KEY NOTES:

1. WIRE CIRCUIT THRU TIMECLOCK FOR COMPLIANCE W/ THE FLORIDA BUILDING CODE 2010 - ENERGY CONSERVATION. SECTION 505.2.2.
2. PER SEC. 505.2.1 ALL ENCLOSED ROOMS BY WALLS OR FLOOR-TO-CEILING PARTIITONS SHALL HAVE AT LEAST ONE CONTROL DEVICE TO INDEPENDENTLY CONTROL THE GENERAL LIGHTING WITHIN THAT SPACE.

LIGHTING CONTROL SYMBOL LEGEND

- OCCUPANCY SENSOR SWITCH HUBBELL LHRS-1-G-COLOR TO BE SELECTED
- MULTI TECHNOLOGY OCCUPANCY SENSOR SWITCH HUBBELL LHMTS-1-G-COLOR TO BE SELECTED
- SWITCH
- 3-WAY SWITCH
- TC INTERMATIC TIME CLOCK #ET7081SCR
- OS OVERRIDE SWITCH THRU TIMECLOCK
- DOS DUEL TECHNOLOGY CL'G MT'D OCCUPANCY SENSOR HUBBELL OMNI-DT-500/UVPP POWER PACK

LED LIGHTING NOTE:

✳ LED LIGHT CIRCUITS TO HAVE SEPARATE NEUTRAL

INTERIOR LIGHTING POWER ALLOWANCE

PER FLORIDA BUILDING CODE SECTION 2010 505.5.3-INTERIOR LIGHTING POWER DENSITIES USING THE SPACE-BY-SPACE METHOD.

TOTAL WATTS USED

FIXTURE TYPE	QUANTITY	WATTS PER FIXTURE	TOTAL WATTS PER TYPE
A	33	11.4	376.2
B	6	26	156
C	2	11.4	22.8
D	1	25.2	25.2
F	6	110	660
G	1	28	28
		TOTAL TENANT WATTS USED	1268.2

TOTAL WATTS ALLOWED

SPACE	TOTAL SPACE SQ. FT.	WATTS/SQ. FT. ALLOWED	TOTAL WATTS FOR SPACE
TAMMY	179	1.1	196.9
LOBBY	121	1.3	157.3
RECEPT	93	1.1	102.3
OFFICE #1	111	1.1	122.1
HALLWAY	186	0.5	93
SERVER	30	1.5	45
STEVE	155	1.1	170.5
KITCHENETTE	69	1.3	89.7
UNISEX RRM	40	0.9	36
OFFICE #3	92	1.1	101.2
OFFICE #2	101	1.1	111.1
WAREHOUSE	984	1.4	1377.6
CLOSET W/AHU	15	1.5	22.5
UNISEX RRM	40	0.9	36
		TOTAL TENANT WATTS ALLOWED	2661.2

Luminaire Schedule

Label	Arrangement	Description	Lum. Watts
A	SINGLE	DMF DRD2M7930 5INCH ROUND SMOOTH	11.4
B	SINGLE	PRESCOLITE LC6LED120-6LCLED735K8	26
C	SINGLE	DMF DRD2M7930 5INCH ROUND SMOOTHWET	11.4
D	SINGLE	COLUMBIA LAW4-40LW-EU	25.2
F	SINGLE	COLUMBIA LHR4-254G-GW15-EHL-WCB	110
G	SINGLE	TECH 700BCLUN24S	28
H	SINGLE	PROGRESS P5511 WITH LED LAMP	28
EM	N/A	EVENLITE- TCS SERIES (W/ MIN. 90 MINUTE BATTERYBACK-UP)	
X	N/A	EVENLITE- TLTEMR1/2UW (W/ MIN. 90 MINUTE BATTERYBACK-UP)	

