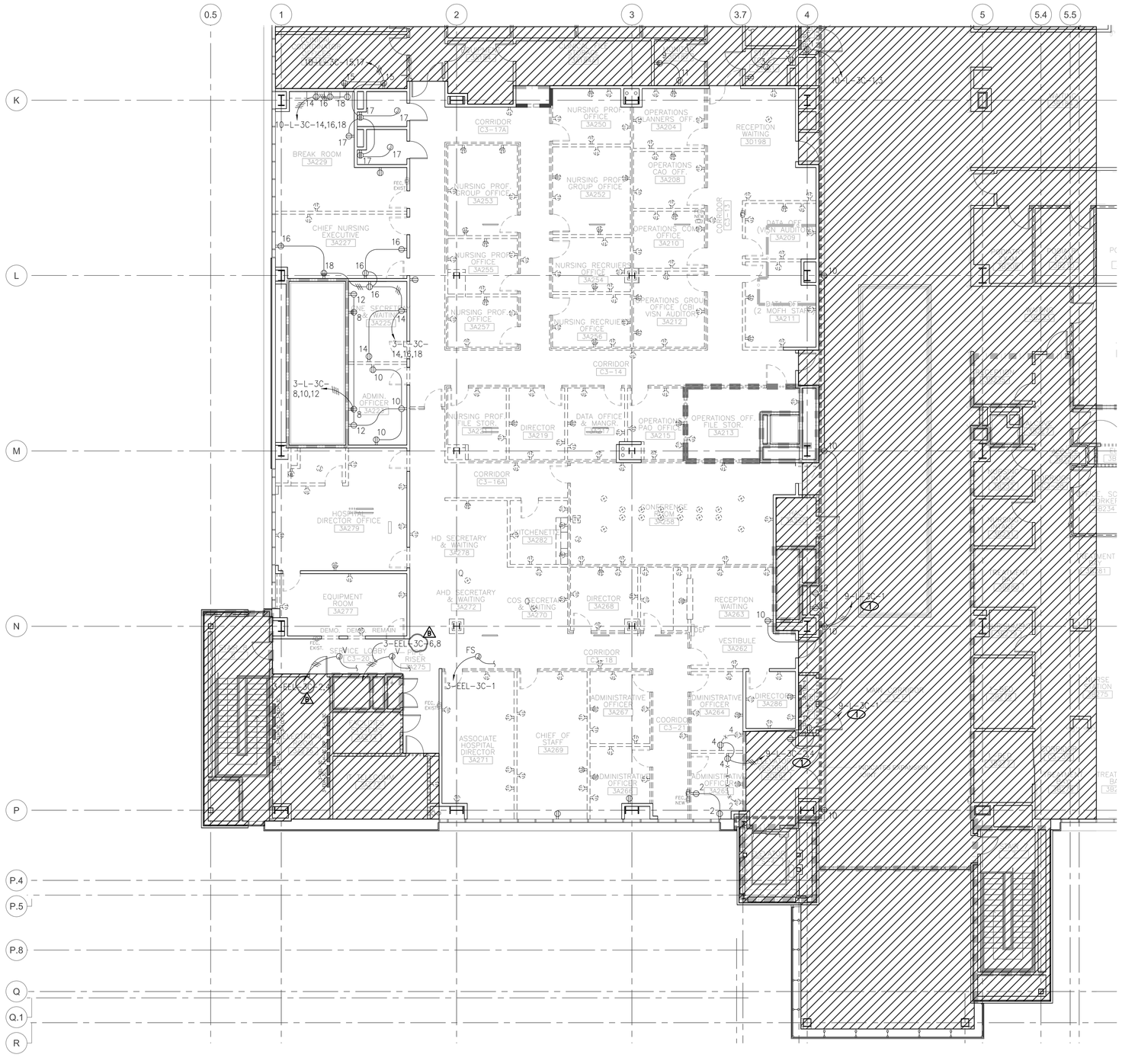
Project Number: 593-202
Building Number: -
Drawing Number: E-001
Dwg. of

11.0884

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



NOTICE

1. EXISTING SHOWN LIGHT AND DEMO SHOWN LIGHT-DASHED.
2. COORDINATE DEMOLITION SCOPE WITH ARCHITECTURAL DRAWINGS AND OTHER DISCIPLINES.

NOTES

1 MAINTAIN EXISTING CIRCUIT FOR EXISTING DEVICES TO REMAIN. FIELD VERIFY. A

1 PARTIAL DEMO POWER PLAN LEVEL 3 - AREA F

1/8"=1'-0"

100% CONSTRUCTION DOCUMENTS SUBMISSION

100% DESIGN DEVELOPMENT	06/08/2012
50% CONSTRUCTION DOCUMENTS	07/13/2012
100% CONSTRUCTION DOCUMENTS	08/10/2012
A OWNER'S REVIEW COMMENTS	JAN. 25, 2013
Revisions:	**Date**

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VERTICAL TRANSPORTATION: n/a
MATERIALS MANAGEMENT: n/a

KEY PLAN

Area F

ARCHITECT/ENGINEERS:

RTKL
JMA ARCHITECTURE STUDIOS
A Joint Venture

N TRUE

Drawing Title: PARTIAL DEMO POWER PLAN LEVEL 3 - AREA F
Scale: 1/8"=1'-0"
Approved: Project Director

