NORTH BUILDING - SOUTH END

VOLTS 208/120V, 3Φ, 4W
MAIN 225A, 3P CB
PANEL "P1"
LOCATION JANITOR (N34)
FEED
MTG SURFACE

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
OFFICES	1200			6			20A 1P	1	2	20A 1P		4		1200			DRAFT & OFFICE
"		1200		6				3	4			2			1200		
"			1200	6				5	6			2				1200	
RESTROOM	1200			6				7	8			2		1200			
PUBLIC AREA		1200		4				9	10			3			1200		
VAULT			1200	4				11	12			2				1200	
OFFICE	1200			5				13	14			2		1200			
		1200		5				15	16			2			1200		
			1200	5				17	18			2				1200	
	1200			4				19	20			3		1200			
VENDING		1200						21	22						1200		
"			1200					23	24			2				1200	
OFFICE	1200			5				25	26			5		1200			LOUNGE
"		1200		5				27	28			6			1200		WORK RM.
"			1200	6				29	30			5				1200	REST ROOM
ACCOUNTING	1200			*				31	32			5		1200			RECEIVING
		1200		*				33	34			4			1200		STORAGE
			1200	*				35	36			2				1200	SOIL LAB.
	1200			*				37	38			*					ACCOUNTING
		1200		*				39	40			*					"
			1200	*				41	42			*					"
WATTS/PHASE	8400	8400	8400											7200	7200	7200	WATTS/PHASE

TOTAL 46,800 WATTS = 130 AMPS @ V, 3 ø 4 W
MAIN BUS: 225A, 3Φ, 4W, F.N.

NORTH BUILDING - SOUTH END

VOLTS 208/120V, 3Φ, 4W
MAIN 225 A CB, 3P
PANEL "P2"
LOCATION STORAGE (N20)
FEED
MTG SURFACE

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
OFFICES	1200			4			20A 1P	1	2	20A 1P		7		1200			PUBLIC & CONF. RM
		1200		4				3	4			6			1200		OFFICE
			1200	5				5	6			6				1200	
	1200			4				7	8			5		1200			
		1200		2				9	10			5			1200		
			1200	2				11	12			5				1200	
	1200			3				13	14			3		1200			OFFICE & INSPECT.
		1200		3				15	16			8			1200		OFFICE
STORAGE			1200	4				17	18			3				1200	"
CONF. RM	1200			3				19	20			3		1200			DRAFTING RM.
CONF. RM & MISC.		1200		4				21	22			4			1200		" "
RESTROOMS			1200	5				23	24			3				1200	" "
MISCELL.	1200			4				25	26			5		1200			MISCELL.
SOILS LAB.		1200		2				27	28			5			1200		"
" "			1200	2				29	30			4				1200	"
PLAN CHECK	1200			2				31	32			1		1200			TEL. BB.
" "		1200		2				33	34						1200		LV CONTR. PNL
" "			1200	4				35	36							1200	SPARE
OFFICE	1200			5				37	38					1200			
"		1200		6				39	40						1200		
"			1200	2				41	42							1200	
WATTS/PHASE	8400	8400	8400											8400	8400	8400	WATTS/PHASE

TOTAL 50,400 WATTS = 140 AMPS @ V, 3 ø 4 W
MAIN BUS: 225A, 3Φ, 4W, F.N.