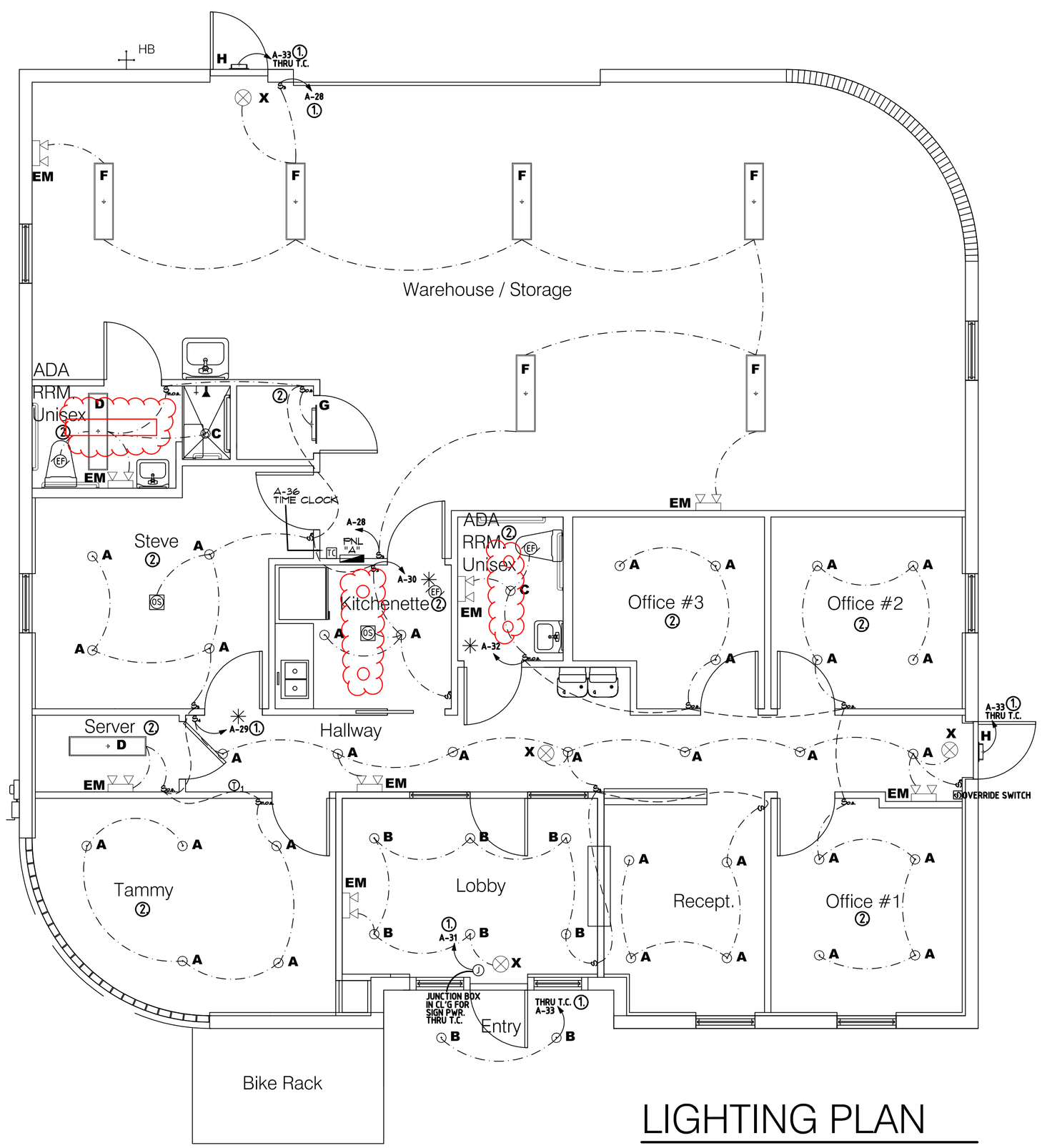
MFG. SIEMENS OR EQUAL — TYPE LOAD CENTER — PANEL RATING 225 AMPS
VOLTS 120/240V 1Ø3W — PANEL "A" (1) — POS 42