Project Title: New VA Medical Center Women's Health Center
Location: North Las Vegas, NV
Date | Checked: RRJ | Drawn: SB

Project Number: 593-202
Building Number: -
Drawing Number: ED-1003F
Dwg. of

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Office of Facilities Management
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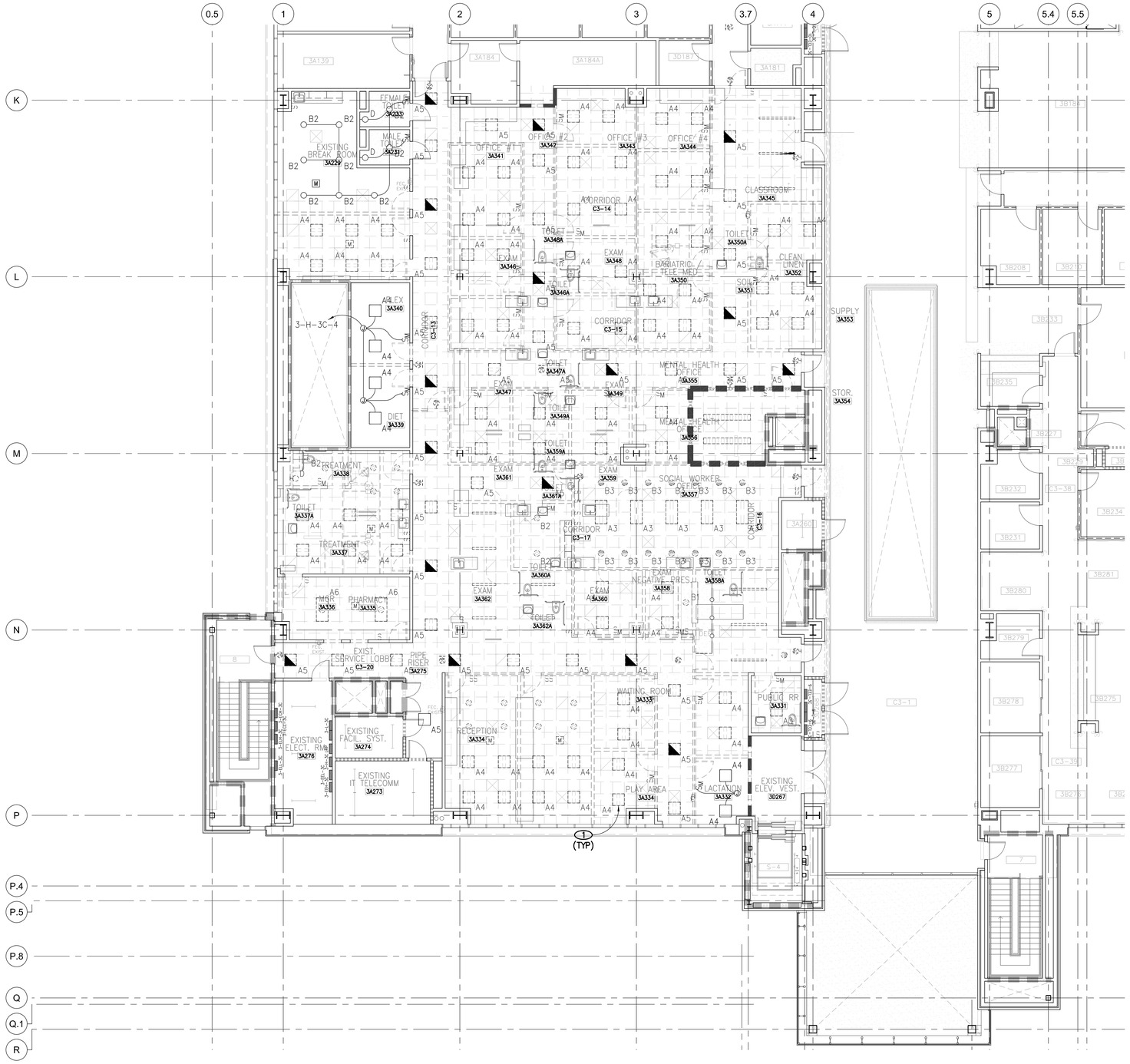
VA FORM 08-6231, OCT 1978



NOTICE

1. EXISTING SHOWN LIGHT AND DEMO SHOWN LIGHT-DASHED.
2. ALL FIXTURES REMOVED THAT ARE NOT RE-USED SHALL BE RETURNED TO THE VA RESIDENT ENGINEER.

NOTES

(1) FIXTURES REMOVED SHALL BE RE-USED AS REQUIRED. REFER TO SHEET EL-1103F FOR QUANTITIES OF EACH FIXTURE TYPE TO BE RE-USED. ALL RE-INSTALLED FIXTURES SHALL BE CLEANED AND RELAMPED. ANY DAMAGED FIXTURES SHALL BE REPLACED WITH NEW EQUIVALENT FIXTURE WHEN RE-INSTALLED.