SOUTH BUILDING

VOLTS 208/120V, 3Φ, 4W
MAIN 225A LUGS ONLY
PANEL "P3"
LOCATION
FEED
MTG

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
TV POWER	4800			1			30A 3P	1	2	20A 1P		1		1600			COUNCIL CHAMB.
PART OF CKT 1		4800			X	X		3	4			1			1600		EXH. FAN 1-2
" " " "			4800		X	X		5	6			ST				1200	LV CONTR. PNL
FLOOR POCKET	1200			2			20A 1P	7	8			ST		1200			" "
" "		1200		2				9	10			6			1200		REST & ANTE ROOM
COUNCIL CHAMB.			200	4				11	12			1				1200	TAPE RM
RESTROOMS	1000							13	14			2		800			OFFICE
KITCHENETTE		1200			1		20A 1P	15	16			2			1200		
PART OF CKT. 15			200		X	X		17	18			2				1200	
MANAGER	1000			4			20A 1P	19	20			3		1200			
ASSIT. MANAGER		1000		4				21	22			2			1200		
RECEPT.			1000	2				23	24							1200	EF-1 - EF-4
CONFERENCE	1000			4				25	26			5		1000			TESTING
OFFICE & WORK		1000		4				27	28			5			1000		OFFICE
SPARE			1200	1				29	30			4				1000	OFFICE
CONF. & MISC.	1200			4				31	32			4		1000			EQUIPT. RM
DUPL. MACHINE		2600		1			30A 2P	33	34			1			1000		TEL. BB
PART OF CKT. 33			2600		X	X		35	36							1000	SPARE
PRINT MACHINE	2600			1			30A 2P	37	38					1000			DF
PART OF CKT. 39		2600			X	X		39	40						1000		DF
DUPL. ROOM			1200				20A 1P	41	42							1000	E.W.H.
WATTS/PHASE	12800	14400	13200											7800	8200	7800	WATTS/PHASE

TOTAL 64,200 WATTS = 188 AMPS @ V, 3 ø 4 W

SOUTH BUILDING

VOLTS 208/120V, 3Φ, 4W
MAIN 100A, 3P CB.
PANEL "L4"
LOCATION
FEED
MTG

	LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD	
TS	LOBBY	900			6			20A 1P	1	2	20A 1P			8	820			STAIR N55	TS
TS			1200		8				3	4				6		600		STAIR	TS
TS				1200	8				5	6				3			680	RESTROOM	
	OFFICE AREA	700			6				7	8				2	1200			TEL. PUBLIC	
	SPARE		1000		–				9	10						200		EXIT LTS.	L-ON
	SPARE			1000	–				11	12							200	" "	L-ON
TS	ROOF PARKING	1200			10				13	14					1000			STAIR	TS
TS			1080		9				15	16						100		NIGHT & EMERG. LTS	
TS				1080	9				17	18							1000	SPARE	
	WATTS/PHASE	2800	3280	3280											3020	900	1880	WATTS/PHASE	

TOTAL 15,160 WATTS = 48.5 AMPS @ V, 3 ø 4 W
MAIN BUS 100A, 3Φ, 4W, F.N.

TS = 1,3,5,13,15,17, 2,4,&14 OPERATED BY TIME SW. & CONTACTOR. TIME SW. SHALL HAVE ASTRO-DIAL & CARRY-OVER FEATURE & CONTACTOR SHALL BE ELECTR. OPERATED, MECH. HELD, 120 VOLT, 60 CYCLE A C, 30 AMP ASCO 909 SERIES W/ Nº OF POLES AS REQ'D.
CIRC. 1,3,5 CONTROLLED BY (1)- TIME SW. ON FROM 6:00 TILL 21:00 HOUR
CIRC. 13,15,17,2,4&14 CONTROLLED BY (1)-TIME SW. ON FROM 17:00 TILL 8:00 HOUR

SOUTH BUILDING

VOLTS 480/277V, 3Φ, 4W
MAIN 225A, 3P CB
PANEL "L5"
LOCATION STORAGE RM.
FEED
MTG

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
OFFICES	3000			18			20A 1P	1	2	20A 1P			9	3300			OFFICES
		3500		6				3	4				6		3000		
			3000	8				5	6				6			3000	
	3000			6				7	8				18	3600			
		3000		6				9	10			2			3000		UNASSIGNED
			3000	11				11	12			2				3600	"
SPARE	3000							13	14			2		3000			"
		3000						15	16				4		700		MECH & ELEC. RM
			3000					17	18							3000	SPARE
SPACE	—						—	19	20					3000			
		—					—	21	22						3000		
			—				—	23	24							3000	
	—						—	25	26	—				—			SPACE
		—					—	27	28	—					—		
			—				—	29	30	—						—	
	—						—	31	32	—				—			
		—					—	33	34	—					—		
			—				—	35	36	—						—	
	—						—	37	38	—				—			
		—					—	39	40	—					—		
			—				—	41	42	—						—	
WATTS/PHASE	9600	9500	9600											12900	10300	12600	WATTS/PHASE

TOTAL 64,500 WATTS = 92 AMPS @ V, 3 ø 4 W
MAIN BUS 225 A, 3Φ, 4W, F.N.

