

PANELBOARD SCHEDULE

PANEL DESIGNATION	DISTRIBUTION (D) LIGHTING (L)	INTERRUPTING CAPACITY (1)	CIRCUIT BREAKER TYPE	SURFACE FLUSH	VOLTAGE	PHASE	WIRE	CIRCUIT PROTECTIVE DEVICE				DESCRIPTION OF CIRCUIT	
								MAIN BUS (AMPS)	MAIN LUGS ONLY (C.B. SIZE)	QUANTITY	POLES		
EHOP	D	•	•	•	480Y/277	3	4	1200	MLO	1	3	600	EHD4
										1	3	200	EHD-ELEV.
										1	3	225	PANELS EHL2, EHL3
										1	3	200	XFMR (ELL2)
										1	3	125	ERV
										1	3	100	CU-1
										1	3	100	CU-2
										1	3	30	DWP
										2	3	225	SPACE
										EHD4	D	•	•
1	3	150	XFMR (ELL4)										
1	3	30	AHU 4-1										
1	3	30	AHU 4-2										
2	3	225	SPACE										
EHD-ELEV.	D	•	•	•	480Y/277	3	4	225	MLO	1	3	100	PASS. ELEV. ◇
										1	3	100	EQUIP. LIFT ◇
EHL2	L	•	•	•	480Y/277	3	4	125	MLO				EMERGENCY LIGHTING (FLOORS 1 & 2)
EHL3	L	•	•	•	480Y/277	3	4	125	MLO				EMERGENCY LIGHTING (FLOOR 3)
EHL4	L	•	•	•	480Y/277	3	4	400	MLO				4TH FLOOR VAV BOXES 4TH FLOOR LIGHTING
ELD2	D	•	•	•	208Y/120	3	4	400	400	1	3	225	ELL2
										1	3	125	ELL3
										2	3	225	SPACE
ELL2	L	•	•	•	208Y/120	3	4	225	MLO				208 VOLT AND 120 VOLT EMERGENCY CIRCUITS
ELL3	L	•	•	•	208Y/120	3	4	125	MLO				208 VOLT AND 120 VOLT EMERGENCY CIRCUITS
ELL4	L	•	•	•	208Y/120	3	4	400	250				208 VOLT AND 120 VOLT EMERGENCY CIRCUITS

NOTES:

◇ INTERRUPTING CAPACITY:
 MAX. 480 VOLT-(4)14KA; (3)18KA; (2)22KA; (1)28KA; (0)35KA; (0)42KA; (0)50KA; (0)60KA; (0)75KA; (0)100KA; (0)150KA
 MAX. 240 VOLT-(1)110KA; (2)22KA; (3)42KA; (4)65KA; (5)100KA; (6)200KA

◇ PROVIDE FEED-THRU LUGS
 ◇ PROVIDE DOUBLE LUGS
 ◇ PROVIDE ISOLATED GROUND BAR
 ◇ PROVIDE 200% NEUTRAL BARS
 ◇ PROVIDE WITH INTEGRAL TVSS.
 ◇ SHUNT TRIP C/B WITH AUX. CONTACT.
 ◇ NEMA 3R ENCLOSURE.

GENERAL NOTES:

- ALL PANELS SHALL HAVE GROUND BARS AND SHALL BE INSTALLED GROUNDED TO CASE.
- ALL PANELS SHALL HAVE 2-1/2" (SPACE) STUBBED OUT TO ABOVE ACCESSIBLE CEILINGS WITH NYLON PULL STRINGS.
- ALL PANELS SHALL HAVE TYPE WRITTEN DIRECTORIES INSTALLED AND SHALL HAVE ENGRAVED PLASTIC LABELS INSTALLED ON COVER ILLUSTRATING PANEL DESIGNATION SHOWN ON DOCUMENTS.

PANELBOARD SCHEDULE

PANEL DESIGNATION	DISTRIBUTION (D) LIGHTING (L)	INTERRUPTING CAPACITY (1)	CIRCUIT BREAKER TYPE	SURFACE FLUSH	VOLTAGE	PHASE	WIRE	CIRCUIT PROTECTIVE DEVICE				DESCRIPTION OF CIRCUIT	
								MAIN BUS (AMPS)	MAIN LUGS ONLY (C.B. SIZE)	QUANTITY	POLES		
HD-MECH	D	•	•	•	480Y/277	3	4	400	MLO	1	3	60	CHWP-1
										1	3	60	CHWP-2
										1	3	30	AHU 1-1
										1	3	30	AHU 1-2
										1	3	30	AHU 1-3
										1	3	30	AHU 1-4
										1	3	60	AHU 1-6
										1	3	30	AHU 2-1
										1	3	30	AHU 2-2
										2	3	225	SPACE
HD3	D	•	•	•	480Y/277	3	4	800	MLO	1	3	400	HL3
										1	3	300	XFMR (LL3A AND LL3B)
										1	3	80	AHU 3-1 AND 3-2
										1	3	80	AHU 3-3 AND 3-4
										2	3	225	SPACE
HL2	L	•	•	•	480Y/277	3	4	400	MLO				VAV BOXES (FLOORS 1 & 2) LIGHTING (FLOORS 1 & 2)
HL3	L	•	•	•	480Y/277	3	4	400	MLO				3RD. FLOOR VAV BOXES 3RD. FLOOR LIGHTING
LD2	L	•	•	•	208Y/120	3	4	600	600	1	3	400	LL1
										1	3	400	LL2
LL1	L	•	•	•	208Y/120	3	4	400	MLO				208 VOLT AND 120 VOLT CIRCUITS
LL2	L	•	•	•	208Y/120	3	4	400	MLO				208 VOLT AND 120 VOLT CIRCUITS
LL3A	L	•	•	•	208Y/120	3	4	400	400				208 VOLT AND 120 VOLT CIRCUITS
LL3B	L	•	•	•	208Y/120	3	4	400	400				208 VOLT AND 120 VOLT CIRCUITS