1 PARTIAL DEMO LIGHTING PLAN LEVEL 3 - AREA F

1/8"=1'-0"

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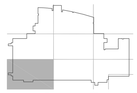
VERTICAL TRANSPORTATION: n/a
MATERIALS MANAGEMENT: n/a

KEY PLAN



ARCHITECT/ENGINEERS:

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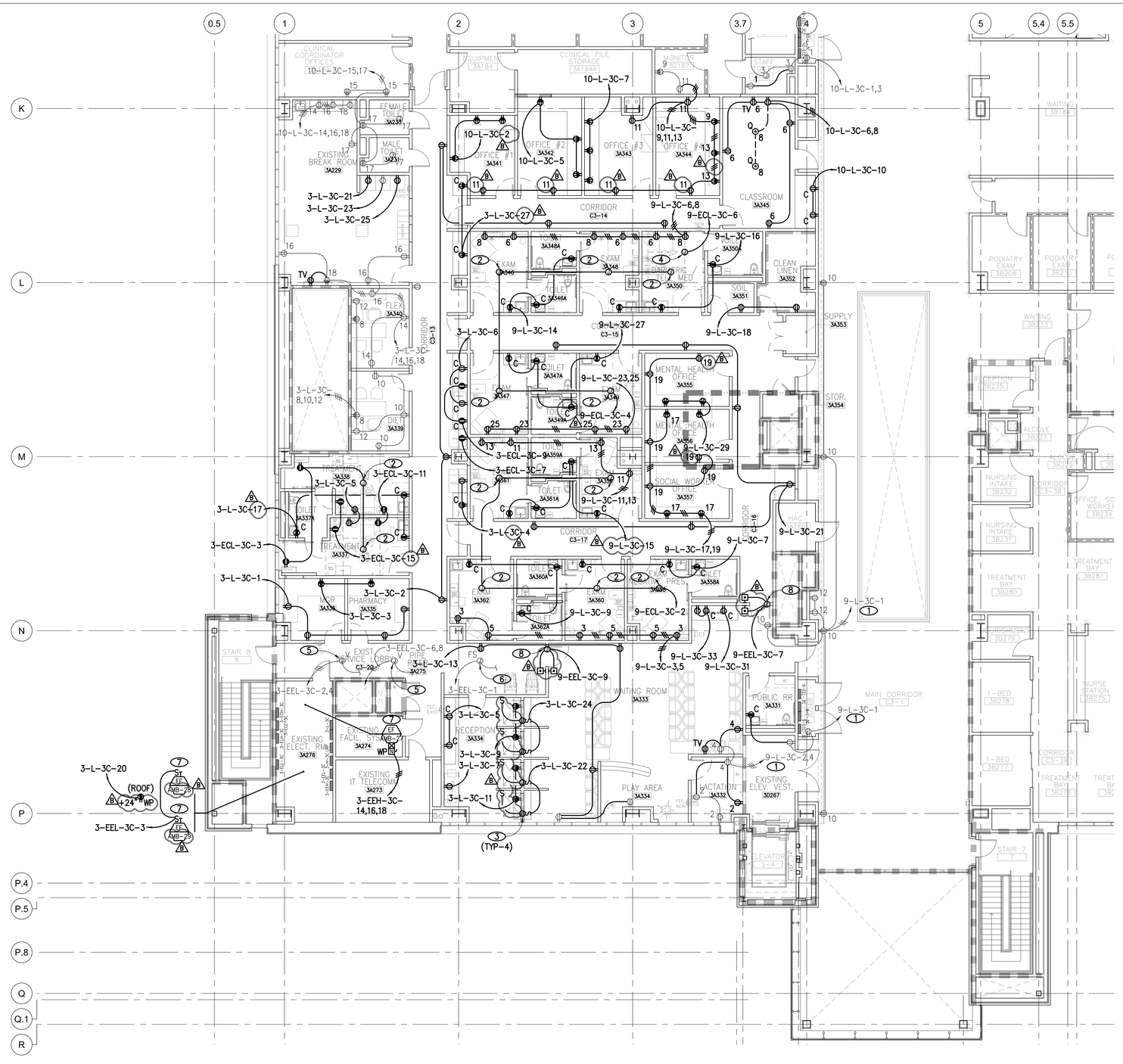

NOTICE

1. EXISTING SHOWN LIGHT AND NEW SHOWN BOLD.
2. PROVIDE REDUNDANT GROUNDING OF ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS PER SPECIFICATIONS AND NEC 517.13(A) & (B). EQUIPMENT GROUNDING CONDUCTORS SHALL COMPLY WITH NEC 250.118.
3. PROVIDE TAMPER PROOF RECEPTACLES IN ALL WAITING AREAS PER SPECIFICATIONS.

NOTES

1. MAINTAIN EXISTING CIRCUIT FOR EXISTING DEVICES TO REMAIN. FIELD VERIFY.
2. 120V CONNECTION TO EXAM LIGHT. COORDINATE CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED.
3. 120V CONNECTION TO MOTORIZED ROLL-UP SHUTTER. COORDINATE ROUGH-IN AND CONNECTION REQUIREMENTS WITH MANUFACTURERS.
4. 120V CONNECTION TO CEILING MOUNTED BARIATRIC LIFT UNIT. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.
5. REFER TO MECHANICAL DRAWINGS FOR RELOCATED/NEW VAV BOXES. PROVIDE CONDUIT, BOXES, WIRE, ETC. AS REQUIRED TO EXTEND CIRCUITS TO RELOCATED/NEW VAV BOXES.
6. REFER TO MECHANICAL DRAWINGS FOR RELOCATED/NEW FIRE/SMOKE DAMPERS. PROVIDE CONDUIT, BOXES, WIRE, ETC. AS REQUIRED TO EXTEND CIRCUITS TO RELOCATED/NEW FIRE/SMOKE DAMPERS.
7. EQUIPMENT LOCATED ON ROOF. STARTER/DISCONNECT SUPPLIED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
8. 120V CONNECTION TO AUTOMATIC DOOR OPERATOR. COORDINATE PUSHBUTTON/CONTROL INTERFACE WITH ARCHITECT AND SECURITY.

