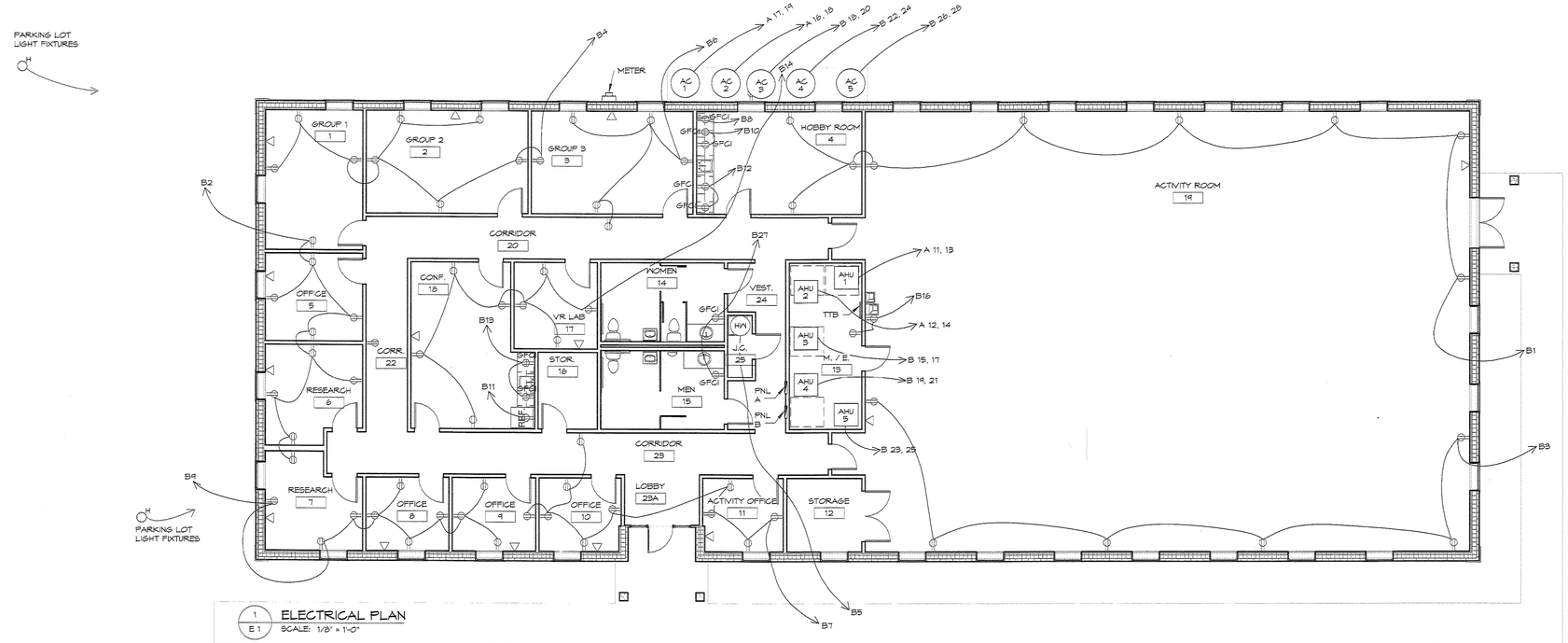
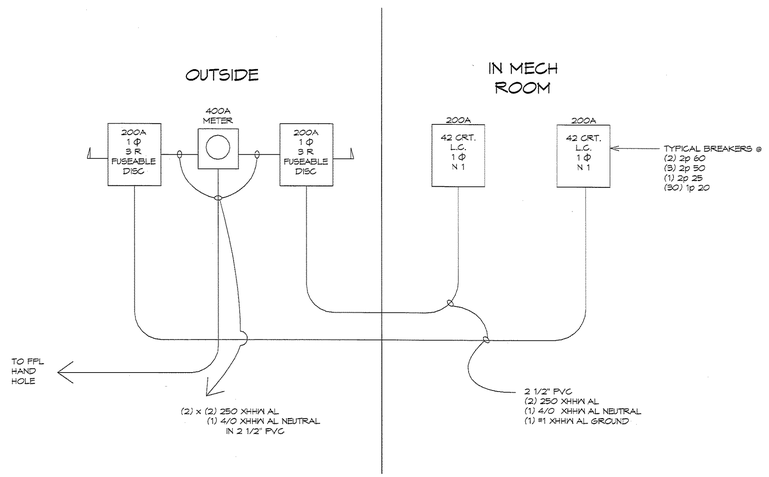