NOTES:

◇ INTERRUPTING CAPACITY:
 MAX. 480 VOLT-(4)14KA; (3)18KA; (2)22KA; (1)28KA; (0)35KA; (0)42KA; (0)50KA; (0)60KA; (0)75KA; (0)100KA; (0)150KA
 MAX. 240 VOLT-(1)110KA; (2)22KA; (3)42KA; (4)65KA; (5)100KA; (6)200KA

◇ PROVIDE FEED-THRU LUGS
 ◇ PROVIDE DOUBLE LUGS
 ◇ PROVIDE ISOLATED GROUND BAR
 ◇ PROVIDE 200% NEUTRAL BARS
 ◇ PROVIDE WITH INTEGRAL TVSS.
 ◇ SHUNT TRIP C/B WITH AUX. CONTACT.
 ◇ NEMA 3R ENCLOSURE.

GENERAL NOTES:

- ALL PANELS SHALL HAVE GROUND BARS AND SHALL BE INSTALLED GROUNDED TO CASE.
- ALL PANELS SHALL HAVE 2-1/2" (SPACE) STUBBED OUT TO ABOVE ACCESSIBLE CEILINGS WITH NYLON PULL STRINGS.
- ALL PANELS SHALL HAVE TYPE WRITTEN DIRECTORIES INSTALLED AND SHALL HAVE ENGRAVED PLASTIC LABELS INSTALLED ON COVER ILLUSTRATING PANEL DESIGNATION SHOWN ON DOCUMENTS.

PANELBOARD SCHEDULE

PANEL DESIGNATION	DISTRIBUTION (D) LIGHTING (L)	INTERRUPTING CAPACITY (1)	CIRCUIT BREAKER TYPE	SURFACE FLUSH	VOLTAGE	PHASE	WIRE	CIRCUIT PROTECTIVE DEVICE				DESCRIPTION OF CIRCUIT	
								MAIN BUS (AMPS)	MAIN LUGS ONLY (C.B. SIZE)	QUANTITY	POLES		
HLCP	L	•	•	•	480Y/277	3	4	125	MLO				CENTRAL PLANT LIGHTING XFMR (LLCP)
LLCP	L	•	•	•	208Y/120	3	4	125	100				208 VOLT AND 120 VOLT CIRCUITS
EHLCP	L	•	•	•	480Y/277	3	4	125	MLO				CENTRAL PLANT EMERG. LIGHTING XFMR (ELLCP)
ELLCP	L	•	•	•	208Y/120	3	4	125	50				208 VOLT AND 120 VOLT LIGHTING CIRCUITS

NOTES:

◇ INTERRUPTING CAPACITY:
 MAX. 480 VOLT-(4)14KA; (3)18KA; (2)22KA; (1)28KA; (0)35KA; (0)42KA; (0)50KA; (0)60KA; (0)75KA; (0)100KA; (0)150KA
 MAX. 240 VOLT-(1)110KA; (2)22KA; (3)42KA; (4)65KA; (5)100KA; (6)200KA

◇ PROVIDE FEED-THRU LUGS
 ◇ PROVIDE DOUBLE LUGS
 ◇ PROVIDE ISOLATED GROUND BAR
 ◇ PROVIDE 200% NEUTRAL BARS
 ◇ PROVIDE WITH INTEGRAL TVSS.
 ◇ SHUNT TRIP C/B WITH AUX. CONTACT.
 ◇ NEMA 3R ENCLOSURE.

GENERAL NOTES:

- ALL PANELS SHALL HAVE GROUND BARS AND SHALL BE INSTALLED GROUNDED TO CASE.
- ALL PANELS SHALL HAVE 2-1/2" (SPACE) STUBBED OUT TO ABOVE ACCESSIBLE CEILINGS WITH NYLON PULL STRINGS.
- ALL PANELS SHALL HAVE TYPE WRITTEN DIRECTORIES INSTALLED AND SHALL HAVE ENGRAVED PLASTIC LABELS INSTALLED ON COVER ILLUSTRATING PANEL DESIGNATION SHOWN ON DOCUMENTS.



**LOUISIANA ARMY NATIONAL GUARD
 141st FIELD ARTILLERY BATTALION
 READINESS CENTER**

JACKSON BARRACKS NEW ORLEANS, LOUISIANA



2/22/06	PROG. REVIEW #1
3/1/06	PROG. REVIEW #2
3/27/06	PROG. REVIEW #3
4/10/06	PROG. REVIEW #4
5/3/06	PRELIM. DESIGN

MARK DATE DESCRIPTION

DRAWING ISSUED: 05/03/2006

NGB PROJECT NO.: 220027

PRELIMINARY DESIGN

DRAWING TITLE:
ELECTRICAL PANELBOARD SCHEDULES

DRAWING NUMBER:

E602

SHEET 102 OF 106

These drawings are conceptual in nature and are not suitable for construction. It is the intent of these documents to clearly delineate the baseline minimum scale, scope and quality of the project. It is the responsibility of the design-builder that his proposal provides for a complete and functional facility responding to relative Army National Guard criteria, recognized industry standards and applicable building codes regardless of the content of these conceptual drawings. Further, it will be the responsibility of the successful design-builder and his architect of record to prepare complete construction documents responding to the fullest intent of the conceptual drawings and specifications.