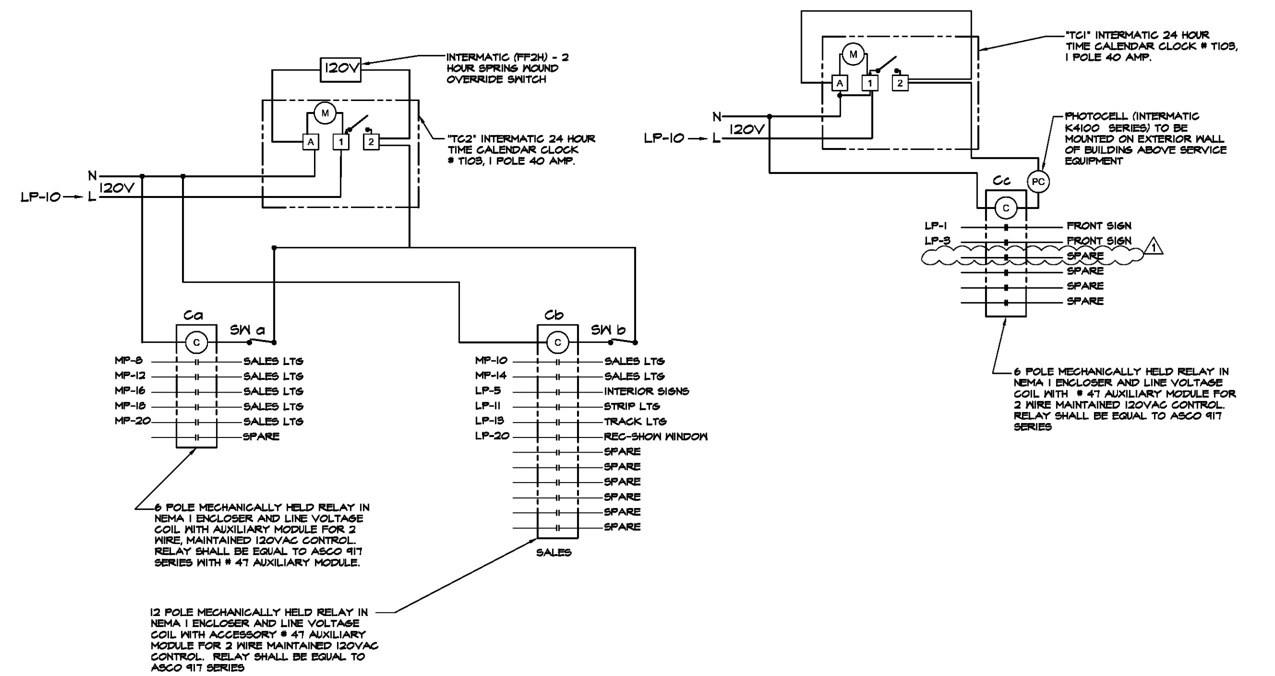
TIMECLOCK TC2 NOTES:

1. LIGHTING SHALL BE "ON" DAILY FROM 8:00AM TO 11:00PM.
2. DURING SET "OFF" TIME LIGHTING TO BE CONTROLLED BY MANUAL OVERRIDE SWITCH.

TIMECLOCK TC1 NOTES:

1. LIGHTING SHALL BE "ON" AT 11:00AM AND "OFF" AT 12:00AM (MIDNIGHT).
2. DURING SET "ON" TIME LIGHTING TO BE CONTROLLED BY PHOTOSENSOR.

