

Branch Panel: B

Location: ELECTRICAL ROOM
Supply From: MP
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/240 Single
Phases: 1
Wires: 3
Isolated Ground: No

Fault Current:
Mains Type: MCB
Bus Rating: 200 A
MCB Rating: 200A

Notes	CKT	Circuit Description	Trip	P	A	B	P	Trip	Circuit Description	CKT	Notes
	1	RECEPT PRE SCHOOL 259	20	1	900	500	1	20	WATER COOLER 259	2	
	3	WATER COOLER 261	20	1	900	500	1	20	RECEPT PRE SCHOOL 261	4	
	5	RECEPT OLDER TODDLERS 255	20	1	900	500	1	20	RECEPT OLDER TODDLERS 262	6	
	7	RECEPT OFFICE 260	20	1	540	720	1	20	RECEPT RECEPTION 271	8	
	9	DOORBELL	20	1	300	360	1	20	RECEPT GYM 272	10	
	11	RECEPT CORRIDOR	20	1	720	720	1	20	RECEPT INFANTS 257	12	
	13	RECEPT ADULT RR 256	20	1	180	270	1	20	UC REFRIG - INFANTS 257	14	
	15	RECEPT YOUNG TODDLERS 258	20	1	900	1200	1	20	DISHWASHER 2 KITCHEN 263	16	GFCI
GFCI	17	DISHWASHER 1 KITCHEN 263	20	1	1200	1000	1	20	REFRIG/FREEZER KITCHEN 263	18	GFCI
	19	MICROWAVE KITCHEN 263	20	1	1500	1680	1	20	WASHER LAUNDRY 264	20	
GFCI	21	DRYER	30	2	2800	900	1	20	RECEPT GA PRE-K 254	22	
--	23	--	--	--	2900	540	1	20	RECEPT ATTIC	24	
LK	25	FACP	20	1	500	180	1	20	SECURITY	26	LK
	27	RECEPT ELEC ROOM	20	1	360	360	1	20	RECEPT EXTERIOR	28	
	29	WATTER COOLER CORRIDOR	20	1	500					30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	
Total Load:					11390 VA	13440 VA					
Total Amps:					95 A	112 A					

Load Classification	Connected Load	Estimated Demand	Panel Totals
Other	980 VA	980 VA	
Receptacle	18680 VA	14340 VA	Total Conn. Load: 24830 VA
Kitchen Equipment	5170 VA	3619 VA	Total Est. Demand: 18939 VA
			Total Conn.: 103 A
			Total Est. Demand: 79 A

Notes Legend:
GFCI - Provide Ground Fault Circuit Interrupt breaker.
AFCI - Provide Arch Fault Circuit Interrupt breaker.
LK - Provide lockable breaker.
EX - Existing circuit.

Series Rating Allowed: No
Feed-Through Lugs: No
Sub-Fed Lugs: No
Surge Protective Device: No

Branch Panel: A

Location: ELECTRICAL ROOM
Supply From: MP
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/240 Single
Phases: 1
Wires: 3
Isolated Ground: No

Fault Current:
Mains Type: MCB
Bus Rating: 200 A
MCB Rating: 100A

Notes	CKT	Circuit Description	Trip	P	A	B	P	Trip	Circuit Description	CKT	Notes
	1	LTG - PRESCHOOLERS II 259 261	20	1	346	515	1	20	LTG - OLDER TODDLERS 255 262	2	
	3	LTG - GYM 272 / INFANTS 257	20	1	315	284	1	20	LTG - YOUNG TODDLERS 258	4	
	5	LTG - KITCHEN 263	20	1	304	284	1	20	LTG - GA PRE-K 254	6	
	7	LTG - CORRIDOR	20	1	670	650	1	20	LTG - EXTERIOR SOFFIT	8	
	9	TIMECLOCK	20	1	180					10	
	11									12	
	13									14	
	15									16	
	17									18	
	19									20	
	21									22	
	23									24	
	25									26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	
Total Load:					1629 VA	1919 VA					
Total Amps:					14 A	16 A					

Load Classification	Connected Load	Estimated Demand	Panel Totals
Lighting	3368 VA	4210 VA	Total Conn. Load: 3548 VA
Other	180 VA	180 VA	Total Est. Demand: 4390 VA
			Total Conn.: 15 A
			Total Est. Demand: 18 A

Notes Legend:
GFCI - Provide Ground Fault Circuit Interrupt breaker.
AFCI - Provide Arch Fault Circuit Interrupt breaker.
LK - Provide lockable breaker.
EX - Existing circuit.

