

JOB NO.:	0906
DRAWN:	THG
CHECKED:	THG
DATE:	03/10/10
REVISIONS:	
1	5/22/10 ADDENDUM #1

NEW FT. WHITE BRANCH LIBRARY
FT. WHITE, FLORIDA

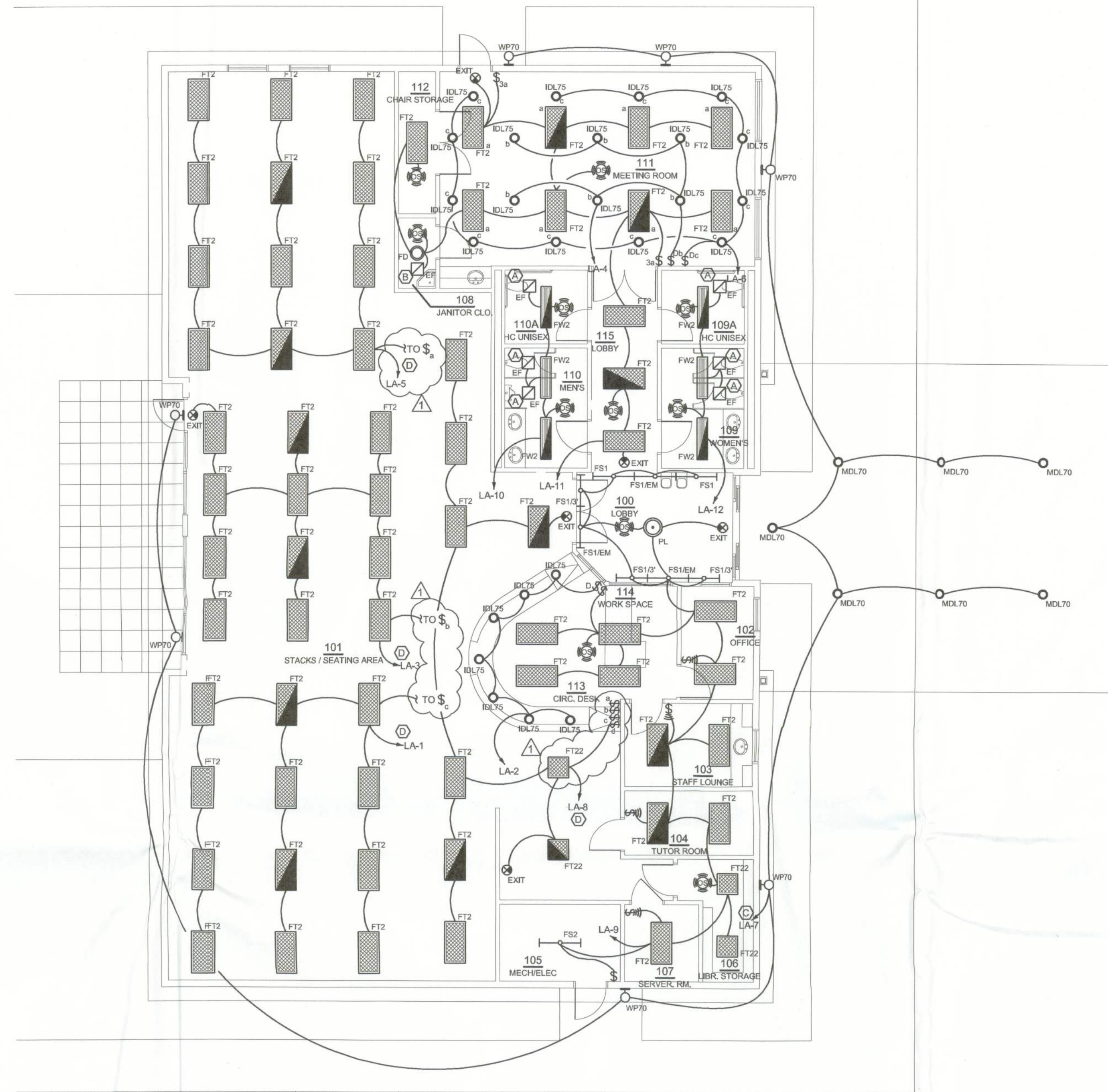
CLIENT:
COLUMBIA COUNTY
BOARD OF
COUNTY
COMMISSIONERS

