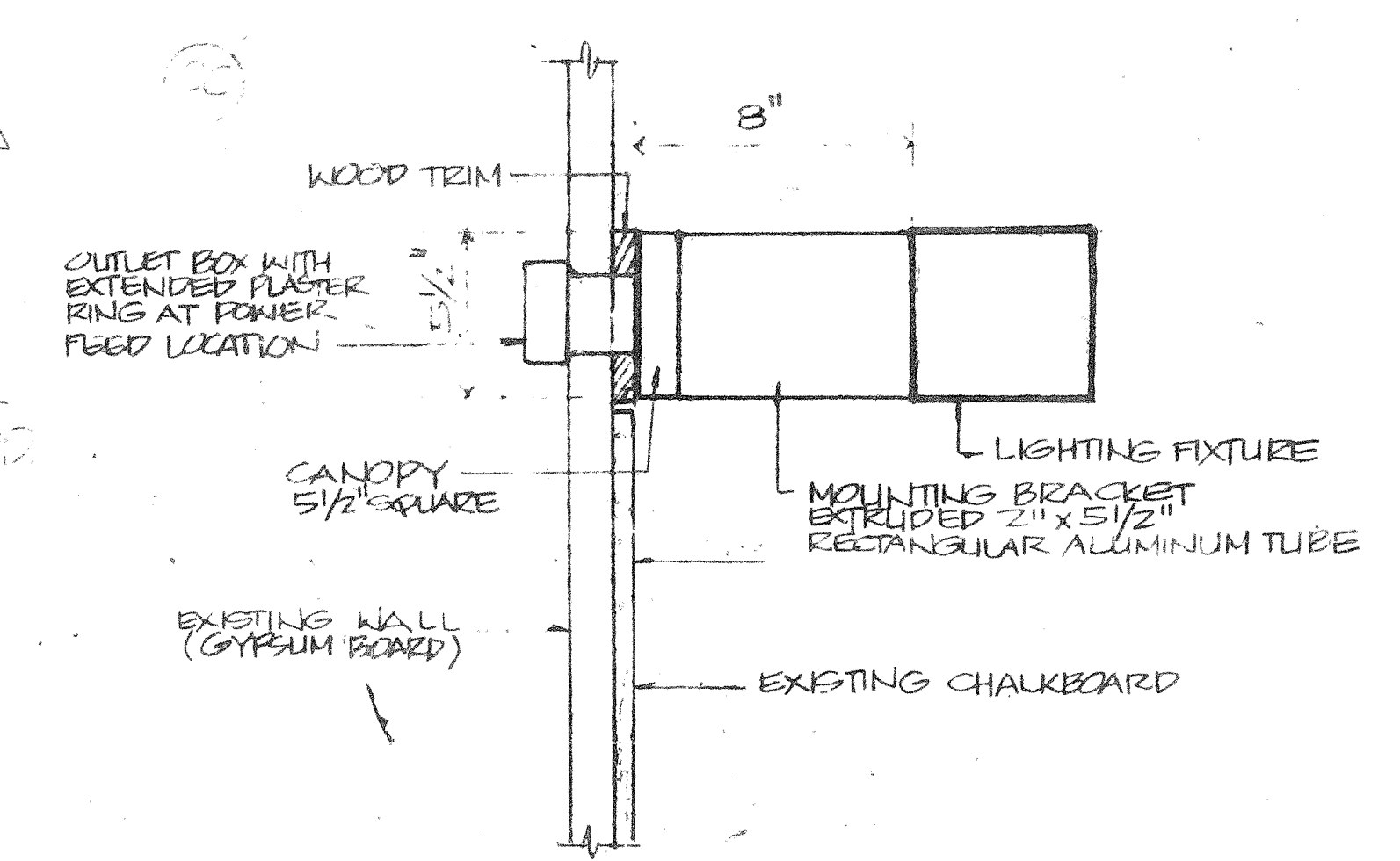