Series Rating Allowed: No
Feed-Through Lugs: No
Sub-Fed Lugs: No
Surge Protective Device: No

Distribution: MP

Location: EXTERIOR
Supply From: MP
Mounting: SURFACE
Enclosure: TYPE 3R

Volts: 120/240 Single
Phases: 1
Wires: 3
Isolated Ground: No

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 800 A
MCB Rating: 800

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANEL A	2	400 A	20 A	3548 VA	
2	PANEL B	2	400 A	20 A	24830 VA	
3						
4						
5						
6						
7						
8						
9						
10						
Total Conn.:					2837 VA	
Total Amps:					18 A	

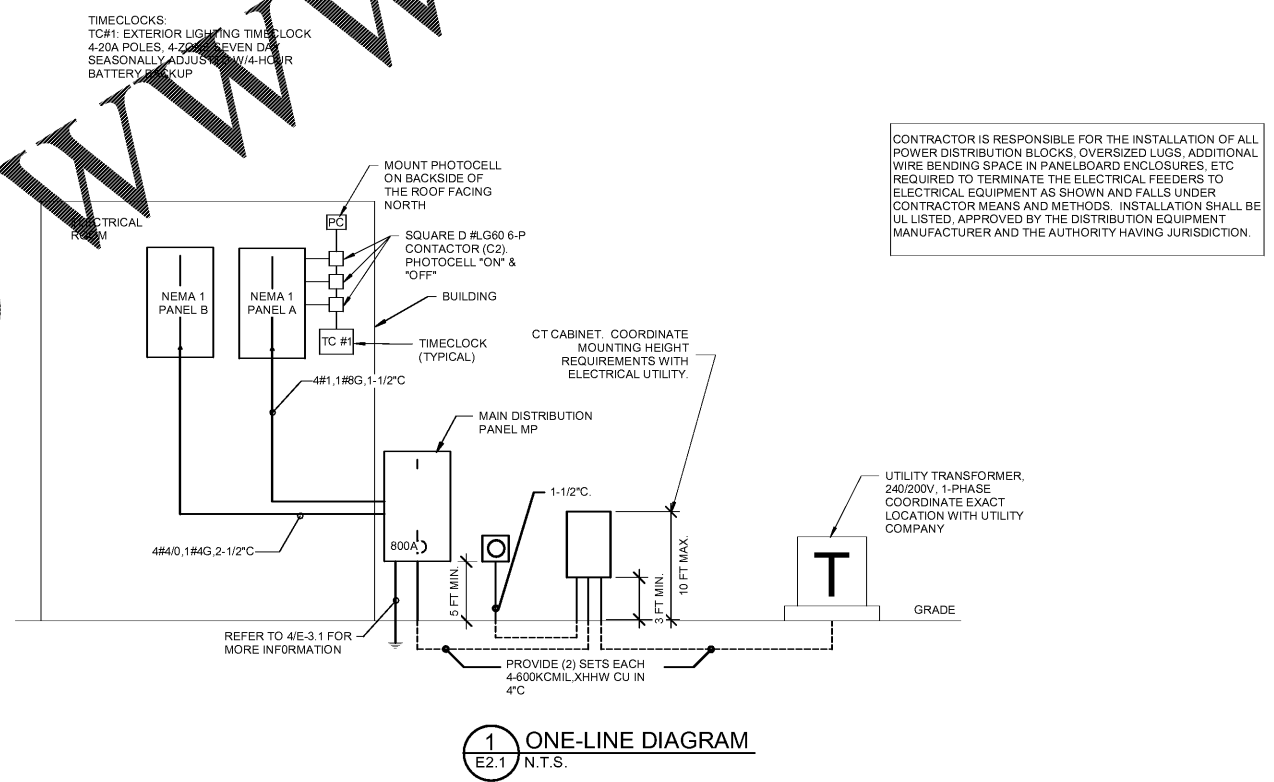
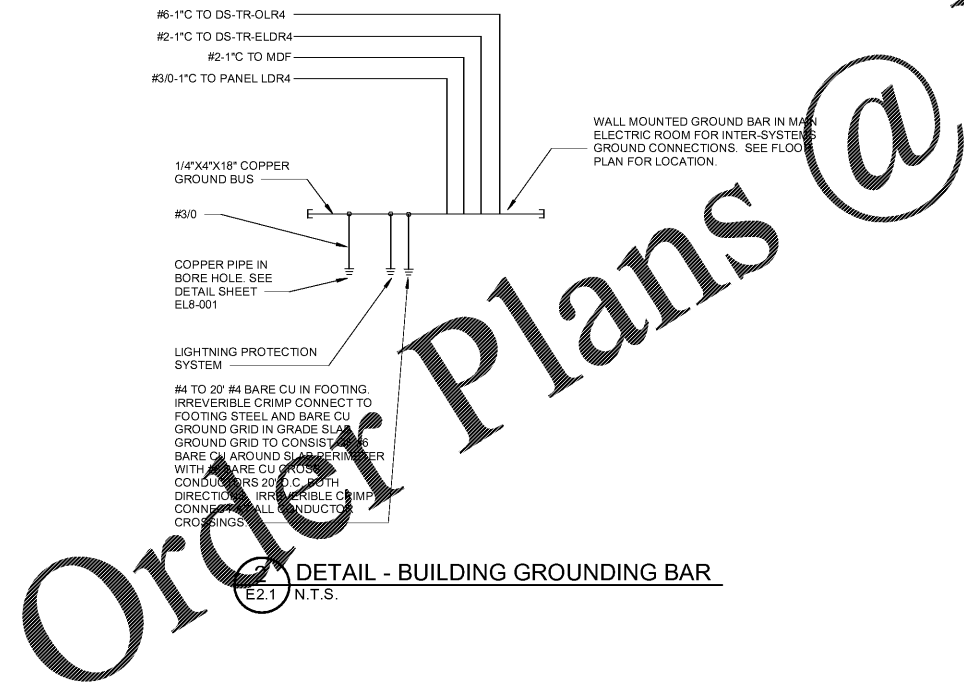
Legend:	Connected Load	Estimated Demand	Panel Totals
Kitchen Equipment	5170 VA	3619 VA	
Lighting	3368 VA	4210 VA	Total Conn. Load: 2837 VA
Other	1160 VA	1160 VA	Total Est. Demand: 23329 VA