1 E1 **ELECTRICAL PLAN**
SCALE: 1/8" = 1'-0"



2 E1 **ELECTRICAL DIAGRAM**
SCALE: 1/8" = 1'-0"

PANEL A 200A L.C. SINGLE PHASE 120/240V

		TRIP	WIRE			TRIP	WIRE
1	EXTERIOR LIGHTS	20	12	2	OFFICE LIGHTS	20	12
3	↓	↓	↓	4	HALL LIGHTS	↓	↓
5	GAME ROOM LIGHTS	↓	↓	6	OFFICE LIGHTS	↓	↓
7	↓	↓	↓	8	↓	↓	↓
9	↓	↓	↓	10	↓	↓	↓
11	AHU #1	60	#6	12	ACU #1	30	#8
13	↓	↓	↓	14	↓	↓	↓
15	AHU #2	↓	↓	16	ACU #2	↓	↓
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			

PANEL B 200A L.C. SINGLE PHASE 120/240V

		TRIP	WIRE			TRIP	WIRE
1	GAME ROOM RECEPTS	20	12	2	OFFICE RECEPTS	20	12
3	↓	↓	↓	4	↓	↓	↓
5	OFFICE RECEPTS	↓	↓	6	↓	↓	↓
7	↓	↓	↓	8	HOBBY ROOM KITCHEN	↓	↓
9	↓	↓	↓	10	↓	↓	↓
11	CONFERENCE KITCHEN	↓	↓	12	↓	↓	↓
13	↓	↓	↓	14	OFFICE RECEPTS	↓	↓
15	AHU #3	60	#6	16	WATER COOLER	↓	↓
17	↓	↓	↓	18	ACU #3	30	#8
19	AHU #4	↓	↓	20	↓	↓	↓
21	↓	↓	↓	22	ACU #4	↓	↓
23	AHU #5	30	#10	24	↓	↓	↓
25	↓	↓	↓	26	ACU #5	30	#10
27				28	↓	↓	↓
29				30			
31				32			
33				34			
35				36			
37				38			
39				40			
41				42			

COMMERCIAL COMPUTED LOAD

JOB: VINCE CARTER
LOCATION: BUNNELL
DATE: 10/3/2011
OWNER:
CONTRACTOR: HALL CONSTRUCTION

QUAN.			
1	LIGHTING LOAD x 125% CONTINUOUS LOAD	12165	15206.25
5	ACU / AHU LARGEST OF THE TWO	12000	60000
76	RECEPTACLES x 180VA PER RECEPTACLE	180	13680
	230 VOLT MOTORS TOTAL		0
2	POLE LIGHTS	400	800
	DESIGNATED CIRCUITS		0
1	HOT WATER	4500	4500
1	SIGN LIGHTING		0
1	WATER COOLER	840	840
	NEON LIGHTING		0
1	COPIER	1000	1000
2	SMALL APP CIRCUIT	1500	3000
1	COFFEE MAKER	1500	1500
			0
			0
			0
			0
			90526.25

TOTAL AMPS SINGLE PHASE
120 / 240 VOLT 217.78 AMPS

11-22-11

DESIGN, INC.
913 NORTH NOVA RD.
HOLLY HILL, FL 32117
AA 26000567
PHONE (386) 255-6487
FAX (386) 255-6989

REVISIONS

ELECTRICAL PLAN
VINCE CARTER SANCTUARY- PHASE 2
301 JUSTICE LANE
BUNNELL, FLORIDA 32110

PJT#:	02235.00
DATE:	10 NOV 11
DRN BY:	RNS
DGN BY:	DMS
REV BY:	DMS
SCALE:	1/8" = 1'-0"

E1

11/21/2011 11:09:45 AM P:\Active Projects\02235 Stewart Marchman Multi-Purpose Bldg\Drawings\Stewart Marchman Revit.rvt