PHASE:
100%
CONSTRUCTION
DOCUMENTS

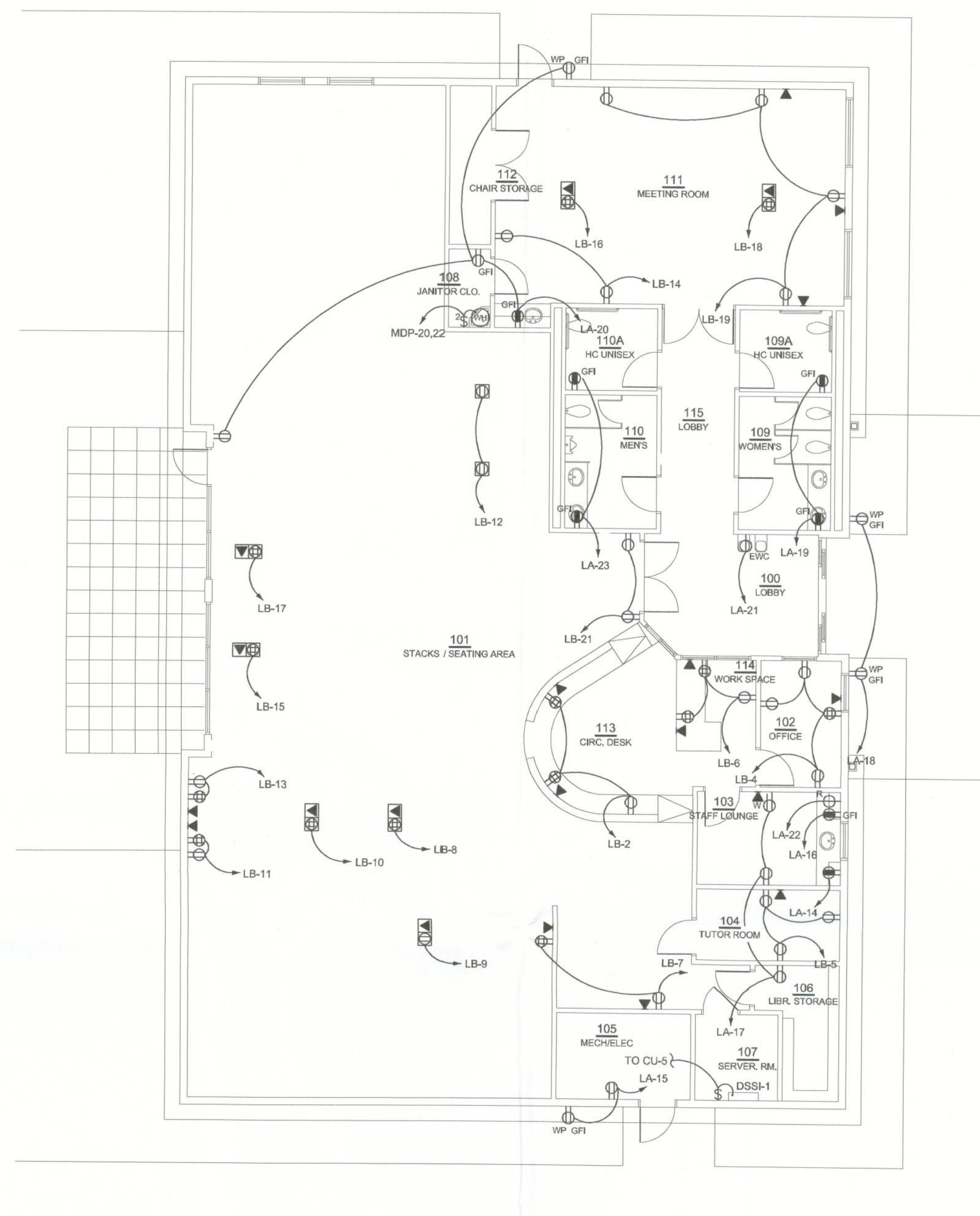
SHEET TITLE:
ELECTRICAL
FLOOR
PLANS

SCALE:
AS SHOWN

SHEET NO.:
E1.1



ELECTRICAL LIGHTING PLAN
SCALE: 1/8"=1'-0"

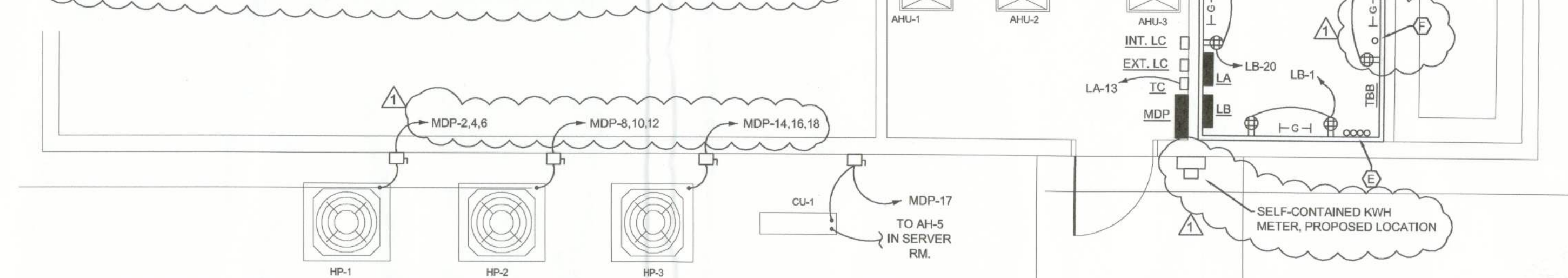


ELECTRICAL POWER AND SYSTEMS PLAN
SCALE: 1/8"=1'-0"