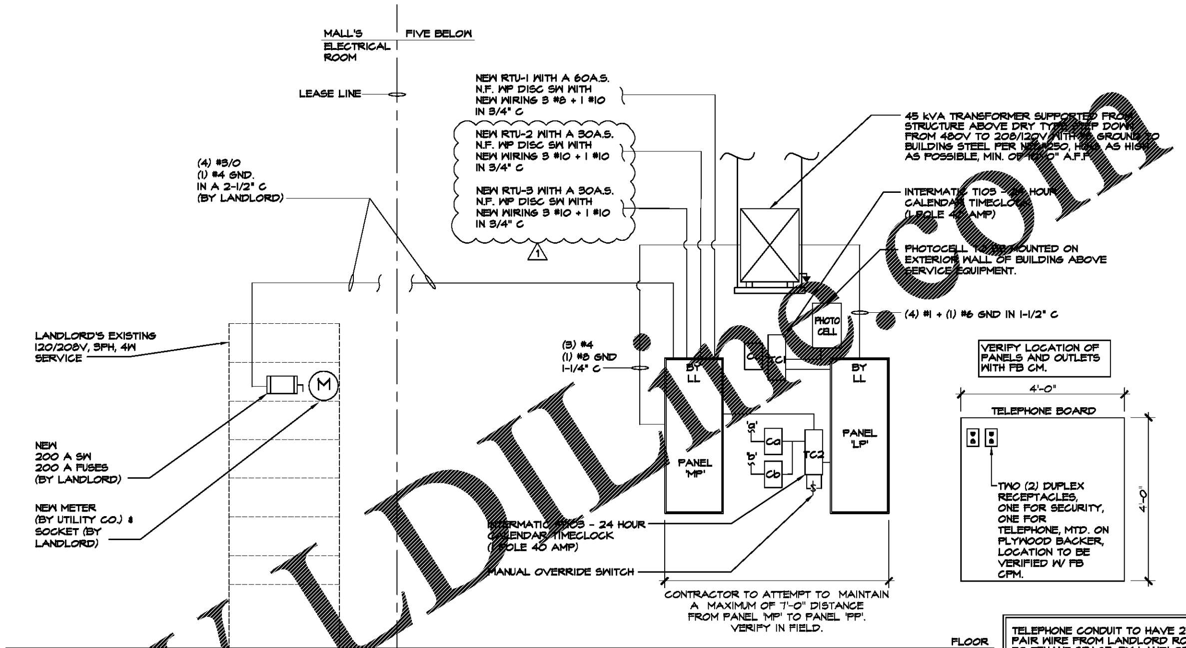


1 CONTACTOR TIME CLOCK DETAILS

NTS

NOTES:

1. ALL WORK BY LANDLORD CONTRACTOR.
2. TELEPHONE CONDUIT W/ PULL STRING FROM LANDLORD ROOM TO TENANT SPACE.
3. ELECTRICAL CONTRACTOR TO INSTALL PANELS IN A CLOSE, COMPACT LAYOUT.
4. ONLY USE 7 DAY TIMECLOCK IN BLUE LAW AREAS. OTHERWISE USE A 24 HOUR TIMECLOCK.



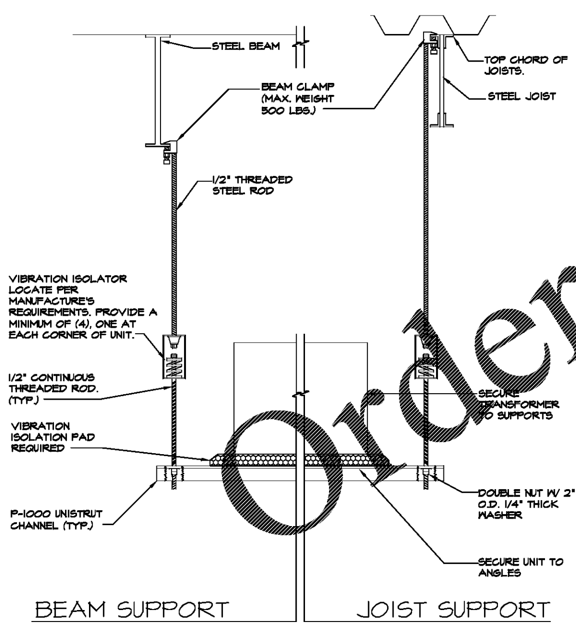
TELEPHONE CONDUIT TO HAVE 25 PAIR WIRE FROM LANDLORD ROOM TO TENANT SPACE. BY LANDLORD.

