

2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE SEP. 01, 2004	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) SPEC. NO. 1406
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
DEPARTMENT OF THE ARMY U.S. ARMY ENGINEER DISTRICT, SACRAMENTO SACRAMENTO, CALIFORNIA 95814-2922		DEPARTMENT OF THE ARMY U.S. ARMY ENGINEER DISTRICT, SACRAMENTO SACRAMENTO, CALIFORNIA 95814-2922	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(√)	9A. AMENDMENT OF SOLICITATION NO. W91238-04-B00007
	X	9B. DATED (SEE ITEM 11) AUG. 12, 2004
		10A. MODIFICATION OF CONTRACTS/ORDER NO. N/A
		10B. DATED (SEE ITEM 13) N/A
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

NOTE: ITEM 13 BELOW IS N/A.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. N/A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority) N/A

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
California Army National Guard (CAARNG)  
Readiness Center  
Lancaster, California

- 1 Encl.
1. New Drawings: A906, E904, E905 (All three drawings were listed on the Index page, but were not included with original solicitation.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED

Seal:

Revision:

No.	Date	By	Description
0	07/23/04		100% SUBMITTAL
1	08/14/04		AMENDMENT #1

**CALIFORNIA ARMY NATIONAL GUARD**  
**LANCASTER READINESS CENTER**  
 CITY OF LANCASTER, LOS ANGELES CO. CA.



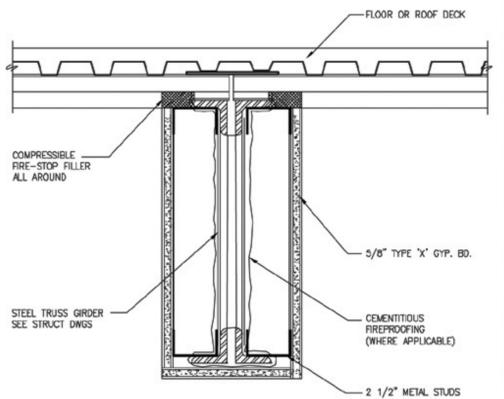
Keyplan:

Scale:

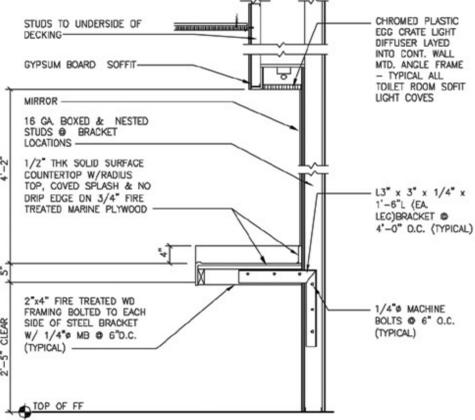
Jacobs Project No.: F1W15401  
ARNG Project No.: 060297  
Drawing Title:

**MISC. DETAILS**

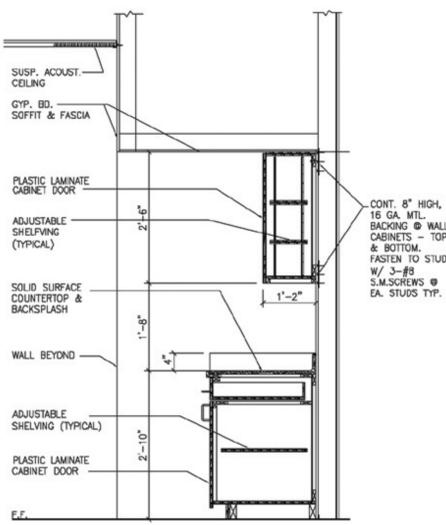
Designed By: SD Drawing No. AM-01  
Drawn By: JE  
Checked By: SD **A906**



