PANEL : NHA

Location: Elect Room 123
Main: 100 A
Bus Rating Amps: 100 A
Volts: 480 / 277
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
LTS RMS 114,117,120A,B,122		L	1,465			1	1	20	A	20	1	2	531			L		STORAGE SHED, SITE LTS(9)
LTS RMS 113,113A,123,118,130		L		1,469		3	1	20	B	20	1	4		400		L		TREE LTS, SITE (9)
LTS RMS 115,119A,B, 129		L			1,527	5	1	20	C	20	1	6			1,851	L		POST LTS & BOLLARDS, SITE(12)
LTS RM 138		L	1,356			7	1	20	A	20	1	8	1,850			L		POST LTS,SITE(10)
LTS RM 101 LOBBY		L		1,068		9	1	20	B	20	1	10		2,100		L		PARKING LOT LTS, SITE(10)
LTS RMS 103-106, 134-137, 139		L			1,687	11	1	20	C	20	1	12			2,100	L		PARKING LOT LTS, SITE(10)
LTS RMS, 124-128		L	2,101			13	1	20	A	20	1	14	238			L		CANOPY & BELOW GRADE LTS(7)
LTS RMS 107-112		L		1,662		15	1	20	B	20	1	16		500				LTS CONTROL PANEL LCP1
LTS HALLWAY 141,143 & LOBBY 101		L			502	17	1	20	C	20	1	18			500			SPARE
SPARE			500			19	1	20	A	20	1	20	500					SPARE
SPARE				500		21	1	20	B	20	1	22		500				SPARE
SPARE					500	23	1	20	C	20	1	24			500			SPARE
SPACE						25			A			26						SPACE
SPACE						27			B			28						SPACE
SPACE						29			C			30						SPACE
						31			A			32						
						33			B			34						
						35			C			36						
						37			A			38						
						39			B			40						
						41			C			42						
			5,422	4,699	4,216			A	B	C			3,119	3,500	4,951			
				TOTAL/PHASE:				8,541	8,199	9,167								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	27,384	21,907
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	0	0
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	4,000	4,000
SUM			31,384	25,907
CALC'D AMPERES			37.7	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NHB

Location: Elect Room 225
Main: 100 A
Bus Rating Amps: 100 A
Volts: 480 / 277
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
RMS 210, 218-222,224,226 LTS		L	1,460			1	1	20	A	20	1	2	1,121			L		MECH RM301 LTS
RMS 213,214A,B,215A,B LTS		L		1,476		3	1	20	B	20	1	4		1,180		L		MECH RM301 LTS
RMS 209,211,212,212A,216,217,223,225,227-229		L			1,488	5	1	20	C	20	1	6			1,320	L		LOWER ROOF, RM301 LTS
RMS 233,235,236-238,LTS		L	1,114			7	1	20	A	20	1	8	284			L		VEST RM 201, STAIR 1 LTS
RMS 202-204 LTS		L		985		9	1	20	B	20	1	10		188		L		HALLWAY ROOM, 240 LTS
RM 234 LTS		L			1,242	11	1	20	C	20	1	12			112	L		HALLWAY ROOM, 240 LTS
RMS 207,208,242,243 LTS		L	928			13	1	20	A	20	1	14	1,000					SPARE
LTG CONTROL PANEL LCP2		L		500		15	1	20	B	20	1	16		1,000				SPARE
TMC, RM 230, HID LTS		L			1,500	17	1	20	C	20	1	18			500			SPARE
SPARE			1,000			19	1	20	A	20	3	20	2,266					HU-3, RM 301
SPARE				1,000		21	1	20	B	20	–	22		2,266				HU-3, RM 301
SPARE					500	23	1	20	C	20	–	24			2,266			HU-3, RM 301
SPACE						25			A			26						SPACE
SPACE						27			B			28						SPACE
SPACE						29			C			30						SPACE
						31			A			32						
						33			B			34						
						35			C			36						
						37			A			38						
						39			B			40						
						41			C			42						
			4,502	3,961	4,730			A	B	C			4,671	4,634	4,198			
				TOTAL/PHASE:				9,173	8,595	8,928								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	18,623	14,898
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	0	0
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	11,798	11,798
SUM			30,421	26,696
CALC'D AMPERES			36.6	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NLA