2 RISER DIAGRAM

NTS

NOTES:

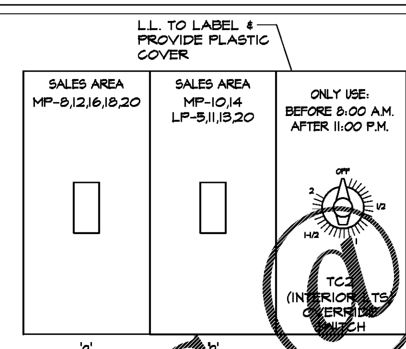
1. CONSULT WITH LANDLORD'S STRUCTURAL ENGINEER FOR LOCATION AND HANGING REQUIREMENTS FOR EQUIPMENT 300 LBS. OR MORE.
2. SIZE OF STRUCTURAL SUPPORTS (ROD ANGLES, ETC.) ARE MIN. AND SHALL BE SIZED BY TENANT OR TENANT'S CONTRACTOR AS REQUIRED FOR PROPER SUPPORT AND STRUCTURAL INTEGRITY.
3. DO NOT DRILL HOLES IN EXISTING STRUCTURAL MEMBERS UNLESS APPROVED BY LANDLORD IN WRITING.
4. ATTACHMENT TO TOP CHORD OF TRUSS IS REQUIRED.



* G.C. TO VERIFY HANGING CONDITION IN FIELD.

3 HANGING TRANSFORMER DETAIL

NTS



3 MASTER LIGHTING SWITCH BANK

NTS

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION.

2. ALL SWITCHES ARE TO BE @ 46" AFF AND ARE TO BE 20A 120/277V 'T' RATED SPEC. GRADE TYPE.

3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE BUILDING CODE, AND ANY OTHER LOCAL CODES AND ORDINANCES.

4. WORKMANSHIP SHALL BE FIRST QUALITY AND IN ACCORDANCE WITH BEST PRACTICES FOR THE TRADE BY SKILLED WORKERS.

5. LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE ACTUAL LOCATIONS WITH OTHER TRADES AND THE OWNER OF THE OWNERS AUTHORIZED REPRESENTATIVE.

6. UNLESS OTHERWISE NOTED, CONDUCTOR INSULATION SHALL BE TYPE THHN, RATED 600V AC AND 75 DEG. C. CONDUCTORS FOR USE IN POWER AND LIGHTING CIRCUITS NO. 10 AND SMALLER SHALL BE SOLID, NO. 8 AND LARGER CONDUCTORS SHALL BE STRANDED. CONDUCTORS FOR USE IN CONTROL AND SIGNAL CIRCUITS SHALL BE NO. 14 STRANDED. ALL CONDUCTORS SHALL BE COPPER.

7. CONDUIT RUNS SHALL BE INSTALLED PER STATE AND LOCAL CODES.

8. ALL MATERIALS SHALL BE NEW, WITH U.L. APPROVED LABELS.

9. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT AND OPEN CIRCUITS.

10. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES AND PERMITS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT.

11. THE CONTRACTOR SHALL FURNISH THE CERTIFICATE OF ELECTRICAL INSPECTION TO THE OWNER AT THE COMPLETION OF THIS PROJECT.

12. ALL ELECTRICAL EQUIPMENT SHOWN SHALL BE ELECTRICALLY PROTECTED AND PROPERLY WIRED IN ACCORDANCE WITH THE STATE BUILDING CODES. COORDINATE LOCATIONS AND ELECTRICAL DATA WITH THE OWNER.

13. FLEXIBLE METAL RACEWAYS 6 FEET OR LESS IN LENGTH SHALL BE PROVIDED TO ALL ELECTRICAL EQUIPMENT SUBJECT TO VIBRATION OF MOVEMENT AND FOR ALL MOTORS. LIQUID TIGHT RACEWAYS SHALL BE USED IN WET LOCATIONS.

14. SUPPLY AND INSTALL NEW ELECTRICAL SERVICE AND PANELS AS SHOWN.

15. ALL EXISTING CONDUIT AND CONDUCTORS THAT ARE NOT TO BE USED IN THE REMODEL MUST BE REMOVED, OBSOLETE AND DILAPIDATED WIRING AND EQUIPMENT SHALL NOT BE REUSED.

4 NOTES

NTS

ALL PANEL BRANCH CIRCUITS ARE BY LANDLORD UNLESS OTHERWISE NOTED.