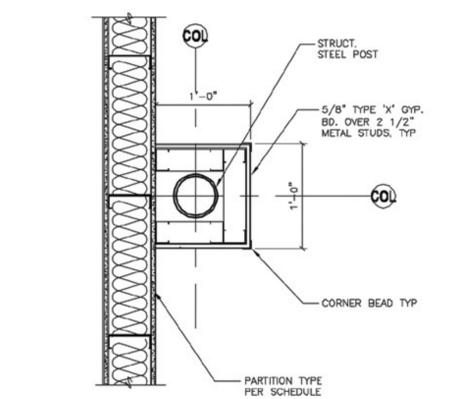
**9 1-HR FIRE RATED WALL PERP. TO TRUSS**  
Detail: X-DET-WALL\_RATED T TRUSS Scale: 3/4"=1'-0"



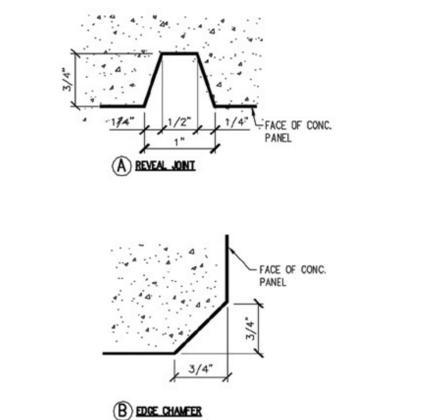
**6 SECTION TOILET LAVATORY**  
Detail: X-MILLWK-03 Scale: 3/4"=1'-0"



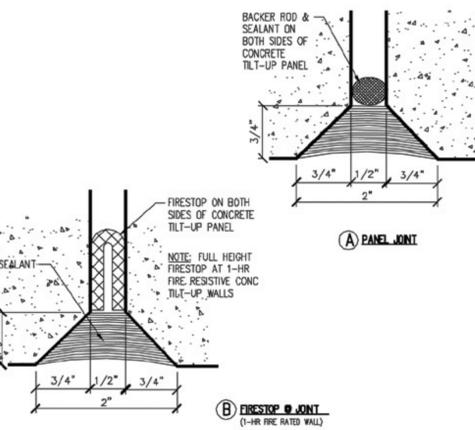
**2 CABINET SECTION**  
Detail: X-CABINET Scale: 3/4"=1'-0"



**7 COLUMN ENCLOSURE**  
Detail: X-DET-FURW\_A6 Scale: 1 1/2"=1'-0"



**3 CONCRETE PANEL REVEAL**  
Detail: X-CONC-PNL\_REVEAL Scale: FULL SCALE



**8 CONCRETE PANEL JOINTS**  
Detail: X-CONC-PNL\_JNT Scale: FULL SCALE



**3 CONCRETE PANEL REVEAL**  
Detail: X-CONC-PNL\_REVEAL Scale: FULL SCALE

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USER NAME: tju  
 PLOT DATE: 08/12/2004 - 3:52PM  
 FILENAME: D:\100020\OOD\1541610.dwg

MODIFIED FOR SITE ADAPTATION AT  
 LANCASTER READINESS CENTER  
 DRAWING FILE NO. 200-25-153  
 DEPT. SPEC. NO. 1406  
**DEPARTMENT OF THE ARMY**  
 SACRAMENTO DISTRICT, CORPS OF ENGINEERS  
 SACRAMENTO, CALIFORNIA

Seal:



Revision:

No.	Date	By	Description
0	07/23/04		100% SUBMITTAL
1	08/14/04		AMENDMENT #1

**CALIFORNIA ARMY NATIONAL GUARD**  
**LANCASTER READINESS CENTER**  
**CITY OF LANCASTER, LOS ANGELES CO. CA.**



Keyplan:

Scale:

Jacobs Project No.: F1W15401  
 ARNG Project No.: 060297  
 Drawing Title:  
**ELECTRICAL**  
**TITLE 24**  
**FORMS**

AM-01

Designed By: UL Drawing No.  
 Drawn By: JTR  
 Checked By: AH **E904**

**CERTIFICATE OF COMPLIANCE (Part 1 of 3) LTG-1**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

PROJECT ADDRESS: CITY OF LANCASTER, L.A. COUNTY, CA

PRINCIPAL DESIGNER LIGHTING: JON PASTRANA TELEPHONE: 714.503.3521 Building Permit #

DOCUMENTATION AUTHOR: NARA VILORIA TELEPHONE: 714.503.3504 Checked by/Date: Enforcement Agency Use