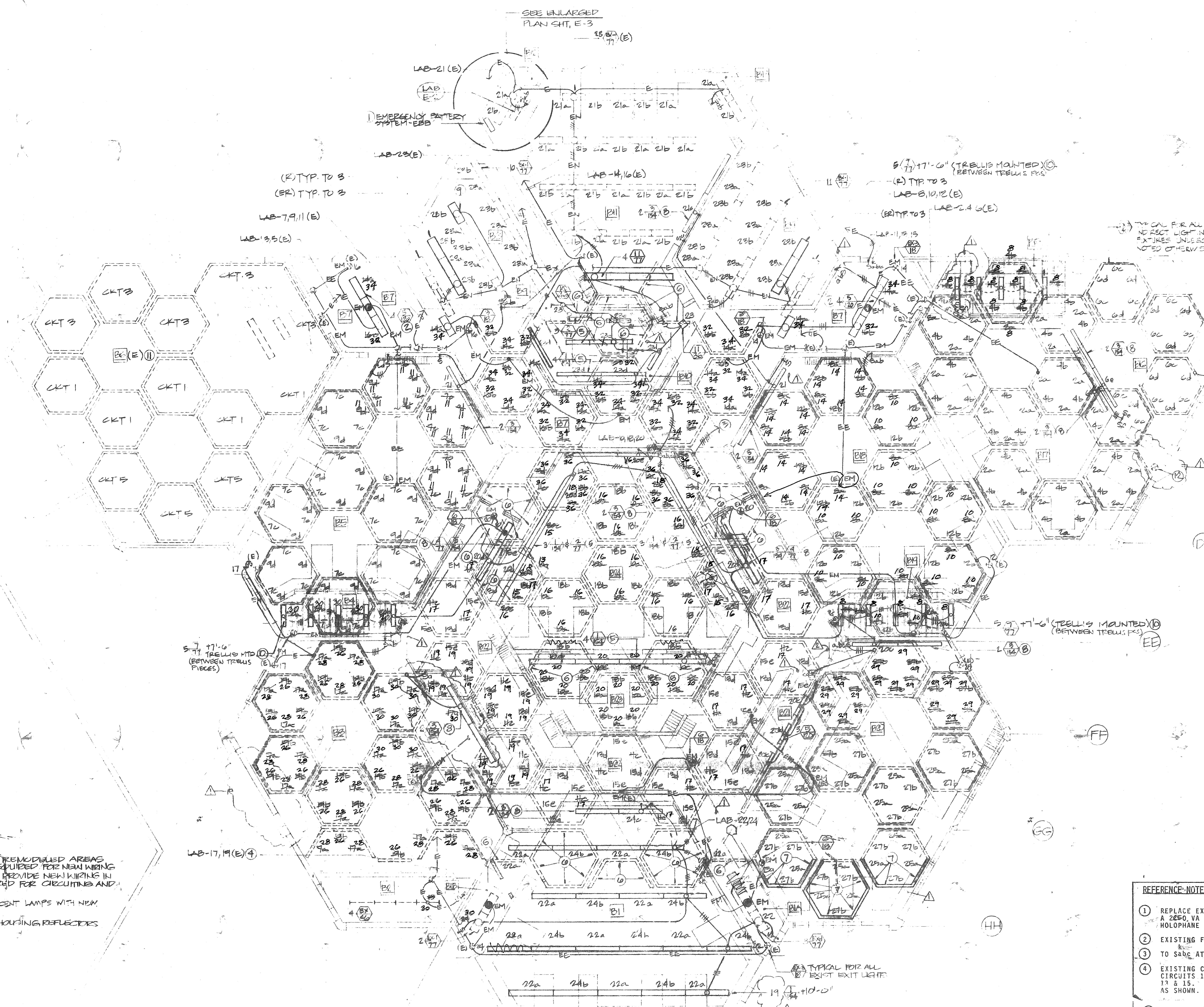