1 PARTIAL POWER PLAN LEVEL 3 - AREA F

1/8"=1'-0"

100% CONSTRUCTION DOCUMENTS SUBMISSION

100% DESIGN DEVELOPMENT	06/08/2012
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VERTICAL TRANSPORTATION: n/a
MATERIALS MANAGEMENT: n/a

KEY PLAN

Area F

ARCHITECT/ENGINEERS:

RTKL + JMA ARCHITECTURE STUDIOS
A Joint Venture

N TRUE

Drawing Title: PARTIAL POWER PLAN LEVEL 3 - AREA F
Scale: 1/8"=1'-0"
Approved: Project Director

Project Title: New VA Medical Center Women's Health Center
Location: North Las Vegas, NV
Date | Checked: RRJ | Drawn: SB

Project Number: 593-202
Building Number: -
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Office of Facilities Management
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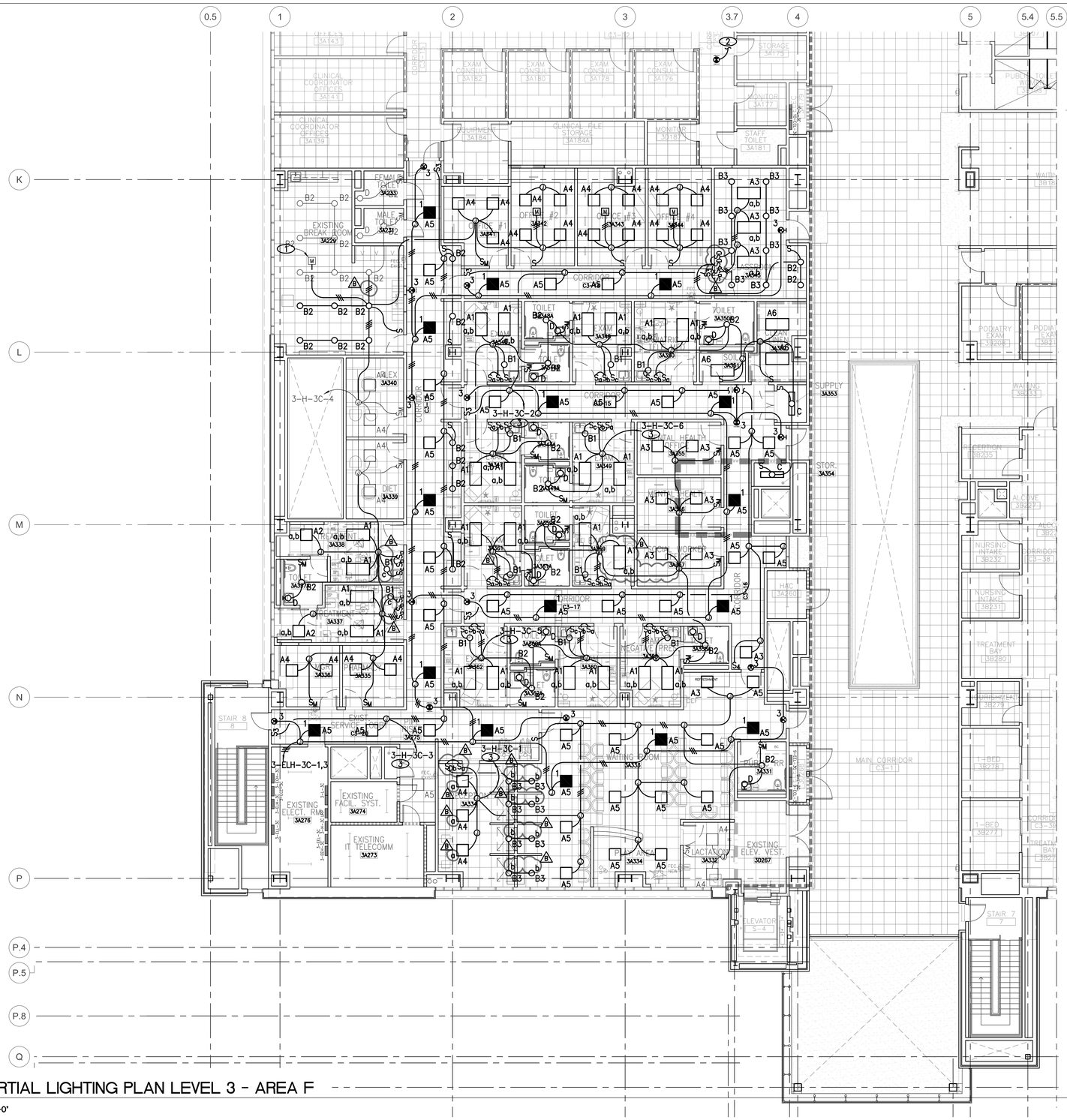

1 PARTIAL LIGHTING PLAN LEVEL 3 - AREA F

1/8"=1'-0"

NOTICE

1. EXISTING SHOWN LIGHT AND NEW SHOWN BOLD.
2. COORDINATE DEMOLITION SCOPE WITH ARCHITECTURAL DRAWINGS.

NOTES

1. ADJUST EXISTING OCCUPANCY SENSOR LOCATION PER SPECIFCATIONS.
2. CONNECT TO EXISTING EXIT SIGN CIRCUIT IN THIS AREA.
3. ROUTE CIRCUITS VIA EXISTING LUTRON LIGHTING RELAY PANEL. FIELD VERIFY EXISTING RELAY CIRCUITS FOR SPACE.