**GENERAL INFORMATION**

DATE OF PLANS: 07.23.04 BUILDING CONDITIONED FLOOR AREA: 40,699 CLIMATE ZONE: C

BUILDING TYPE:  NONRESIDENTIAL  HIGH RISE RESIDENTIAL  HOTEL/MOTEL GUEST ROOM

PHASE OF CONSTRUCTION:  NEW CONSTRUCTION  ADDITION  ALTERATION  UNCONDITIONED (see notes)

METHOD OF LIGHTING COMPLIANCE:  COMPLETE BLDG.  AREA CATEGORY  TAILORED  PERFORMANCE

**STATEMENT OF COMPLIANCE**

This Certificate of Compliance lists the building features and performance specifications need to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements. The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR: NARA VILORIA SIGNATURE: [Signature] DATE: 07.23.04

The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in the applicable parts of Sections 110, 119, 130 through 132, 146, and 149 of Title 24, Part 6.

Please check one:

I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer or electrical engineer, or I am a licensed architect.

I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 6537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.

I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538 and 6737.1.

(These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

PRINCIPAL LIGHTING DESIGNER NAME: JON PASTRANA SIGNATURE: [Signature] DATE: 07.23.04 LIC. # 13274

**LIGHTING MANDATORY MEASURES**

Indicate location on plans of Note Block for Mandatory Measures: THIS SHEET

**INSTRUCTIONS TO APPLICANT**

For Detailed Instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.

LTG-1: Required on plans for all submittals. Part 2 may be incorporated in schedules on plans.

LTG-2: Required for all submittals.

LTG-3: Optional. Use only if lighting control credits are taken.

LTG-4/LTG-5: Optional. Use only if Tailored Method is used.

August 2001

**CERTIFICATE OF COMPLIANCE (Part 2 of 3) LTG-1**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

**INSTALLED LIGHTING SCHEDULE**

Name	LUMINAIRE DESCRIPTION	LAMPS TYPE	No. of Lamps	Watts Per Lamp	BALLASTS TYPE	No. of Ballast	LUMINAIRE No. of Lumens	TOTAL WATTS
A	2X4 PARABOLIC	FLUOR.	3	32	ELECTRONIC	2	69 90	840
B	2X4 PARABOLIC	FLUOR.	2	32	ELECTRONIC	1	20 38	1160
D	4' STRIP	FLUOR.	2	32	ELECTRONIC	1	60 58	3480
E1	EXIT LIGHT	LED	-	-	-	-	32 8	256
E2	EXIT LIGHT	LED	-	-	-	-	2 8	16
F	FLUOR HI-BAY	CF	8	42	ELECTRONIC	1	11 376	4136
G	8" FLUOR. DNLT.	CF	1	26	ELECTRONIC	1	29 32	928
H	4" STAGGERED STRIP	FLUOR.	2	32	ELECTRONIC	1	41 58	2378
J	2X4 PRISMATIC	FLUOR.	3	32	ELECTRONIC	2	10 90	900
K	2X4 PRISMATIC	FLUOR.	2	32	ELECTRONIC	1	28 58	1624
M	ENCL. 8" FLUOR.	FLUOR.	2	32	ELECTRONIC	1	10 58	580
N	FLUOR. HI-BAY	CF	4	42	ELECTRONIC	1	14 188	2632

Lighting Schedule on Plans Shows Exterior Lighting Meets

Subtotal from this page: 26730

PLUS SUBTOTAL FROM CONTINUATION PAGE: -

PORTABLE LIGHTING (From ITG-1 Part 3 of 3): -

LESS CONTROL CREDIT WATTS (From LTG-3): -

ADJUSTED ACTUAL WATTS: -

**MANDATORY AUTOMATIC CONTROLS**

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
1ST & 2ND FLS	S06	DOUBLE SWITCHING	ENTIRE SPACE	
	S03	OC 3-WAY SWITCHING		

**CONTROLS FOR CREDIT**

CONTROL LOCATION (Room # or Desc. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRE CONTROLLED TYPE	# OF LUMINAIRE	NOTE TO FIELD
CORRIDORS (IND)	S0	DIMMING	N	56	