Location: ELEC RM 123
Main: 225 A
Bus Rating Amps: 225
Volts: 208 / 120
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
RECEPTACLE LOAD RM 124,125,		R	900			1	1	20	A	20	1	2	900			R		RECEPTACLE LOAD RM 122
RECEPTACLE LOAD RM 124,125,		R		900		3	1	20	B	20	1	4		900		R		RECEPTACLE LOAD RM 122
RECEPTACLE LOAD RM 124,125,		R			900	5	1	20	C	20	1	6			900	R		RECEPTACLE LOAD RM 122
RECEPTACLE LOAD RM 101,104,105		R	1,080			7	1	20	A	20	1	8	900			R		RECEPTACLE LOAD RM 113,115,117
RECEPTACLE LOAD RM 101,104,105		R		900		9	1	20	B	20	1	10		900		R		RECEPTACLE LOAD RM 113,115,117
RECEPTACLE LOAD RM 101,104,105		R			900	11	1	20	C	20	1	12			900	R		RECEPTACLE LOAD RM 113,115,117
STORAGE SHED, SITE		R	1,080			13	1	20	A	20	1	14	720			R		RECEPTACLE LOAD RM 130
Room 125, REC		R		900		15	1	20	B	20	1	16		900		R		Room 111,112 REC
Room 125, REC		R			900	17	1	20	C	20	1	18			900	R		Room 111,112 REC
Room 125, REC		R	900			19	1	20	A	20	1	20	900			R		Room 111,112 REC
Room 125, REC		R		900		21	1	20	B	20	1	22		900		R		Room 111,112 REC
Room 126, 127, REC		R			900	23	1	20	C	20	1	24			900	R		Room 108,109 REC
Room 126, 127, REC		R	900			25	1	20	A	20	1	26	900			R		Room 107,108,109 REC
Room 126, 127, REC		R		900		27	1	20	B	20	1	28		900		R		Room 107,108,109 REC
Room 126, 127, REC		R			900	29	1	20	C	20	1	30			900	R		Room 128 REC
Room 126, 127, REC		R	900			31	1	20	A	20	1	32	900			R		Room 128 REC
UH-3				1,000		33	1	20	B	20	1	34		900		R		Room 128 REC
SPARE					1,000	35	1	20	C	20	1	36			1,000			SPARE
SPARE			1,000			37	1	20	A	100	3	38	5,520					PANEL NLB
SPARE				1,000		39	1	20	B	100	–	40		5,620				PANEL NLB
SPARE					1,000	41	1	20	C	100	–	42			5,800			PANEL NLB
			6,760	6,500	6,500			A	B	C			10,740	11,020	11,300			
				TOTAL/PHASE:				17,500	17,520	17,800								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	0	0
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	19,940	29,880
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	22,940	22,940
SUM			42,880	52,820
CALC'D AMPERES			119.0	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NLB

Location: CHP/CAD RM 133
Main: LUGS ONLY
Bus Rating Amps: 225
Volts: 208 / 120
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
RECP LOAD, RM 139		R	720			1	1	20	A	20	1	2	720			R		RECEPTACLE LOAD RM 134,135,136
RECP LOAD, RM 106		R		900		3	1	20	B	20	1	4		720		R		RECEPTACLE LOAD RM 134,135,136
REC, CALTRANS TEL RM 106		R			1,080	5	1	20	C	20	1	6			720	R		RECEPTACLE LOAD RM 134,135,136
REC, CHP TEL RM 139		R	1,080			7	1	20	A	20	1	8	1,000			R		RECP LOAD, RM 133
REC, RMS 131, 132		R		1,000		9	1	20	B	20	1	10		1,000		R		SPARE
REC, RMS 131, 132		R			1,000	11	1	20	C	20	1	12			1,000			SPARE
SPARE			1,000			13	1	20	A	20	1	14	1,000					SPARE
SPARE				1,000		15	1	20	B	20	1	16		1,000				SPARE
SPARE					1,000	17	1	20	C	20	1	18			1,000			SPARE
SPACE						19			A			20						SPACE
SPACE						21			B			22						SPACE
SPACE						23			C			24						SPACE
SPACE						25			A			26						SPACE
SPACE						27			B			28						SPACE
SPACE						29			C			30						SPACE
SPACE						31			A			32						SPACE
SPACE						33			B			34						SPACE
SPACE						35			C			36						SPACE
SPACE						37			A			38						SPACE
SPACE						39			B			40						SPACE
SPACE						41			C			42						SPACE
			2,800	2,900	3,080			A	B	C			2,720	2,720	2,720			
				TOTAL/PHASE:				5,520	5,620	5,800								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	0	0
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	9,940	9,940
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	7,000	7,000
SUM			16,940	16,940
CALC'D AMPERES			47.0	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NLC