Receptacle	18680 VA	14340 VA	Total Conn.: 118 A
			Total Est. Demand: 97 A

Surge Protective Device: No

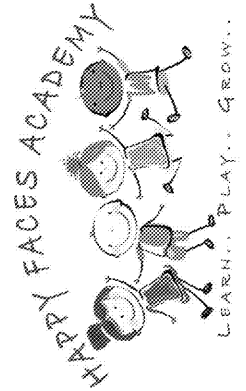
JOB NUMBER: 19221
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CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL POWER DISTRIBUTION BLOCKS, OVERSIZED LUGS, ADDITIONAL WIRE BENDING SPACE IN PANELBOARD ENCLOSURES, ETC. REQUIRED TO TERMINATE THE ELECTRICAL FEEDERS TO ELECTRICAL EQUIPMENT AS SHOWN AND FALLS UNDER CONTRACTOR MEANS AND METHODS. INSTALLATION SHALL BE UL LISTED, APPROVED BY THE DISTRIBUTION EQUIPMENT MANUFACTURER AND THE AUTHORITY HAVING JURISDICTION.



PROJECT LOCATION:
2865 WEBB ROAD
MILTON, GA 30004

REVISIONS		
NO	DATE:	DESCRIPTION:

RISER DIAGRAM AND PANEL SCHEDULES - ELECTRICAL

E2.1
DATE 10/21/20

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