**NOTES TO FIELD - For Building Department Use Only**

August 2001

**CERTIFICATE OF COMPLIANCE (Part 2 of 3) LTG-1**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

**INSTALLED LIGHTING SCHEDULE**

Name	LUMINAIRE DESCRIPTION	LAMPS TYPE	No. of Lamps	Watts Per Lamp	BALLASTS TYPE	No. of Ballast	LUMINAIRE No. of Lumens	TOTAL WATTS
S	9" FLUOR. DNLT.	CF	2	42	ELECTRONIC	1	6 96	584
V	ENCL. HI-H-BAY	MH	1	400	MAGNETIC	1	8 465	3720
W	2X4 PARABOLIC	FLUOR.	3	32	DIMMING	2	56 90	5040
X	1X4 WINDUP	FLUOR.	2	32	ELECTRONIC	1	12 58	696
Y	1X4 WINDUP	FLUOR.	3	32	ELECTRONIC	2	15 87	1305
AA	VARIABLE INDM.	INCL.	1	100	-	-	1 100	100
BB	EM. LT. UNIT	NACOS	2	20	-	-	2 20	40
CC	PENDANT FLUOR.	CF	3	10	ELECTRONIC	2	10 65	650
FF	2X4 PARABOLIC	FLUOR.	3	32	ELECTRONIC	2	5 90	450
GG	2X4 PARABOLIC	FLUOR.	2	32	ELECTRONIC	2	2 58	116
HH	4' STRIP	FLUOR.	2	32	ELECTRONIC	2	4 58	232
KK	8" FLUOR. DNLT.	CF	1	26	ELECTRONIC	2	4 32	128

Lighting Schedule on Plans Shows Exterior Lighting Meets

Subtotal from this page: 13041

PLUS SUBTOTAL FROM CONTINUATION PAGE: 39771

PORTABLE LIGHTING (From ITG-1 Part 3 of 3): -

LESS CONTROL CREDIT WATTS (From LTG-3): -

ADJUSTED ACTUAL WATTS: -

**MANDATORY AUTOMATIC CONTROLS (SEE PRIOR PAGE)**

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
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**CONTROLS FOR CREDIT (SEE PRIOR PAGE)**

CONTROL LOCATION (Room # or Desc. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRE CONTROLLED TYPE	# OF LUMINAIRE	NOTE TO FIELD
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**NOTES TO FIELD - For Building Department Use Only**

August 2001

**CERTIFICATE OF COMPLIANCE (Part 2 of 3) LTG-1**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

**INSTALLED LIGHTING SCHEDULE**

Name	LUMINAIRE DESCRIPTION	LAMPS TYPE	No. of Lamps	Watts Per Lamp	BALLASTS TYPE	No. of Ballast	LUMINAIRE No. of Lumens	TOTAL WATTS
LL	2X4 PRISMATIC	FLUOR.	2	32	ELECTRONIC	2	8 58	464
MM	FLUOR. HI-BAY	FLUOR.	4	42	ELECTRONIC	8	8 188	1504
NN	9" FLUOR. DNLT.	CF	2	42	ELECTRONIC	3	94	282
OO	WALL PACE	MPS	1	70	MAGNETIC	1	3 58	174
PP	1X4 FLUOR. WRAP	FLUOR.	2	32	ELECTRONIC	2	2 58	116
RR	WALL SENCE	CF	1	36	ELECTRONIC	1	2 40	80
TT	WALL SENCE	CF	2	13	ELECTRONIC	1	4 35	140

Lighting Schedule on Plans Shows Exterior Lighting Meets

Subtotal from this page: 2760

PLUS SUBTOTAL FROM CONTINUATION PAGE: 42531

PORTABLE LIGHTING (From ITG-1 Part 3 of 3): 748

LESS CONTROL CREDIT WATTS (From LTG-3): -

ADJUSTED ACTUAL WATTS: 43279

**MANDATORY AUTOMATIC CONTROLS (SEE PRIOR PAGE)**

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
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**CONTROLS FOR CREDIT (SEE PRIOR PAGE)**

