SWITCHBOARD MDP SCHEDULE									
MAIN BU	SS: 800A MCB	VOLT: 208Y/120	NEMA RATING: 1	3 PHASE	4 WIRE	MIN. A.I.C. 22000	MOUNTING: SURFACE		
CIRCUIT	SERVES	FEEDE	₹	FRAME/T	RIP/POLE	LOAD (kVA)	NOTES		
1	PANEL A1	SEEE FEEDER SC	HEDULE (E-0.1)	400A/400A	4/3P	122.4	TYPE DK		
2	PANEL G	SEEE FEEDER SC	HEDULE (E-0.1)	225A/150A	4/3P	44.1	TYPE FD		
3	PANEL EB1	SEEE FEEDER SC	HEDULE (E-0.1)	600A/400A	4/3P	79.9	TYPE LGE W/ 310+LSI		
4	PANEL ES	SEEE FEEDER SC	HEDULE (E-0.1)	225A/100/	4/3P	2.95	TYPE FD OR GHB		
5	SPACE	-		-		-	-		
6	SPACE	e.		-		-	-		
7	SPACE	=		-		-	-		
8	SPACE	=		-		-	-		
9	SPACE	-		-		-	-		
10	SPACE	-		-		-	-		
11	SPACE	-		-		-	-		
12	SPACE	9		-		=			
	TOTALS: 2	49.4							

- SWITCHBOARD TO HAVE EATON 1200A FRAME AND BUSS WITH 800A TRIP FOR PROPER SELECTIVE COORDINATION.
 PROVIDE SHUNT TRIP MAIN BREAKER TIED TO EXTERIOR PUSH BUTTON. SEE RISER. BREAKER TO BE TYPE NGS WITH 310+ ASLI TRIP.
 ALL BREAKER TYPES LISTED ABOVE TO BE BY EATON.
 SELECTIVE COORDINATION OF ALL BREAKERS TO 0.0 SECONDS IS REQUIRED.

SCHEDULE OF PANEL A2																				
CKT. NO.	TRIP POLE	DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	Α	В	С	MISC	MTR	A/C	HTG	REC	LTS	DESCRIPTION	TRIP POLE	CKT.
1	20/1	EXTERIOR BLDG LTG	0.60						•	-	Τ							SPARE	20/1	2
3	20/1	LOBBY/FRONT OFFICE LTG	0.99				0.03		П	•	Т							SPARE	20/1	4
5	20/1	OFFICE/HALL LTG	0.96				0.03		П		•					1.08		FILES/STORAGE REC	20/1	6
7	20/1	HALL/TRAINING/LIVING LTG	1.30				0.11		٠	,	Т						0.20	SIGNAGE	30 /	8
9	20/1	SPARE							П	•	Т						0.20	SIGNAGE	/	10
11	20/1	COMMUNITY REC		0.72					П		Ť						0.20	SIGNAGE	/ 3 ₄	dilli
13	20/1	LOBBY/REST/COM REC		0.90					٠	П	Т	2.60						OVEN	40	14
15	20/1	OFFICE REC		1.08					П	•	Т	2.60						OVEN		16
17	20/1	OFFICE REC		1.08					П		Ŧ	2.60						<i>[[844]]</i>	40	18
19	20/1	HALL REC		1.08					٠		Т	2.60						OVEN	∕ .₹	
21	20/1	OFFICE REC		1.08					П	•	Т	1.20						+ DISH ASHER	2001	22
23	20/1	OFFICE/STORAGE REC		1.08					П	T	•					1.08		FIRE LIVING SEC	/// 1	24
25	20/1	TRAINING/KITCH/HALL REC		1.08					٠	Т	Т					0.72		ALL/RESTROOM N	20/1	26
27	20/1	TRAINING REC		1.08					П	•	Т					1.08		LEEPING QUADERS REC	20/1	28
29	20/1	TRAINING REC		1.08					П		•					1.08	W.	SLEEPIN QUARTERS REC	20/1	30
31	20/1	TRAINING REC		1.08					٠		1	0		Ma.			77//	QUARTERS REC	20/1	32
33	30	SITE LIGHTING	1.36						П	•	Т	0.60	-					WASHER	20/1	34
35	/ 2	SITE LIGHTING	1.36						П	T	•	2//4	W .	W.		7		DRYER	30 /	36
37	20/1	SITE OUTLETS		1.08		11			•	,	Т	2.50				1		DRYER	/ 2	38
39	20/1	SPARE							П	•	Т					0.90		HALL/LAUNDRY REC	20/1	40
41	20/1	PRINTER/COPIER		1			7	80	П		ø	1	7		1	1.08		FILES/STORAGE REC	20/1	42
CAT	EGORY	TOTALS CONNECTED (KVA)	6.66	12.3)	0.17					17				8.10	0.60	CATEGORY TOTALS CONNE	CTED (K)	/A)
20	0A MLO	MAIN RATING 120/208		VAC	3 %	M %E	4	WIN	&	PF	RO)	nge i	EED-	THRU	LUGS		NO	TOTAL CONNECTED LOA	D:	46.6
М	INIMUM E	BREAKER AIC: 22000	PRO		BUS		N.	0		MAN .	KA	TING:	1	MC	IITNUC	NG:	SURF	ACE TOTAL DEMAND LOAD	D:	42.2
*	-DENOTE	ES PROVIDE LOGIO	T BRE.	AK		+**	ООТ	ES P	K	/IDE	GF	CI CIF	RCUIT	BREA	KER	#	-DEN	OTES PROVIDE AFCI CIRCUIT	BREAKE	:R
NOTES:																				
	dli	(Wh.		ž	///	CH	ΙFΓ	πи	E		١F	PA	NE	-1 4	Δ1					