PANELBOARD DESIGNATION MP NEW INSTALL X EXIST LOCATION ___ RELOCATED EXIST ___
277/480 VOLTS 3 PHASE 4 WIRE, SOLID NEUTRAL 200 AMPERE BUS 200 AMPERE MAIN BREAKER
TOP FED X BOTTOM FED ___ FLUSH MTD ___ SURFACE MTD X

CKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	BRKR SIZE	POLE	A	B	C	POLE	BRKR SIZE	WIRE SIZE	LOAD TYPE	WATTS	DESCRIPTION	CKT #	
1	RTU-1	7119	H	*	35	3	7799			1	20	12	L	680	LTG-NONSALES/NL/EM/EX	2 ●	
3		7119						7563		1	20	12	L	444	LTG-SALES EM/EXIT	4 ●	
5		7119							7119	1	20	-	-	--	SPARE	6	
7	RTU-2	6011	H	*	25	3	7592			1	20	12	L	1581	LTG-SALES GENERAL RR	8	TC2/a
9		6011						7490		1	20	12	L	1479	LTG-SALES GENERAL R	10	TC2/b
11		6011							7490	1	20	12	L	1479	LTG-SALES GENERAL CTR	12	TC2/a
13	RTU-3	6011	H	*	25	3	7490			1	20	12	L	1479	LTG-SALES GENERAL L	14	TC2/b
15		6011						7592		1	20	12	L	1581	LTG-SALES GENERAL LL	16	TC2/a
17		6011							6623	1	20	12	L	612	LTG-SALES GENERAL REAR	18	TC2/a
19	BLANK	--	-	-	-	-	612			1	20	12	L	612	LTG-SALES GENERAL FRONT	20	TC2/a
21	BLANK	--	-	-	-	-		--		1	20	-	-	--	SPARE	22	
23	BLANK	--	-	-	-	-			--	1	20	-	-	--	SPARE	24	
25	BLANK	--	-	-	-	-	--			1	20	-	-	--	SPARE	26	
27	BLANK	--	-	-	-	-		--		1	20	-	-	--	SPARE	28	
29	BLANK	--	-	-	-	-			--	1	20	-	-	--	SPARE	30	
31	BLANK	--	-	-	-	-	--			1	20	-	-	--	BLANK	32	
33	BLANK	--	-	-	-	-		--		1	20	-	-	--	BLANK	34	
35	BLANK	--	-	-	-	-			--	1	20	-	-	--	BLANK	36	
37	TRANSFORMER	9735	-	*	70	3	9735			1	20	-	-	--	BLANK	38	
39		10544						10544		1	20	-	-	--	BLANK	40	
41		10242							10242	1	20	-	-	--	BLANK	42	
	SUB TOTALS						33248	33189	31474								

CONNECTED LOAD 97911
PHASE BALANCE 5.3%

L = LTG OR SIGNAGE
R = RECEPTACLE
M = MISCELLANEOUS
H = H.V.A.C.
K = KITCHEN

NOTE: ALL BREAKERS SHALL BE BOLT-ON, UNLESS OTHERWISE NOTED.
● - INDICATES THIS CIRCUIT TO RECIEVE HANDLE LOCK-ON CLIP
✳- REFER TO ONE-LINE DIAGRAM FOR WIRE SIZE TO THIS EQUIPMENT

PANELBOARD DESIGNATION LP NEW INSTALL X EXIST LOCATION ___ RELOCATED EXIST ___
120/208 VOLTS 3 PHASE 4 WIRE, SOLID NEUTRAL 125 AMPERE BUS 125 AMPERE MAIN BREAKER
TOP FED X BOTTOM FED ___ FLUSH MTD ___ SURFACE MTD X

	CKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	BRKR SIZE	POLE	A	B	C	POLE	BRKR SIZE	WIRE SIZE	LOAD TYPE	WATTS	DESCRIPTION	CKT #	
TC1	1	LTG-STOREFRONT SIGN	1200	L	12	20	1	2100			1	20	12	R	900	REC-CASHWRAP	2 ●	
TC1	3	LTG-STOREFRONT SIGN	1200	L	12	20	1		1920		1	20	12	R	720	REC-SELF CHECKOUT	4 ●	
TC2/b	5	LTG-INTERIOR SIGNS	1200	L	12	20	1			2640	1	20	12	R	1440	REC-SELF CHECKOUT WALL	6 ●	
	7	SPARE	—	-	-	20	1	360			1	20	12	R	360	REC-CASHWRAP SPEAKER	8	
	9	SPARE	—	-	-	20	1		720		1	20	12	M	720	REC-PH.BD/BUZZER/TC	10 ●	
TC2/b	11	LTG-STRIP	654	L	12	20	1			1854	1	20	8	R	1200	REC-COKE COOLER	12 ●	
TC2/b	13	LTG-SALES TRACK	935	L	12	20	1	2135			1	20	8	R	1200	REC-VITAMIN H2O COOLER	14 ●	
●	15	LTG-RESTROOM/EM/EF	284	L	12	20	1		1484		1	20	8	R	1200	REC-POWERADE COOLER	16 ●	
	17	SPARE	—	-	-	20	1			528	1	20	12	R	528	REC-H2O/RED BULL COOL.	18 ●	
	19	SPARE	—	-	-	20	1	540			1	20	12	R	540	REC-SHOW WINDOW	20	TC2/b
	21	SPARE	—	-	-	20	1		540		1	20	12	R	540	REC-REFRIGERATOR	22	
	23	SPARE	—	-	-	20	1			1200	1	20	12	R	1200	REC-MICROWAVE	24	
	25	SPARE	—	-	-	20	1	360			1	20	12	R	360	REC-BREAK TABLE	26	
	27	SPARE	—	-	-	20	1		1440		1	20	12	R	1440	REC-MANAGERS DESK	28 ●	
	29	SPARE	—	-	-	20	1			540	1	20	12	R	540	REC-STOCK/RESTROOM	30	
	31	WATER HEATER	1500	M	12	20	2	2760			1	20	12	R	1260	REC-SALES GENERAL LT	32	
	33		1500						2400		1	20	12	R	900	REC-SALES GENERAL RT	34	
	35	WATER HEATER	1500	M	12	20	2			1980	1	20	12	R	480	DINKING FOUNTAIN	36	
	37		1500					1500			1	20	-	-	—	SPARE	38	
	39	WATER HEATER	1500	M	12	20	2		2040		1	20	12	R	540	REC-HVAC	40	
	41		1500							1500	1	20	-	-	—	SPARE	42	
		SUB TOTALS						9735	10544	10242								

CONNECTED LOAD 30541
PHASE BALANCE 7.5%

L = LTG OR SIGNAGE
R = RECEPTACLE
M = MISCELLANEOUS
H = H.V.A.C.
K = KITCHEN

NOTE: ALL BREAKERS SHALL BE BOLT-ON, UNLESS OTHERWISE NOTED.
● - INDICATES THIS CIRCUIT TO RECIEVE HANDLE LOCK-ON CLIP
✳- REFER TO ONE-LINE DIAGRAM FOR WIRE SIZE TO THIS EQUIPMENT

PANEL MP DEMAND

DESCRIPTION	TOTAL WATTS
TRANSFORMER	30317
HVAC	57425
25% LARGEST MOTOR	1621
LIGHTING & SIGN	9947
25% CONTINUOUS LOAD	2487
TOTAL DEMAND WATTS	101795
TOTAL DEMAND AMPS (480V)	122.5

PANEL LP DEMAND

DESCRIPTION	TOTAL WATTS
TRACK (1) 15A X 120V	1800
25% CONTINUOUS LOAD	450
LIGHTING & SIGN	4538
25% CONTINUOUS LOAD	1135
RECEPTACLES 100%	10000
RECEPTACLES 50%	2674
MISC	720
WATER HEATER	9000
TOTAL DEMAND WATTS	30317
TOTAL DEMAND AMPS (208V)	84.2

5 ELECTRICAL PANEL SCHEDULE AND LOAD SUMMARY

NTS

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ENGINEER

ARCHITECTURAL SEAL

DATE ISSUE

	DATE	REVISION	NAME
1	05/24/19	LANDLORD COMMENTS	CW
	05/17/19	PERMIT / OWNER	

PROJECT NAME / LOCATION

five BELOW

THE PROMENADE
3942 PROMENADE PARKWAY
D'IBERVILLE, MS 39540

PROJECT INFORMATION

DATE: APRIL 26, 2019
PROJECT NO. 190219
DELIVERY TYPE: V-BOX

DRAWN: PB
CHECKED: TJ

SHEET TITLE / NUMBER

ELECTRICAL PANEL SCHEDULE, RISER & NOTES

E3.0

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