BUS KVA A	BUS KVA B	LOAD	COND.	WIRE SIZE	POLE	AMPS	CKT.	BUS	CKT.	AMPS	POLE	WIRE SIZE	COND.	LOAD	BUS KVA A	BUS KVA B
2.25		WATER HEATER	1/2"	10	2	25	1		2	60	2	6	3/4"	AHU-1 (3)(4)	5.0	
	2.25	"	S	S	S	S	3		4	S	S	S	S	"		5.0
2.0		ICE MACHINE	3/4"	10	2	30	5		6	50	2	8	3/4"	CU-1 (3)(4)	x4.1	
	2.0	"	S	S	S	S	7		8	S	S	S	S	"		x4.1
0.4		RESTRM RECEPT	1/2"	12	1	20	9		10	20	1	12	1/2"	TELE BD	0.4	
	1.0	STEVE'S OFF RECEPTS	1/2"	12	1	20	11		12	20	1	12	1/2"	WAREHSE RECEPTS		0.6
0.8		WAREHSE RECEPTS	1/2"	12	1	20	13		14	20	1	12	1/2"	OFF 1-2/HALL RECEPTS	1.2	
	1.5	SMALL APPL	1/2"	12	2	20	15		16	20	1	12	1/2"	OFF 2-3 RECEPTS		1.2
1.5		SMALL APPL	S	S	S	S	17		18	20	1	12	1/2"	RESTRM RECEPT	0.4	
	0.4	KITCHENETTE RECEPTS	1/2"	12	1	20	19		20	20	1	12	1/2"	HALL/LOBBY RECEPTS		1.0
0.6		SERVER RM RECEPTS	1/2"	12	1	20	21		22	20	1	12	1/2"	DRINK FOUNTAIN	0.5	
	0.6	SERVER RM RECEPTS	1/2"	12	1	20	23		24	20	1	12	1/2"	RECEPTION/OFF 1 RECPTS		1.2
1.0		HALL/TAMMY OFF RECPTS	1/2"	12	1	20	25		26	20	1	12	1/2"	COFFEE RECEPT	0.4	
	0.6	EXT. RECEPTS	1/2"	12	1	20	27		28	20	1	12	1/2"	WAREHOUSE LTG		0.8
0.3		HALL/RECEPT/LB LTG (2)(5)	1/2"	12	1	20	29		30	20	1	12	1/2"	KIT/RR/STEVE/TAM LTG (5)	0.3	
	1.2	SIGN POWER (2)	1/2"	12	1	20	31		32	20	1	12	1/2"	RR/OFF 1-3 LTG (5)		0.2
0.6		EXT BLDG LTG (2)	1/2"	12	1	20	33		34	20	1	12	1/2"	SITE BLDG LTG	0.3	
	0.3	SITE LTG (2)	1/2"	12	1	20	35		36	20	1	12	1/2"	TIME CLOCK		0.4
1.3		WCU-1 (4)	1/2"	12	2	20	37		38	-	-	-	-	SPACE	-	
	1.3	"	S	S	S	S	39		40	-	-	-	-	"		-
1.2		REFRIG	1/2"	12	1	20	41		42	-	-	-	-	"	-	

KVA ØA 20.45 — KVA ØB 21.55
Ia 170.4 AMPS — Ib 179.6 AMPS
FEEDER SIZE 3 # 4/0's THWN 1 # 4 GND CU — CONDUIT SIZE 2 1/2"