100% CONSTRUCTION DOCUMENTS SUBMISSION

100% DESIGN DEVELOPMENT	06/08/2012
50% CONSTRUCTION DOCUMENTS	07/13/2012
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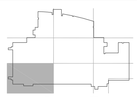

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RTKL
JMA ARCHITECTURE STUDIOS
A Joint Venture

N TRUE

Drawing Title: PARTIAL LIGHTING PLAN LEVEL 3 - AREA F
Scale: 1/8"=1'-0"
Approved: Project Director

Project Title: New VA Medical Center Women's Health Center
Location: North Las Vegas, NV
Date | Checked: RRJ | Drawn: SB

Project Number: 593-202
Building Number: -
Drawing Number: EL-1103F
Dwg. of

11.0884

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

EXISTING — PANEL: 3-H-3C

VOLTAGE: 480 / 277 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 225A — DATE: 8/6/12 4:20 PM — MAINS: L.O. — LOCATION: ELECT. RM 3A276 — JOB: 11.0884 — AIC RATING: 14,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	20	1	RECEPTION/WAIT LTS	1	1720			800			1	CORRIDOR LTS	20	1	L	2
3	L	20	1	CORRIDOR LTS	1		752			3560		1	OFFICE/TREATMENT LTS	20	1	L	4
5	L	20	1	EXAM RM LTS	1			2704			2360	1	EXAM RM LTS	20	1	L	6
7	L	20	1	EXISTING LOAD		232			1240				EXISTING LOAD	20	1	L	8
9		20	1	SPARE			–			1085			EXISTING LOAD	20	1	L	10
11		20	1	SPARE				–			875		EXISTING LOAD	20	1	L	12
13		20	1	SPARE		–			–				SPARE	20	1		14
15		20	1	SPARE			–			–			SPARE	20	1		16
17		20	1	SPARE				–			–		SPARE	20	1		18
19		20	1	SPARE		–			–				SPARE	20	1		20
21		20	1	SPARE			–			–			SPARE	20	1		22
23		20	1	SPARE				–			–		SPARE	20	1		24
25		20	1	SPARE		–			–				SPARE	20	1		26
27		20	1	SPARE			–			–			SPARE	20	1		28
29		20	1	SPARE				–			–		SPARE	20	1		30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 3992 — ØB: 5397 — ØC: 5939

PANEL NOTES:
1. UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = 2.6 KVA

TOTAL CONNECTED VA	15328
CONNECTED VA (CODE N)	0
CONNECTED VA (CODE L)	15328
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	15.3
PANEL DEMAND KVA	19.2
PANEL DEMAND AMPS	23.0
HIGH Ø AMPS w/ DEMAND	26.8

EXISTING — PANEL: 3-EEH-3C

VOLTAGE: 480 / 277 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 8/6/12 4:21 PM — MAINS: L.O. — LOCATION: ELECT RM 3A276 — JOB: 11.0884 — AIC RATING: 14,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	N	20		EXISTING LOAD		3660			3656				EXISTING LOAD	20	1	N	2
3	N			---			3660			3656			---	20	1	N	4
5	N		3	---				3660			3656		---	20	1	N	6
7	N	15		EXISTING LOAD		280			–				SPARE	20	1		8
9	N			---			280			–			SPARE	20	1		10
11	N		3	---				280			–		SPARE	20	1		12
13		20	1	SPARE		–			585			1	EF-AMB-27	15		N	14
15		20	1	SPARE			–			585			---			N	16
17		20	1	SPARE				–			585		---		3	N	18
19				SPACE		–			–				SPACE				20
21				SPACE			–			–			SPACE				22
23				SPACE				–			–		SPACE				24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 8181 — ØB: 8181 — ØC: 8181

PANEL NOTES:
1. PROVIDE & INSTALL CIRCUIT BREAKER AS INDICATED IN EXISTING SPACE. MATCH EXISTING MANUFACTURER & STYLE.

NET LOAD CHANGE = 1.8KVA

TOTAL CONNECTED VA	24543
CONNECTED VA (CODE N)	24543
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	24.5
PANEL DEMAND KVA	24.5
PANEL DEMAND AMPS	29.5
HIGH Ø AMPS w/ DEMAND	29.5

EXISTING — PANEL: 3-ELH-3C

VOLTAGE: 480 / 277 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 8/6/12 2:14 PM — MAINS: L.O. — LOCATION: ELECT RM 3A276 — JOB: 11.0884 — AIC RATING: 14,000 — MOUNTING: — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	20	1	EGRESS LIGHTS	1	1280			–				SPARE	20	1		2
3	L	20	1	EXIT SIGNS	1		100			1610			EXISTING LOAD	20	1	L	4
5	L	20	1	EXISTING LOAD				910			–		SPARE	20	1		6
7		20	1	SPARE		–			–				SPARE	20	1		8
9		20	1	SPARE			–			–			SPARE	20	1		10
11		20	1	SPARE				–			–		SPARE	20	1		12
13				SPACE		–			–				SPACE				14
15				SPACE			–			–			SPACE				16
17				SPACE				–			–		SPACE				18
19				SPACE		–			980				(E)T-3ELL3C	30			20
21				SPACE			–			600			---				22
23				SPACE				–			480		---		3		24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 2260 — ØB: 2310 — ØC: 1390