CONTROL LOCATION (Room # or Desc. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRE CONTROLLED TYPE	# OF LUMINAIRE	NOTE TO FIELD
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**NOTES TO FIELD - For Building Department Use Only**

August 2001

**LIGHTING COMPLIANCE SUMMARY LTG-2**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

**ACTUAL LIGHTING POWER**

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRE	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT? Y N	TOTAL WATTS
A	2X4 PARABOLIC	69	90	<input checked="" type="checkbox"/> <input type="checkbox"/>	8640
B	2X4 PARABOLIC	20	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	1160
D	4' STRIP	60	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	3480
E1	EXIT LIGHT	32	8	<input checked="" type="checkbox"/> <input type="checkbox"/>	256
E2	EXIT LIGHT	2	8	<input checked="" type="checkbox"/> <input type="checkbox"/>	16
F	FLUOR HI-BAY	11	376	<input checked="" type="checkbox"/> <input type="checkbox"/>	4136
G	8" FLUOR. DNLT.	29	32	<input checked="" type="checkbox"/> <input type="checkbox"/>	928
H	4" STAGGERED STRIP	41	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	2378
J	2X4 PRISMATIC	10	90	<input checked="" type="checkbox"/> <input type="checkbox"/>	900

Subtotal from this page: 21874

PLUS SUBTOTAL FROM CONTINUATION PAGE: -

PORTABLE LIGHTING (From LTG-1 Part 3 of 3): -

LESS CONTROL CREDIT WATTS (From LTG-3): -

ADJUSTED ACTUAL WATTS: -

**ALLOWED LIGHTING POWER (Choose One Method) (SEE PRIOR PAGE)**

**COMPLETE BUILDING METHOD**

BUILDING CATEGORY (From § 146(b) Table 1-4)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
TRAINING SCHOOL	1.4	40,699	56,977

**AREA CATEGORY METHOD**

AREA CATEGORY (From § 146(b) Table 1-4)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
TOTALS		AREA	WATTS

**TAILORED METHOD**

TOTAL ALLOWED WATTS (From LTG-4):

August 2001

**LIGHTING COMPLIANCE SUMMARY LTG-2**

PROJECT NAME: CAL. ARMY NAT'L GUARD LANCASTER READINESS CTR. DATE: 07.23.04

**ACTUAL LIGHTING POWER**

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRE	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT? Y N	TOTAL WATTS
BB	EM. LT. UNIT	2	20	<input checked="" type="checkbox"/> <input type="checkbox"/>	40
CC	PENDANT FLUOR.	10	65	<input checked="" type="checkbox"/> <input type="checkbox"/>	650
FF	2X4 PARABOLIC	5	90	<input checked="" type="checkbox"/> <input type="checkbox"/>	450
GG	2X4 PARABOLIC	2	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	116
HH	4' STRIP	4	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	232
KK	8" FLUOR. DNLT.	4	32	<input checked="" type="checkbox"/> <input type="checkbox"/>	128
LL	2X4 PRISMATIC	8	58	<input checked="" type="checkbox"/> <input type="checkbox"/>	464
MM	FLUOR. HI-BAY	8	188	<input checked="" type="checkbox"/> <input type="checkbox"/>	1504
NN	9" FLUOR. DNLT.	3	94	<input checked="" type="checkbox"/> <input type="checkbox"/>	282

Subtotal from this page: 3866

PLUS SUBTOTAL FROM CONTINUATION PAGE: 42021

PORTABLE LIGHTING (From LTG-1 Part 3 of 3): -

LESS CONTROL CREDIT WATTS (From LTG-3): -

ADJUSTED ACTUAL WATTS: -

**ALLOWED LIGHTING POWER (Choose One Method) (SEE PRIOR PAGE)**

**COMPLETE BUILDING METHOD**

BUILDING CATEGORY (From § 146(b) Table 1-4)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
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**AREA CATEGORY METHOD**

AREA CATEGORY (From § 146(b) Table 1-4)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
TOTALS		AREA	WATTS

**TAILORED METHOD**

TOTAL ALLOWED WATTS (From LTG-4):

August 2001