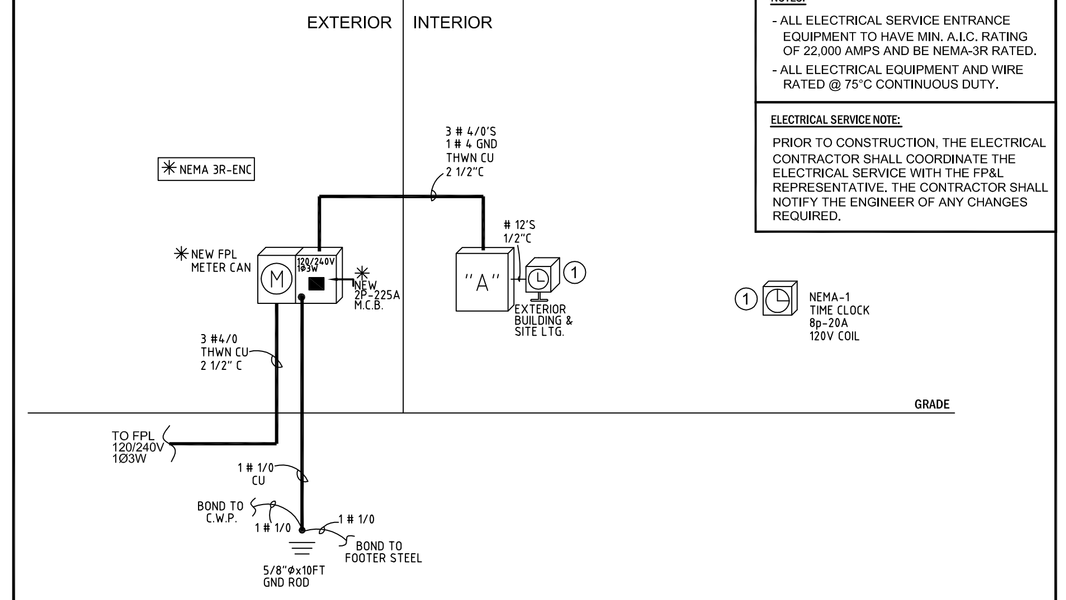
REMARKS & KEY NOTES:
1. MAIN LUGS ONLY.
2. WIRED THRU TIME CLOCK TO COMPLY WITH FLORIDA BUILDING CODE 2010 SECTION 502.2.
3. NON-CONCURRENT LOADS. PROVIDE "HACR" RATED BREAKERS.
4. VERIFY ELECTRICAL REQUIREMENTS PRIOR TO INSTALLATION.
5. LED CIRCUIT TO HAVE SEPARATE NEUTRAL.

MOUNT RECESSED — MIN. A.I.C. 22,000 AMPS



LIGHTING PLAN

1/4" = 1'0"



NOTES:
- ALL ELECTRICAL SERVICE ENTRANCE EQUIPMENT TO HAVE MIN. A.I.C. RATING OF 22,000 AMPS AND BE NEMA-3R RATED.
- ALL ELECTRICAL EQUIPMENT AND WIRE RATED @ 75°C CONTINUOUS DUTY.

ELECTRICAL SERVICE NOTE:

PRIOR TO CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE ELECTRICAL SERVICE WITH THE FP&L REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED.

(1) NEMA-1 TIME CLOCK 8p-20A 120V COIL

RISER NO. 1	ELECTRICAL POWER RISER	NOT TO SCALE

ELECTRICAL A/C EQUIPMENT LEGEND

UNIT NO.	PANEL FEED	V/P/Hz	CONDENSING UNIT FEEDERS	PNL C.B.	DISC. SIZE/FUSE (NEMA 3R)	AIR HANDLER UNIT FEEDERS	C.B. (NEMA 1)
AHU-1 CU-1	A	240/1/60	2 # 8'S THWN CU 1 # 10 GND 3/4" C.	50A	2P 60/30	2 # 6'S THWN CU 1 # 10 GND 3/4" C.	60A
WAHU-1 WCU-1	A	240/1/60	2 # 12'S THWN CU 1 # 12 GND 1/2" C.	20A	2P 20/20		

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PRELIMINARY SET: 06/02/15

NOTE:
ANY DESIGN CHANGES; TO THE SYSTEM COVERED BY THESE PLANS WITHOUT PRIOR APPROVAL OF THE ENGINEER WHO PREPARED THESE PLANS, WILL NULL AND VOID THESE PLANS AND THE REVISED INSTALLATION. IN ADDITION, ALL EXPENSES ASSOCIATED WITH RETURNING THE SYSTEM TO ITS ORIGINAL DESIGN WILL BE THE RESPONSIBILITY OF THE COMPANY WHICH APPROVED THESE CHANGES. FINAL BID TO INCLUDE PERMIT COMMENTS.

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REVISIONS

NORTH

E2

LIGHTING PLAN

Sc. 1/4"

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3. NO MATERIALS OR SYSTEMS ARE TO BE FABRICATED UNTIL : A) ALL DIMENSIONS HAVE BEEN VERIFIED BY CONTRACTOR B) SHOP DRAWINGS HAVE BEEN REVIEWED AND ACCEPTED BY THE ARCHITECT