PANEL NOTES:
1. UTLIZE EXISTING SPACE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = (-0.5)KVA

TOTAL CONNECTED VA	5960
CONNECTED VA (CODE N)	2060
CONNECTED VA (CODE L)	3900
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	6.0
PANEL DEMAND KVA	6.9
PANEL DEMAND AMPS	8.3
HIGH Ø AMPS w/ DEMAND	9.9

EXISTING — PANEL: 3-L-3C(SEC 1)

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 225A — DATE: 8/6/12 4:22 PM — MAINS: L.O. — LOCATION: ELECT RM 3A276 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	RECEPTS - OFFICE	1	720			900			1	RECEPTS - CONV	20	1	R	2
3	R	20	1	RECEPTS - OFFICE	1		720			540		1	RECEPTS - WORKSTATION	20	1	R	4
5	R	20	1	RECEPTS - RECEPTION	1			360			360	1	RECEPTS - MEDS	20	1	R	6
7	N	20	1	COPIER	1	1000			720				EXISTING LOAD	20	1	R	8
9	R	20	1	RECEPTS - RECEPTION	1		720			540			EXISTING LOAD	20	1	R	10
11	R	20	1	RECEPTS - RECEPTION	1			720			360		EXISTING LOAD	20	1	R	12
13	R	20	1	RECEPTS - CONV	1	900			360				EXISTING LOAD	20	1	R	14
15	R	20	1	RECEPTS - TREATMENT RM	1		360			720			EXISTING LOAD	20	1	R	16
17	R	20	1	RECEPTS - TREATMENT RM	1			540			360		EXISTING LOAD	20	1	R	18
19	R	20	1	EXISTING LOAD		540			180			1	ROOF REC.	20	1	R	20
21	N	20	1	VENDING	1		1000			600		1	ROLLUP WINDOW	20	1	N	22
23	N	20	1	VENDING	1			1000			600	1	ROLLUP WINDOW	20	1	N	24
25	N	20	1	VENDING	1	1000			–				SPARE	20	1		26
27	R	20	1	RECEPTS - WORKSTATION	1		720			–			SPARE	20	1		28
29		20	1	SPARE				–			–		SPARE	20	1		30
31		20	1	SPARE		–			–				SPARE	20	1		32
33				SPACE			–			–			SPARE	20	1		34
35				SPACE				–			–		SPARE	20	1		36
37				SPACE		–			–				SPACE				38
39				SPACE			–			–			SPACE				40
41				SPACE				–			–		SPACE				42

PHASE TOTALS: ØA: 6320 — ØB: 5920 — ØC: 4300

PANEL NOTES:
1) UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = (-2.0)KVA

TOTAL CONNECTED VA	16540
CONNECTED VA (CODE N)	5200
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	11340
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	16.5
PANEL DEMAND KVA	15.9
PANEL DEMAND AMPS	44.1
HIGH Ø AMPS w/ DEMAND	48.5

EXISTING — PANEL: 9-L-3C(SEC 1)

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 225A — DATE: 1/16/13 3:30 PM — MAINS: L.O. — LOCATION: ELECT RM 3D268 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	EXISTING LOAD	1	360			540			1	RECEPTS	20	1	R	2
3	R	20	1	RECEPTS - CPU	1		540			540		1	RECEPTS	20	1	R	4
5	R	20	1	RECEPTS - OTO	1			540			540	1	RECEPTS - CPU	20	1	R	6
7	R	20	1	RECEPTS - CONV	1	540			540			1	RECEPTS - OTO	20	1	R	8
9	R	20	1	RECEPTS - CONV	1		540			900			EXISTING LOAD	20	1	R	10
11	R	20	1	RECEPTS - CPU	1			360			900		EXISTING LOAD	20	1	N	12
13	R	20	1	RECEPTS - OTO	1	360			540			1	RECEPTS - CONV	20	1	R	14
15	R	20	1	RECEPTS - CONV	1		720			540		1	RECEPTS - CONV	20	1	R	16
17	R	20	1	RECEPTS - OFFICE	1			1080			360	1	RECEPTS - SOIL/CLEAN LINEN	20	1	R	18
19	R	20	1	RECEPTS - OFFICE	1	1080			–				SPARE	20	1		20
21	R	20	1	RECEPTS - CONV	1		1080			–			SPARE	20	1		22
23	R	20	1	RECEPTS - CPU	1			360			–		SPARE	20	1		24
25	R	20	1	RECEPTS - OTO	1	360			1500				EXISTING LOAD	20	1	R	26
27	R	20	1	RECEPTS - CONV	1		720			540			EXISTING LOAD	20	1	R	28
29	R	20	1	RECEPTS - OFFICE	1			1080			720		EXISTING LOAD	20	1	R	30
31	R	20	1	REFRESHMENTS REC	1	180			–				SPARE	20	1		32
33	R	20	1	REFRESHMENTS REC	1		360			–			SPARE	20	1		34
35		20	1	SPARE				–			–		SPARE	20	1		36
37		20	1	SPARE		–			–				SPARE	20	1		38
39		20	1	SPARE			–			–			SPARE	20	1		40
41		20	1	SPARE				–			–		SPARE	20	1		42