Location: ELEC RM 225
Main: LUGS ONLY
Bus Rating Amps: 225
Volts: 208 / 120
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
RM 213,214,215,218,219, REC		R	900			1	1	20	A	20	1	2	1,080			R		RM 220,221, REC
RM 213,214,215,218,219, REC		R		900		3	1	20	B	20	1	4		1,080		R		RM 220,221, REC
RM 213,214,215,218,219, REC		R			900	5	1	20	C	20	1	6			1,080	R		RM 220,221, REC
RM 209,210,211, REC		R	1,080			7	1	20	A	20	1	8	1,080			R		RM 224,226,222, REC
RM 209,210,211, REC		R		1,080		9	1	20	B	20	1	10		1,080		R		RM 224,226,222, REC
RM 209,210,211, REC		R			1,080	11	1	20	C	20	1	12			1,080	R		RM 224,226,222, REC
RM 207,208,206,205, REC		R	720			13	1	20	A	20	1	14	1,000					SPARE
RM 207, 208,206,205, REC		R		720		15	1	20	B	20	1	16		1,000				SPARE
RM 207, 208,206,205, REC		R			720	17	1	20	C	20	1	18			1,000			SPARE
RM 207,208, REC		R	360			19	1	20	A	20	1	20	720			R		TMC RM 230, REC
RM 207,208, REC		R		360		21	1	20	B	20	1	22		720		R		TMC RM 230, REC
RM 207,208, REC		R			360	23	1	20	C	20	1	24			1,200			REFRIGERATOR
RM 207,208, REC		R	360			25	1	20	A	20	1	26	1,200					VENDING MACHINE
REFRIGERATOR				1,200		27	1	20	B	20	1	28		360		R		PSDS1 RM 234, REC
VENDING MACHINE					1,200	29	1	20	C	20	1	30			360	R		PSDS1 RM 234, REC
RM 235,236, REC		R	540			31	1	20	A	20	1	32	360			R		PSDS1 RM 234, REC
RM 213 LIGHTS		L		200		33	1	20	B	20	1	34		360		R		PSDS1 RM 234, REC
RECEPTACLE LOAD		R			900	35	1	20	C	20	1	36			360	R		PSDS1 RM 234, REC
RECEPTACLE LOAD		R	900			37	1	20	A	20	1	38	1,000					SPARE
RECEPTACLE LOAD		R		900		39	1	20	B	20	1	40		1,000				SPARE
SPARE					500	41	1	20	C	20	1	42			1,000			SPARE
			4,860	5,360	5,660			A	B	C			6,440	5,600	6,080			
				TOTAL/PHASE:				11,300	10,960	11,740								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	250	200
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	16,250	22,500
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	11,300	11,300
SUM			27,800	34,000
CALC'D AMPERES			77.2	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NLD

Location: PROJ RM 232
Main: 125 A
Bus Rating Amps: 225
Volts: 208 / 120
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
TMC ROOM			720			1	1	20	A	20	1	2	720					TMC ROOM
TMC ROOM				720		3	1	20	B	20	1	4		720				TMC ROOM
TMC ROOM					720	5	1	20	C	20	1	6			720			TMC ROOM
TMC ROOM			720			7	1	20	A	20	1	8	720					TMC ROOM
TMC ROOM				720		9	1	20	B	20	1	10		720				TMC ROOM
TMC ROOM					720	11	1	20	C	20	1	12			720			TMC ROOM
TMC ROOM			720			13	1	20	A	20	1	14	720					TMC ROOM
TMC ROOM				720		15	1	20	B	20	1	16		720				TMC ROOM
TMC ROOM					720	17	1	20	C	20	1	18			720			TMC ROOM
TMC ROOM			720			19	1	20	A	20	1	20	720					TMC ROOM
EOC RM 206				720		21	1	20	B	20	1	22		720				ERC ROOM 205
EOC RM 206					720	23	1	20	C	20	1	24			720			ERC ROOM 205
EOC RM 206			720			25	1	20	A	20	1	26	720					ERC ROOM 205
SPARE				1,000		27	1	20	B	20	1	28		720				ERC ROOM 205
SPARE					1,000	29	1	20	C	20	1	30			1,000			SPARE
SPARE			1,000			31	1	20	A	20	1	32	1,000					SPARE
SPARE				1,000		33	1	20	B	20	1	34		1,000				SPARE
SPARE					1,000	35	1	20	C	20	1	36			1,000			SPARE
SPACE						37			A			38						SPACE
SPACE						39			B			40						SPACE
SPACE						41			C			42						SPACE
			4,600	4,880	4,880			A	B	C			4,600	4,600	4,880			
				TOTAL/PHASE:				9,200	9,480	9,760								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	0	0
LARGEST MOTOR	X	1.25	0	0
RECEPTACLE LOAD	X	NEC	0	0
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	28,440	28,440
SUM			28,440	28,440
CALC'D AMPERES			78.9	