FOR CIRCUITS CONTROLLED BY LOW VOLTAGE LOCAL OR LOW VOLTAGE MASTER SWITCHING SEE SH. E-4 CONTROL DIAGRAMS.
ALL BRANCH CB'S SHALL HAVE LOCK-OFF DEVICES.

SOUTH BUILDING

VOLTS 208/120V, 3Φ, 4W
MAIN 225 A, 3P CB
PANEL "L6"
LOCATION STORAGE
FEED
MTG

	LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD	
D	COUNCIL CHAMB.	1050			15			20A 1P	1	2	20A 1P			8	1200			CONCOURSE	TS
D			1050		7				3	4				7		1050		"	TS
D				1050	7				5	6				9			1240	MISCELL.	
D		1200			8				7	8				7	850			REST ROOMS	
D			1200		8				9	10				9		1080		ROOF PARKING	TS
D				1200	8				11	12				10			1200	"	TS
D		1200			8				13	14					600			FLAGPOLE	TS. LO
D			1200		8				15	16				8		160		NIGHT & EMERG. LTS	
D				1200	8				17	18							1000	SPARE	
	COVE LTS.	550			11				19	20					1000				
	TIME SWITCHES		200				*		21	22					1000				
	DIMMER CONTROL			200			*		23	24							1000		
L-ON	EXITS	100			4				25	26	—				—			SPACE	
L-ON	PART OF CKT 25		100		4				27	28	—					—			
	SPARE			100					29	30	—						—		
	SPARE	1000							31	32	—				—			SPACE	
			1000						33	34	—				—				
				1000					35	36	—						—		
	SPACE	—						—	37	38	—				—				
			—					—	39	40	—					—			
				—				—	41	42	—						—		
	WATTS/PHASE	5,100	4,750	4750											3,650	3,290	4,440	WATTS/PHASE	

TOTAL 25,980 WATTS = 76 AMPS @ V, 3 ø 4 W
MAIN BUS 225 A, 3Φ, 4W, F.N.

TS = 2,4,10,12,14 OPERATED BY TIME SW. & CONTACTOR. TIME SW. SHALL HAVE ASTRO-DIAL & CARRY-OVER FEATURE & CONTACTOR SHALL BE ELECTR. OPERATED, MECH. HELD, 120 VOLT, 60 CYCLE AC, 30 AMP ASCO - 909 SERIES W/ Nº OF POLES AS REQ'D.
CIRC. 2 & 4 CONTROLLED BY (1)- TIME SW. ON FROM 6:00 TILL 21:00 HOUR
CIRC. 10,12,14 CONTROLLED BY (1)- TIME SW. ON FROM 17:00 TILL 8:00 HOUR

NORTH BUILDING - NORTH END

VOLTS 480/277V, 3Φ, 4W
MAIN 225A, 3P CB
PANEL "L1"
LOCATION ELECT RM.
FEED
MTG

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
OFFICE & FILE	3000			6			20A 1P	1	2	20A 1P			12	2400			OFFICES
" "		3000		6				3	4				12		2400		"
" "			3500	7				5	6				10			2000	"
PUBLIC	3500			7				7	8				15	3000			WORK RM.
"		3500		7				9	10				18		3600		SERV. LOBBY
PUBLIC & DRAFTING			3500	7				11	12				18			3600	REC. SUPPL. & LAB
DRAFTING	3500			7				13	14					2000			VAULT
"		3000		6				15	16						1600		ELEC. TEL & EXT.
LOUNGE			3200	7				17	18							3000	MECH. RM.
SPARE	3000							19	20					3000			
		3000						21	22						3000		
			3000					23	24							3000	
SPACES	—						—	25	26					3000			
		—					—	27	28						3000		
			—				—	29	30							3000	
	—						—	31	32	—				—			SPACE
		—					—	33	34	—					—		
			—				—	35	36	—						—	
	—						—	37	38	—				—			
		—					—	39	40	—					—		
			—				—	41	42	—						—	
WATTS/PHASE	13000	12500	13200				—			—				13400	13600	15400	WATTS/PHASE

TOTAL 81,900 WATTS = 114 AMPS @ V, 3 ø 4 W
MAIN BUS 225A, 3Φ, 4W, F.N.