PHASE TOTALS: ØA: 6000 — ØB: 6480 — ØC: 5940

PANEL NOTES:
1) UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = (-8)KVA

TOTAL CONNECTED VA	18420
CONNECTED VA (CODE N)	900
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	17520
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	18.4
PANEL DEMAND KVA	14.7
PANEL DEMAND AMPS	40.7
HIGH Ø AMPS w/ DEMAND	42.4

EXISTING — PANEL: 10-L-3C

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 225A — DATE: 1/16/13 3:31 PM — MAINS: L.O. — LOCATION: ELECT RM 3A179 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	EXISTING LOAD		1080			1080			1	RECEPTS - OFFICE	20	1	R	2
3	R	20	1	EXISTING LOAD			1100			–			SPARE	20	1		4
5	R	20	1	RECEPTS - OFFICE	1			1080			720	1	RECEPTS - CONF RM	20	1	R	6
7	R	20	1	RECEPTS - OFFICE	1	1080			720			1	RECEPTS - CONF RM	20	1	R	8
9	R	20	1	RECEPTS - OFFICE	1		720			360		1	RECEPTS - CONF RM	20	1	R	10
11	R	20	1	RECEPTS - OFFICE	1			1440			–		SPARE	20	1		12
13	R	20	1	RECEPTS - OFFICE	1	720			1200				EXISTING LOAD	20	1	N	14
15	R	20	1	EXISTING LOAD			720			1000			EXISTING LOAD	20	1	N	16
17	N	20	1	EXISTING LOAD				940			1000		EXISTING LOAD	20	1	N	18
19	R	20	1	EXISTING LOAD		1080			900				EXISTING LOAD	20	1	R	20
21	R	20	1	EXISTING LOAD			1080			1080			EXISTING LOAD	20	1	R	22
23	N	20	1	EXISTING LOAD				400			1080		EXISTING LOAD	20	1	R	24
25	R	20	1	EXISTING LOAD		900			1080				EXISTING LOAD	20	1	R	26
27	R	20	1	EXISTING LOAD			720			720			EXISTING LOAD	20	1	R	28
29	R	20	1	EXISTING LOAD				360			900		EXISTING LOAD	20	1	R	30
31	N	20	1	EXISTING LOAD		900			320				EXISTING LOAD	20	1	N	32
33	R	20	1	EXISTING LOAD			720			400			EXISTING LOAD	20	1	N	34
35	R	20	1	EXISTING LOAD				360			–		SPARE	20	1		36
37		20	1	SPARE		–			–				SPARE	20	1		38
39		20	1	SPARE			–			–			SPARE	20	1		40
41		20	1	SPARE				–			–		SPARE	20	1		42

PHASE TOTALS: ØA: 11060 — ØB: 8620 — ØC: 8280

PANEL NOTES:
1) UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = (-2.3) KVA

TOTAL CONNECTED VA	27960
CONNECTED VA (CODE N)	6160
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	21800
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	28.0
PANEL DEMAND KVA	22.1
PANEL DEMAND AMPS	61.2
HIGH Ø AMPS w/ DEMAND	70.0

EXISTING — PANEL: 3-EEL-3C

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 8/6/12 2:17 PM — MAINS: L.O. — LOCATION: ELECT RM 3A276 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	N	20	1	FIRE/SMOKES		500			500				VAV BOXES	20	1	N	2
3	N	20	1	EF-1/2	1		1400			500			VAV BOXES	20	1	N	4
5		20	1	SPARE				–			500		VAV BOXES	20	1	N	6
7		20	1	SPARE		–			500				VAV BOXES	20	1	N	8
9		20	1	SPARE			–			–			SPARE	20	1		10
11		20	1	SPARE				–			–		SPARE	20	1		12
13				SPACE		–			–				SPARE	20	1		14
15				SPACE			–			–			SPARE	20	1		16
17				SPACE				–			–		SPARE	20	1		18
19				SPACE		–			–				SPACE				20
21				SPACE			–			–			SPACE				22
23				SPACE				–			–		SPACE				24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 1500 — ØB: 1900 — ØC: 500

PANEL NOTES:

NET LOAD CHANGE = 1.4KVA

TOTAL CONNECTED VA	3900
CONNECTED VA (CODE N)	3900
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	3.9
PANEL DEMAND KVA	3.9
PANEL DEMAND AMPS	10.8
HIGH Ø AMPS w/ DEMAND	15.8

EXISTING — PANEL: 3-ECL-3C

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 1/16/13 3:33 PM — MAINS: L.O. — LOCATION: ELECT RM 3A276 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	EXISTING LOAD		180			600				EXISTING LOAD	20	1	L	2
3	N	20	1	REC - TREATMENT RM/LTS	1		560			600			EXISTING LOAD	20	1	N	4
5	R	20	1	REC - TREATMENT RM	1			360			–		SPARE	20	1		6
7	N	20	1	PIXYS	1	400			600				EXISTING LOAD	20	1	L	8
9	R	20	1	RECEPTS - MEDS	1		360			600			EXISTING LOAD	20	1	N	10
11	R	20	1	REC - TREATMENT RM	1			360			150		EXISTING LOAD	20	1	N	12
13	R	20	1	EXISTING LOAD		720			–				SPARE	20	1		14
15		20	1	SPARE			–			–			SPARE	20	1		16
17				SPACE				–			–		SPARE	20	1		18
19				SPACE		–			–				SPARE	20	1		20
21				SPACE			–			–			SPARE	20	1		22
23				SPACE				–			–		SPARE	20	1		24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 2500 — ØB: 2120 — ØC: 870