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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PANEL : NLE

Location: MECH RM 301
Main: 100 A
Bus Rating Amps: 225
Volts: 208 / 120
Phase/Wires: 3 / 4
Mounting: SURFACE

LOAD INFORMATION			VOLTAMPS			CB RATING/POLES						VOLTAMPS			LOAD INFORMATION		
LOAD	Note	Type	PH-A	PH-B	PH-C	Ckt	P	CB	PH	CB	P	Ckt	PH-A	PH-B	PH-C	Type	Note	LOAD
EF-6				528		1	1	20	A	20	1	2	900			R		RECEP RM 301,302, PENTHOUSE
EF-7					696	3	1	20	B	20	1	4		900		R		RECEP RM 301,302, PENTHOUSE
EF-4		M			696	5	1	20	C	20	1	6			900	R		RECEP RM 301,302, PENTHOUSE
B1			1,800			7	1	20	A	20	1	8	1,056					UNIT HEATER 1, 2
B2				1,800		9	1	20	B	20	1	10		300				VAV'S
SPARE					1,000	11	1	20	C	20	1	12			360	R		REC, RM 303
SPARE			1,000			13	1	20	A	20	2	14	208					HU-2, RM 301
SPARE				1,000		15	1	20	B	20	–	16		208				HU-2, RM 301
SPARE					1,000	17	1	20	C	20	2	18			312			HU-1, RM 301
SPARE			1,000			19	1	20	A	20	–	20	312					HU-1, RM 301
SPARE				1,000		21	1	20	B	20	1	22		1,000				SPARE
SPARE					1,000	23	1	20	C	20	1	24			1,000			SPARE
SPACE						25			A	20	1	26	500					SPARE
SPACE						27			B	20	1	28		1,000				SPARE
SPACE						29			C	20	1	30			1,000			SPARE
SPACE						31			A			32						SPACE
SPACE						33			B			34						SPACE
SPACE						35			C			36						SPACE
SPACE						37			A			38						SPACE
SPACE						39			B			40						SPACE
SPACE						41			C			42						SPACE
			4,328	4,496	3,696			A	B	C			2,976	3,408	3,572			
				TOTAL/PHASE:				7,304	7,904	7,268								

Load Breakdown		DF	VAxDF	VA
CONTINUOUS LOAD	X	1.25	0	0
LARGEST MOTOR	X	1.25	870	696
RECEPTACLE LOAD	X	NEC	3,060	3,060
DWELLING TYPE LOADS	X	1.00	0	0
OTHER LOADS	X	1.00	18,720	18,720
SUM			22,650	22,476
CALC'D AMPERES			62.9	

NOTES
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Load Types
L LIGHTING LOAD
R RECEPTACLE LOAD
M LARGEST MOTOR
D DWELLING/RESIDENTIAL LOAD
##FILENAME##

PROJECT

INLAND EMPIRE TMC
Caltrans CHP
DISTRICT 8 / INLAND DIVISION
13892 VICTORIA STREET
FONTANA, CA 92336

CLIENT

DGS
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
REAL ESTATE SERVICES DIVISION
PROJECT MANAGEMENT BRANCH
400 R STREET, SUITE 5100
SACRAMENTO, CA 95814
PROJECT DIRECTOR : REG EDEN
TELEPHONE : (916) 376-1719

DESIGNER

DMJM H&N | AECOM
999 TOWN & COUNTRY ROAD, ORANGE CALIFORNIA 92868
T: 714-567-2400 F: 714-543-0955 www.dmjm.com

CONSULTANTS

STATUS

100% CONSTRUCTION DOCUMENTS
SEPT. 7, 2007

ISSUE

MARK	DATE	DESCRIPTION

PROJECT NO: 60004333.4000
DRAWN BY: L. DICKENS
CHECKED BY:

KEY PLAN

SHEET TITLE

PANEL SCHEDULES

E-711

DWG: Q:\Caltrans\ETMC\500 CAD\E\Sheet\E-711.dwg User: jimenezv
DATE: Sep 05, 2007 - 9:00:32 am Images:
Xrefs: "XEDR" "xETMC-ARP02