LIGHT FIXTURE SCHEDULE (COORDINATE WITH ARCHITECT PRIOR TO ORDERING)

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION/ LOCATION	LAMPS		MOUNTING INSTRUCTIONS	REMARKS
				TYPE	WATTS		
A	NU LITE	WFT-232	KITCHEN	T8	2~32W	CEILING SURFACE	SOLID OAK TRIM
C	TGL	1096PB	DINING ROOM	MED	150	CEILING SURFACE	CHAIN HUNG, VER HEIGHT W/ARCH
D	WORLD IMPORTS	516-64	LIVING ROOM & BED ROOM	MED	2~60	CEILING SURFACE	
EF-1	SEE MECHANICAL			INC	100		
G	TGL	3504PB	BATHROOM	MED	4~60	WALL	
H	TGL	3618PB	UTILITY ROOM/HALL	MED	60	CEILING	POLISHED BRASS
K	COLUMBIA	UC24117	KITCHEN	F17T8	17	UNDER CABINET OR SHELF	
L	PRESCOLITE	LF6CFV32EB 6CFV FL B24	DOWNLITE/SHOWER	CFL	42	RECESSED	WET LOCATION
R	PRESCOLITE	115-962BZ	OUTSIDE	MED	75	WALL/EXTERIOR	
S							
T	GENERIC	CERAMIC BASE	WATER HEATER/ CONDITION ROOM	INC	100W	SURFACE	PULL CHAIN ON/OFF
V							
W	HUBBLE	LMC-175P-6-1-PC120	BUILDING LIGHTING	MH	75W	SURFACE	EXTERIOR LIGHTING W/PHOTO CELL

LINE-LINE VOLTAGE: 240 **PANEL: LP** (3 BRM Unit-Laundry) — **BUS SIZE: 200A**
S.C.A. 10K AIC — **MAINS: MLO**
MOUNTING: NEMA1 (Lockable)

Type Load	Load-va A	Load-va B	Ckt No.	Amps Pole	Buss	Amps Pole	Ckt No.	Load (VA) A	Load (VA) B	Type Load
Receptacles (AFCI)	1080		1	15/1	A	20/1	2	1500		Small Appliance Rec,s
Receptacles (AFCI)		1080	3	15/1	B	20/1	4		1500	Small Appliance Rec,s
Receptacles	900		5	15/1	A	35/2	6	3408		CU-1
Restroom		580	7	15/1	B		8		3408	CU-1
Dryer	2500		9	30/2	A	20/1	10	1500		Laundry Recpt
		2500	11		B	20/1	12		1200	Disposer
Range	4000		13	50/2	A	15/1	14	580		Restroom
		4000	15		B	20/1	16		900	Lighting
BD RM Recepts (AFCI)	900		17	15/1	A	20/1	18	900		Lighting
BD RM Recepts (AFCI)		900	19	15/1	B	20/1	20		1320	F-1
BD RM Recepts (AFCI)	900		21	15/1	A	20/2	22	270		Ext Lighting
Dryer	2500		23	30/2	B	20/1	24			Spare
		2500	25		A	20/1	26			Spare
Dryer	2500		27	30/2	B	15/1	28		900	Future Radon Fan
		2500	29		A	15/1	30	900		Future Radon Detector
RCP-1		750	31	20/1	B	15/1	32			Spare
Laundry Recpt	1500		33	20/1	A	15/1	34			Spare
Laundry Recpt		1500	35	20/1	B		36			Space
Laundry Light/F-2	260		37	20/1	A		38			Space
Space			39		B		40			Space
SUB TOT	17040	16310						9058	9228	
TOTAL VA	**Line-A**	26098						**Line-B**	25536	51636

DESCRIPT	DU	Watts	DEMAND		
Small Appl	2	1500	100%	3000	
Laundry Ckt	3	1500	100%	4500	
Gen illum.	1	5250	100%	5250	
Radon	2	900	100%	1800	
Disposer	1	1200	100%	1200	
Range	1	8000	100%	8000	
Dryer	3	5000	100%	15000	
			Sub Tot	38750	plus HVAC 46316

DEMAND (per NEC 220.82)

1st	10000	100%	10000	10000
Remainder	28750	40%	11500	11500
HVAC/RCP	7566	100%	7566	7566

Sq. Ft.	Watt/S.F.		Gen Lites, Watts		
1750	3	=	5250	Total va	29066
*includes Bathroom & Outdoor Rec & Lights				Amp	121
				Pnl @ 125% =	151.4