L						// S	SCF	IEC	UL	E	: C	<u>)</u>	· PA	NE	:L <u>/</u>	<u> 11</u>						
C N	KT. O.	TRIP POL	DESCRIPTION	TS	M.	HTG	A/C	MTR	MISC	Α	В	С	MISC	MTR	A/C	HTG	REC	LTS		DESCRIPTION	TRIP POLE	CKT. NO.
	1	20/1	2						0.10	•	•		3.00							WH-4	40 /	2
	3	20/1							0.10		٠		3.00							WH-4	/ 2	4
	5	15/1	DH-M						0.02			•	3.15							WH-5	40 /	6
	7	20 /	AHU-4				0.79			•	•		3.15							WH-5	/ 2	8
L	9	/	AHU-4				0.79			Ц	•	\perp						<u> </u>		SPARE	20/1	10
	11	/ ³ @	HU-4				0.79			Ц	\perp	•			2.88					CU-4	30 /	12
	13	15/1	AHU-5				1.08			٠	<u> </u>	\perp			2.88					CU-4	/_	14
_	15	15/1	AHU-6				0.65			Ц	٠	\perp			2.88					CU-4	$\sqrt{}^3$	16
Ľ	17	20 /	AHU-7				1.42				\perp	•			2.08					CU-4	35	18
Ŀ	19	.	AHU-7				1.42			•	1	\perp			2.08					CU-4	/ 2	20
- ⊢	21	/ 3	AHU-7				1.42			Ц	•	1			2.50					CU-6	20 /	22
Ŀ	23	15/1	AHU-8				1.18			Ц	\perp	٠			2.50					CU-6	/ 2	24
Ŀ	25	-	SPACE							٠	1	\perp			8.05					CU-7	90 /	26
Ŀ	27	15/1	AHU-9				0.65			Ц	٠	\perp			8.05					CU-7	3	28
Ŀ	29	15/1	DH-3						0.02	Ц	\perp	•			8.05					CU-7	<u>/</u>	30
- 3	31	15/1	DH-4						0.02	٠	1	\perp			2.91					CU-8	50	32
:	33	30	UH-8						2.00	Ц	•	\perp			2.91					CU-8	/ 2	34
Ŀ	35	/ 2	UH-8						2.00	Ц	\perp	٠			1.87					CU-9	30 /	36
- ⊢	37	200 /	PANEL A2						14.1	٠	1	4			1.87					CU-9	/ 2	38
Ŀ	39	/ ,	PANEL A2						14.1	Ц	٠	1	2.00							UH-7	30/	40
Ŀ	41	/ 3	PANEL A2						14.1			•	2.00							UH-7	/ ²	42
-			TOTALS CONNECTED (KVA)		Ц,		10.2		46.2	f			14.5		51.5				CATE	GORY TOTALS CONNEC		
L		0A MLO	MAIN RATING 120/208		VAC		HASE		WIRE	L			VIDEF		_			NO		TAL CONNECTED LOAI	D: 1	122.4
L			BREAKER AIC: 22000		VIDE IO			N		_			ATING:			UNTIN		SURF		TOTAL DEMAND LOAD	-	122.4
Ŀ	÷	-DENOTE	S PROVIDE LOCK-ON CIRCUI	T BRE	AKER		+-D	ENOT	ES PR	0\	/IDE	G	FCI CIF	RCUIT	BREA	KER	#	-DEN	OTES F	PROVIDE AFCI CIRCUIT	BREAKE	:R