PANEL NOTES:
1) UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = 1.6 KVA

TOTAL CONNECTED VA	5490
CONNECTED VA (CODE N)	2310
CONNECTED VA (CODE L)	1200
CONNECTED VA (CODE R)	1980
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	5.5
PANEL DEMAND KVA	5.8
PANEL DEMAND AMPS	16.1
HIGH Ø AMPS w/ DEMAND	23.3

EXISTING — PANEL: 9-ECL-3C

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 1/16/13 3:30 PM — MAINS: L.O. — LOCATION: ELECT RM 3D268 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	EXISTING LOAD		180			500			1	EXAM LIGHTS	20	1	L	2
3		20	1	SPARE			–			500		1	EXAM LIGHTS	20	1	L	4
5		20	1	SPARE				–			600		EXAM LIFT	20	1	N	6
7		20	1	SPARE		–			–				SPARE	20	1		8
9		20	1	SPARE			–			–			SPARE	20	1		10
11		20	1	SPARE				–			–		SPARE	20	1		12
13				SPACE		–			–				SPACE				14
15				SPACE			–			–			SPACE				16
17				SPACE				–			–		SPACE				18
19				SPACE		–			–				SPACE				20
21				SPACE			–			–			SPACE				22
23				SPACE				–			–		SPACE				24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 680 — ØB: 500 — ØC: 600

PANEL NOTES:
1) UTILIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = 1.6 KVA

TOTAL CONNECTED VA	1780
CONNECTED VA (CODE N)	600
CONNECTED VA (CODE L)	1000
CONNECTED VA (CODE R)	180
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	1.8
PANEL DEMAND KVA	2.0
PANEL DEMAND AMPS	5.6
HIGH Ø AMPS w/ DEMAND	6.7

EXISTING — PANEL: 9-EEL-3C

VOLTAGE: 208 / 120 3Ø 4W — CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN
BUS: 100A — DATE: 8/6/12 4:40 PM — MAINS: MLO — LOCATION: ELECT RM 3D268 — JOB: 11.0884 — AIC RATING: 22,000 — MOUNTING: SURFACE — NO. OF EQUIPMENT: 0

CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	ØA	ØB	ØC	ØA	ØB	ØC	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	N	30		EXISTING LOAD		200			–				SPARE	20	1		2
3	N			---			200			–			SPARE	20	1		4
5	N		3	---				200			–		SPARE	20	1		6
7	N	20	1	DOOR OPERATOR	1	600			–				SPARE	20	1		8
9	N	20	1	DOOR OPERATOR	1		600			–			SPARE	20	1		10
11		20	1	SPARE				–			–		SPARE	20	1		12
13				SPACE		–			–				SPARE	20	1		14
15				SPACE			–			–			SPACE				16
17				SPACE				–			–		SPACE				18
19				SPACE		–			–				SPACE				20
21				SPACE			–			–			SPACE				22
23				SPACE				–			–		SPACE				24
25						–			–								26
27							–			–							28
29								–			–						30
31						–			–								32
33							–			–							34
35								–			–						36
37						–			–								38
39							–			–							40
41								–			–						42

PHASE TOTALS: ØA: 800 — ØB: 800 — ØC: 200

PANEL NOTES:
1. UTLIZE EXISTING SPARE CIRCUIT BREAKER FIELD VERIFY.

NET LOAD CHANGE = 1.2KVA

TOTAL CONNECTED VA	1800
CONNECTED VA (CODE N)	1800
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	1.8
PANEL DEMAND KVA	1.8
PANEL DEMAND AMPS	5.0
HIGH Ø AMPS w/ DEMAND	6.7

3-H-3C	3-EEH-3C	3-ELH-3C	3-L-3C
9-L-3C	10-L-3C	3-EEL-3C	3-ECL-3C
9-ECL-3C	9-EEL-3C	–	–

100% CONSTRUCTION DOCUMENTS SUBMISSION

11.0884

100% DESIGN DEVELOPMENT	06/08/2012
50% CONSTRUCTION DOCUMENTS	07/13/2012
100% CONSTRUCTION DOCUMENTS	08/10/2012
B OWNER'S REVIEW COMMENTS	JAN. 25, 2013
Revisions:	**Date**

CONSULTANTS:

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MEDICAL EQUIP. PLANNING: n/a
STRUCTURAL: n/a
FOOD SERVICE: n/a
GEOTECHNICAL: n/a
TELECOM/SECURITY: RTKL Special Systems Group, 1250 Connecticut Ave., NW, Washington, DC 20036
VERTICAL TRANSPORTATION: n/a
MATERIALS MANAGEMENT: n/a

KEY PLAN

ARCHITECT/ENGINEERS:

RTKL | JMA ARCHITECTURE STUDIOS
A Joint Venture

N TRUE

Drawing Title: **PANEL SCHEDULES**
Scale: **N.T.S.**
Approved: Project Director

Project Title: **New VA Medical Center Women's Health Center**
Project Number: **593-202**
Building Number: **-**
Location: **North Las Vegas, NV**
Drawing Number: **E-601**
Date | Checked: **RRJ** | Drawn: **SB**
Dwg. of

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978