LINE-LINE VOLTAGE: 240 **PANEL: LP1** (3 BRM Unit) — **BUS SIZE: 200A**
S.C.A. 10K AIC — **MAINS: MLO**
MOUNTING: NEMA1

Type Load	Load-va A	Load-va B	Ckt No.	Amps Pole	Buss	Amps Pole	Ckt No.	Load (VA) A	Load (VA) B	Type Load
Receptacles (AFCI)	1080		1	15/1	A	20/1	2	1500		Small Appliance Rec,s
Receptacles (AFCI)		1080	3	15/1	B	20/1	4		1500	Small Appliance Rec,s
Receptacles	900		5	15/1	A	35/2	6	3408		CU-1
Restroom		580	7	15/1	B		8		3408	CU-1
Dryer	2500		9	30/2	A	20/1	10	1500		Laundry Recpt
		2500	11		B	20/1	12		1200	Disposer
Range	4000		13	50/2	A	15/1	14	580		Restroom
		4000	15		B	20/1	16		900	Lighting
BD RM Recepts (AFCI)	900		17	15/1	A	20/1	18	900		Lighting
BD RM Recepts (AFCI)		900	19	15/1	B	20/1	20		1320	F-1
BD RM Recepts (AFCI)	900		21	15/1	A	15/1	22	270		Ext Lighting
Spare			23	15/1	B	20/1	24			Spare
Spare			25	15/1	A	20/1	26			Spare
Space			27		B	15/1	28		900	Future Radon Fan
Space			29		A	15/1	30	900		Future Radon Detector
SUB TOT	10280	9060						9058	9228	
TOTAL VA	**Line-A**	19338						**Line-B**	18288	37626

DESCRIPT	DU	Watts	DEMAND		
Small Appl	2	1500	100%	3000	
Laundry Ckt	1	1500	100%	1500	
Gen illum.	1	5250	100%	5250	
Radon	2	900	100%	1800	
			100%	0	
Range	1	8000	100%	8000	
Dryer	1	5000	100%	5000	
			Sub Tot	24550	plus HVAC 31366

DEMAND (per NEC 220.82)

1st	10000	100%	10000	10000
Remainder	14550	40%	5820	5820
HVAC	6816	100%	6816	6816

Sq. Ft.	Watt/S.F.		Gen Lites, Watts		
1750	3	=	5250	Total va	22636
*Includes Bathroom & Outdoor Rec & Lights				Amps	94.3
				PNL @ 125% =	118

LINE-LINE VOLTAGE: 240 **PANEL: LP4** (4 BRM Unit) — **BUS SIZE: 200A**
S.C.A. 10K AIC — **MAINS: MLO**
MOUNTING: NEMA1

Type Load	Load-va A	Load-va B	Ckt No.	Amps Pole	Buss	Amps Pole	Ckt No.	Load (VA) A	Load (VA) B	Type Load
Receptacles (AFCI)	1080		1	15/1	A	20/1	2	1500		Small Appliance Rec,s
Receptacles (AFCI)		1080	3	15/1	B	20/1	4		1500	Small Appliance Rec,s
Receptacles	900		5	15/1	A	45/2	6	4104		CU-2
Restroom		580	7	15/1	B		8		4104	CU-2
Dryer	2500		9	30/2	A	20/1	10	1500		Laundry Recpt
		2500	11		B	20/1	12		1500	Computer Rm
Range	4000		13	50/2	A	15/1	14	580		Restroom
		4000	15		B	20/1	16		900	Lighting
BD RM Recepts (AFCI)	900		17	15/1	A	20/1	18	900		Lighting
BD RM Recepts (AFCI)		900	19	15/1	B	20/1	20		900	Lighting
BD RM Recepts (AFCI)	900		21	15/1	A	20/1	22	450		Ext Lighting
BD RM Recepts (AFCI)		900	23	15/1	B	20/1	24		1776	F-2
Spare			25	15/1	A	20/1	26	1200		Disposer
Spare			27	15/1	B	15/1	28		900	Future Radon Fan
Spare			29	20/1	A	15/1	30	900		Future Radon Detector
SUB TOT	10280	9980						11134	11580	
TOTAL VA	**Line-A**	21414						**Line-B**	21540	42954

DESCRIPT	DU	Watts	DEMAND		
Small Appl	2	1500	100%	3000	
Laundry Ckt	1	1500	100%	1500	
Gen illum.	1	7500	100%	7500	
Radon	2	900	100%	1800	
Disposer	1	1200	100%	1200	
Range	1	8000	100%	8000	
Dryer	1	5000	100%	5000	
			Sub Tot	28000	plus HVAC 38208

DEMAND (per NEC 220.82)

1st	10000	100%	10000	10000
Remainder	18000	40%	7200	7200
HVAC	8208	100%	8208	8208

Sq. Ft.	Watt/S.F.		Gen Lites, Watts		
2500	3	=	7500	Total va	25408
				@ 240v-1ph	
				Amps	106
*Includes Bathroom & Outdoor Rec & Lights				PNL @ 125% =	132

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SEAL / CERTIFICATION

DAVID J. REDDING NEW MEXICO 14514 REGISTERED PROFESSIONAL ENGINEER
6/10/09

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ABQ Project Number: 28176

PROJECT NAME

Chinle Valley School Group Homes
Chinle, Arizona

CLIENT NAME

Navajo Housing Authority
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Fax:(928) 871-2604

No.	Description	Date

LIGHTING AND PANEL SCHEDULES

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Project number	08-04
Date	6/10/09
Drawn by	JB
Checked by	AS

E-601

Scale