L	
	NOTES:

CKT	TRIP		_	_					_			F P/			Ē-	_				TRIP	1 CI
١٥.	POLE	DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	A	В	C	MISC		A/C	HTG	REC	LTS		DESCRIPTION	POLE	N
1	20/1	STORAGE LIGHTING	0.50				0.30		ļ	1	4		0.42						EF-6	20 /	Ľ
3	20/1	APPARATUS BAY REC	<u> </u>					1.00	Ц	•	+		0.42						EF-6	/3	Ŀ
5	20/1	APPARATUS BAY REC						1.00	Ц	4	•		0.42						EF-6	/	
7	20/1	STORAGE LAUNDRY REC		1.08					ļ٠	1	4		0.42						EF-7	20 /	L
9	20/1	APPARATUS BAY REC		0.72					Ц	٠	1		0.42						EF-7	/3	_1
11	20/1	WASHER						0.60	Ц	1	•		0.42						EF-7	/	1
13	20/1	WASHER						0.60	P	1	\perp		3.64						AIR COMPRESSOR	60/	Ľ
15	30	DRYER						2.50	Ц	٠	\perp		3.64						AIR COMPRESSOR	/ 2	1
17	/ ²	DRYER						2.50	Ц	\perp	٠					1.08		OUTDO	OR RECEPTACLES	20/1	_1
19	30	DRYER						2.50	L	<u>. </u>	⊥		3.12						AIR COMPRESSOR	60 /	Ľ
21	/ 2	DRYER						2.50	Ш	٠			3.12						AIR COMPRESSOR	/ 2	2
23	20/1	SPARE							Ш		٠	0.20							DRYER	20/1	2
25	20/1	APPARATUS BAY REC						1.00	•	•		0.48						+	ICE MAKER	20/1	2
27	20/1	APPARATUS BAY REC						1.00	П	٠	T						0.92	APPARA	TUS BAY LIGHTING	20/1	2
29	20/1	APPARATUS BAY REC						1.00	П	Т	٠						0.92	APPARA	TUS BAY LIGHTING	20/1	3
31	20/1	APPARATUS BAY REC						1.00	•	•	Τ								SPACE		3
33	20/1	APPARATUS BAY REC						1.00	П	•	Т								SPACE		3
35	20/1	APPARATUS BAY REC						1.00	П	Τ	•								SPACE		3
37	20/1	APPARATUS BAY REC						1.00	•	,	T								SPACE		3
39	20/1	APPARATUS BAY REC						1.00	П	•	T								SPACE		4
41	-	SPACE							П	T	•								SPACE		4
CAT	EGORY	TOTALS CONNECTED (KVA)	0.50	1.90			0.30	21.2			Ė	0.68	16.1			1.08	1.84	CATEGO	RY TOTALS CONNE	CTED (K	VA)
15	0A MLO	MAIN RATING 120/208	١.	/AC	3 P	HASE	4	WIRE	Т	Р	RO	VIDE F	EED-	THRU	LUGS:	•	NO	TOTA	L CONNECTED LOA	D:	43
М	INIMUM E	BREAKER AIC: 10000	PRO\	/IDE IC	3 BUS	BAR:	N	o	NE	MA	RA	TING:	1	MC	NITNUC	IG:	SURF	ACE T	OTAL DEMAND LOA	D:	44
*	-DENOTE	S PROVIDE LOCK-ON CIRCUI	T BRE.	AKER		+-D	ENOT	ES PF	۲O۱	/IDE	G	FCI CIF	RCUIT	BREA	KER	#	-DEN	OTES PRO	OVIDE AFCI CIRCUIT	BREAKE	≣R

FANNIN COUNTY: 722 Black Dog Trail

P.O. Box 639 Blue Ridge, GA 30513 Phone 706.374.4304

COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770.790.3655 Fax 770.790.3650



FANNIN CO. PUBLIC SAFETY COMPLEX 964 WINDY RIDGE ROAD BLUE RIDGE, GA 30513

PANEL SCHEDULES - ELECTRICAL

ISSUE: REVISIONS:



DRAWN BY/ CHECKED BY:	DATE:
IJC/SWL	4.19.2017
PROJECT NO.	SHEET NO.:

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