FOR CIRCUITS CONTROLLED BY LOW VOLTAGE LOCAL OR LOW VOLTAGE MASTER SWITCHING SEE SH. E-4 CONTROL DIAGRAMS.
ALL BRANCH CB'S SHALL HAVE LOCK-OFF DEVICES.

VOLTS 208/120V, 3Φ, 4W
MAIN 100A, 3P CB
PANEL "L2"
LOCATION ELECT. RM.
FEED
MTG

	LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD	
	VAULT	1200			10			20A 1P	1	2	20A 1P			2	1200			TEL. PUBLIC	
	RESTRMS + TEL		1200		8				3	4				8		1200		CONCOURSE	TS
	RESTROOMS			1200	8				5	6				8			1200	"	TS
TS	STAIR S3	800			8				7	8					120			EXIT LTS	L-ON
	SPARE		800						9	10						120		"	L-ON
	"			800					11	12							160	NIGHT & EMERG. LTS.	
	WATTS/PHASE	2,000	2,000	2,000											1320	1320	1360	WATTS/PHASE	

TOTAL 10,000 WATTS = 24 AMPS @ V, 3 ø 4 W
MAIN BUS 100A, 3Φ, 4W, F.N.

TS = CIRC. 7,4 & 6 OPERATED BY TIME SW. & CONTACTOR, TIME SW. SHALL HAVE ASTRO-DIAL & CARRY-OVER FEATURE & CONTACTOR SHALL BE ELECTR. OPERATED, MECH. HELD, 120 VOLT, 60 CYCLE AC, 30 AMP ASCO 909 SERIES W/ Nº OF POLES AS REQ'D.

NORTH BUILDING - SOUTH END

VOLTS 480/277V, 3Φ, 4W
MAIN 225A, 3P CB
PANEL "L3"
LOCATION
FEED
MTG

LOAD	WATTS AΦ	WATTS BΦ	WATTS CΦ	Ltg.	Rec.	Misc.	Bkr.	Ckt.	Ckt.	Bkr.	Misc.	Rec.	Ltg.	WATTS AΦ	WATTS BΦ	WATTS CΦ	LOAD
OFFICES	2800			4			20A 1P	1	2	20A 1P			8	3600			INSPECTORS
"		2800		4				3	4				8		3600		"
"			2800	4				5	6				7			3500	OFFICES
PLAN FILES	3600			9				7	8				9	3600			STOR. & DRAFTING
" "		3500		7				9	10				10		3500		ADV. PLANNING
			4000	8				11	12				16			3500	OFFICE AREA
PUBLIC AREA	3000			6				13	14					2400			STORAGE
" "		3000		6				15	16						3200		STORAGE
			3000	6				17	18							3000	
SPARE	3000							19	20					3000			
		3000						21	22						3000		
			3000					23	24							3000	
SPACE	—						—	25	26					3000			SPARE
		—					—	27	28						3000		
			—				—	29	30							3000	
	—						—	31	32	—				—			SPACE
		—					—	33	34	—					—		
			—				—	35	36	—						—	
	—						—	37	38	—				—			
		—					—	39	40	—					—		
			—				—	41	42	—						—	
WATTS/PHASE	12400	12300	12800											15,600	16,300	16,000	WATTS/PHASE

TOTAL 85,400 WATTS = 114 AMPS @ V, 3 ø 4 W
MAIN BUS 225 A, 3Φ, 4W, F.N.

FOR CIRCUITS CONTROLLED BY LOW VOLTAGE LOCAL OR LOW VOLTAGE MASTER SWITCHING SEE SH. E-4 CONTROL DIAGRAMS.
ALL BRANCH CB'S SHALL HAVE LOCK-OFF DEVICES.

Daylock Engineers
Mechanical and Electrical Engineering
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CIVIC CENTER
CITY OF THOUSAND OAKS, CALIFORNIA

PANEL SCHEDULES

REVISIONS:

E11
SHT. 85