LIGHTING FIXTURE SCHEDULE			
TYPE	MANUFACTURER	MODEL NUMBER	LAMPS
EXIT	BEGHELLI	CYC-SA4LR-x-M-CS-W	LED
FD	CAPRI	FRD12IC	(3) CFT13W / GX23, 835
FS1	DAY-BRITE	N132-UNV-1/1-EB	(1) F32T8, 835
FS1G	DAY-BRITE	N125-UNV-1/1-EB	(1) F25T8, 835
FS2	DAY-BRITE	T232-UNV	(2) F32T8, 835
FT2	DAY-BRITE	2ST x 232-D-UNV-1/2-EB	(2) F32T8, 835
FT22	DAY-BRITE	2ST x 217-D-UNV-1/2-EB	(2) F17T8, 835
FW2	DAY-BRITE	DWW232-UNV-1/2-EB	(2) F32T8, 835
IDL75	OMEGA	S8PAR30/38-T6CSS	(1) 75W INC., PAR30
MDL70	OMEGA	S870MHED17PEU-T8PMHCSS	(1) 70W M.H., ED17P
PL	THOMAS	SLB284-63	(4) 100W INC., A-19
WP70	NITEBRITE	WLS070MMT	(1) 70W M.H., ED-17

MECHANICAL EQUIPMENT CONNECTION SCHEDULE									
EQUIPMENT				BRANCH CIRCUIT		DISCONNECT		NOTES	
DESIGNATION	KW	MCA	HP	VOLTS	PH	CONDUCTORS	CONDUIT	AMP / POLE / NEMA	FUSE
AHU-1,2,3	6.0	44.7	-	208V	1	2#6 + #10(G)	1"	60 / 2 / 1	NF
HP-1,2,3	-	22.5	-	208V	3	3#10 + #10(G)	3/4"	60 / 3 / 3R	NF
CU-1	-	16.0	-	120V	1	2#12 + #12(G)	1/2"	30 / 1 / 3R	NF
DSSI-1	-	1.2	-	120V	1	2#12 + #12(G)	1/2"	TOGGLE SW	NA
WH (TANK)	3.0	18.0	-	208V	1	2#12 + #12(G)	1/2"	2- POLE TOGGLE SW	NA

NOTES:
1) THIS SCHEDULE MAY APPLY TO OTHER ELECTRICAL DRAWINGS.
2) BRANCH CIRCUIT CONDUCTORS AND CONDUIT APPLY TO PANELBOARD HOMERUN AND FINAL CONNECTION.
3) FINAL CONNECTIONS TO EQUIPMENT SHALL BE THROUGH LIQUID TIGHT FLEXIBLE METAL CONDUIT.
4) THE DESIGNATIONS USED MATCH THE MECHANICAL DRAWINGS.
5) CONDUIT SIZES ARE BASED ON SCHEDULE 40 PVC AND THW CONDUCTOR INSULATION AND SHALL NOT BE REDUCED FOR DIFFERENT CONDUIT OR INSULATION TYPES.
6) RACK ELECTRICAL CONDUITS WITH REFRIGERANT PIPING ON STEEL CHANNEL. DO NOT ALLOW CONDUIT TO REST ON THE GROUND.



ENLARGED HVAC PLAN
SCALE: 1/4"=1'-0"

- KEY NOTES
- (A) CONNECT EXHAUST FAN TO SWITCHED LIGHTING CONDUCTOR.
 - (B) CONNECT EXHAUST FAN TO UNSWITCHED LIGHTING CONDUCTOR.
 - (C) ENTIRE CIRCUIT SHALL BE 2 #10 + #10 (G) IN 3/4" C. TIME CLOCK CONTROLLED, WIRE THROUGH LIGHTING CONTACTOR, SEE LIGHTING CONTROL DETAIL.
 - (D) BRANCH CIRCUIT SHALL BE TIME CLOCK CONTROLLED, WIRE THROUGH LIGHTING CONTACTOR, SEE LIGHTING CONTROL DETAIL.
 - (E) TELECOMM SERVICE ENTRANCE CONDUITS, SEE TELECOMM RISER DIAGRAM AND SITE WORK NOTES FOR DETAILS.
 - (F) INSTALL 4" CONDUIT FROM 6' AFF TO ABOVE FINISHED CEILING, ROUTE TELECOMM CABLES THROUGH SLEEVE AND LEAVE 12" COILED UP AND TAGGED FOR TERMINATING BY OTHERS.

MECHANICAL
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www.MEPSoutheast.com
3116 Capital Circle NE, Suite 9
Tallahassee, FL 32308

TEL: (850) 668 - 0186
FAX: (850) 668 - 1451
FL C-027300
FL PE 50772

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