PANEL LAB		TOTALS		TOTALS		REMARKS	
CIRCUIT NO.	OUTLET	WATTAGE	AMPS	CIRCUIT NO.	WATTAGE	AMPS	REMARKS
1	100	100	0.9	1	100	0.9	
2	100	100	0.9	2	100	0.9	
3	100	100	0.9	3	100	0.9	
4	100	100	0.9	4	100	0.9	
5	100	100	0.9	5	100	0.9	
6	100	100	0.9	6	100	0.9	
7	100	100	0.9	7	100	0.9	
8	100	100	0.9	8	100	0.9	
9	100	100	0.9	9	100	0.9	
10	100	100	0.9	10	100	0.9	
11	100	100	0.9	11	100	0.9	
12	100	100	0.9	12	100	0.9	
13	100	100	0.9	13	100	0.9	
14	100	100	0.9	14	100	0.9	
15	100	100	0.9	15	100	0.9	
16	100	100	0.9	16	100	0.9	
17	100	100	0.9	17	100	0.9	
18	100	100	0.9	18	100	0.9	
19	100	100	0.9	19	100	0.9	
20	100	100	0.9	20	100	0.9	
21	100	100	0.9	21	100	0.9	
22	100	100	0.9	22	100	0.9	
23	100	100	0.9	23	100	0.9	
24	100	100	0.9	24	100	0.9	
25	100	100	0.9	25	100	0.9	
26	100	100	0.9	26	100	0.9	
27	100	100	0.9	27	100	0.9	
28	100	100	0.9	28	100	0.9	
29	100	100	0.9	29	100	0.9	
30	100	100	0.9	30	100	0.9	
31	100	100	0.9	31	100	0.9	
32	100	100	0.9	32	100	0.9	
33	100	100	0.9	33	100	0.9	
34	100	100	0.9	34	100	0.9	
35	100	100	0.9	35	100	0.9	
36	100	100	0.9	36	100	0.9	
37	100	100	0.9	37	100	0.9	
38	100	100	0.9	38	100	0.9	
39	100	100	0.9	39	100	0.9	
40	100	100	0.9	40	100	0.9	
41	100	100	0.9	41	100	0.9	
42	100	100	0.9	42	100	0.9	
43	100	100	0.9	43	100	0.9	
44	100	100	0.9	44	100	0.9	
45	100	100	0.9	45	100	0.9	
46	100	100	0.9	46	100	0.9	
47	100	100	0.9	47	100	0.9	
48	100	100	0.9	48	100	0.9	
49	100	100	0.9	49	100	0.9	
50	100	100	0.9	50	100	0.9	
51	100	100	0.9	51	100	0.9	
52	100	100	0.9	52	100	0.9	
53	100	100	0.9	53	100	0.9	
54	100	100	0.9	54	100	0.9	
55	100	100	0.9	55	100	0.9	
56	100	100	0.9	56	100	0.9	
57	100	100	0.9	57	100	0.9	
58	100	100	0.9	58	100	0.9	
59	100	100	0.9	59	100	0.9	
60	100	100	0.9	60	100	0.9	
61	100	100	0.9	61	100	0.9	
62	100	100	0.9	62	100	0.9	
63	100	100	0.9	63	100	0.9	
64	100	100	0.9	64	100	0.9	
65	100	100	0.9	65	100	0.9	
66	100	100	0.9	66	100	0.9	
67	100	100	0.9	67	100	0.9	
68	100	100	0.9	68	100	0.9	
69	100	100	0.9	69	100	0.9	
70	100	100	0.9	70	100	0.9	
71	100	100	0.9	71	100	0.9	
72	100	100	0.9	72	100	0.9	
73	100	100	0.9	73	100	0.9	
74	100	100	0.9	74	100	0.9	
75	100	100	0.9	75	100	0.9	
76	100	100	0.9	76	100	0.9	
77	100	100	0.9	77	100	0.9	
78	100	100	0.9	78	100	0.9	
79	100	100	0.9	79	100	0.9	
80	100	100	0.9	80	100	0.9	
81	100	100	0.9	81	100	0.9	
82	100	100	0.9	82	100	0.9	
83	100	100	0.9	83	100	0.9	
84	100	100	0.9	84	100	0.9	
85	100	100	0.9	85	100	0.9	
86	100	100	0.9	86	100	0.9	
87	100	100	0.9	87	100	0.9	
88	100	100	0.9	88	100	0.9	
89	100	100	0.9	89	100	0.9	
90	100	100	0.9	90	100	0.9	
91	100	100	0.9	91	100	0.9	
92	100	100	0.9	92	100	0.9	
93	100	100	0.9	93	100	0.9	
94	100	100	0.9	94	100	0.9	
95	100	100	0.9	95	100	0.9	
96	100	100	0.9	96	100	0.9	
97	100	100	0.9	97	100	0.9	
98	100	100	0.9	98	100	0.9	
99	100	100	0.9	99	100	0.9	
100	100	100	0.9	100	100	0.9	
TOTALS		10000	90.9	TOTALS		10000	90.9
L.C.L. = 10000 W		L.O. = 10000 W		OTHER LOAD = 10000 W		TOTAL = 10000 W = 220 A	

ALL CIRCUIT BREAKERS ARE EXIST UNLESS NOTED.
 * REPLACE EXIST. 110A 2P WITH 125A 2P CIRCUIT BREAKER TO MATCH EXISTING.



FIXTURE 3 & 4 MOUNTING DETAIL
 NOT TO SCALE

EMERGENCY BATTERY UNIT - "EBB"
 TOTAL CONNECTED LOAD = 1640VA

- NOTES:
- EXISTING EX-2 FIXTURES IN REMODELED AREAS SHALL BE DEMOUNTED AS REQUIRED FOR NEARBY WIRING AND CONDUIT CONNECTIONS. PROVIDE NEW WIRING IN FIXTURE RACKWAYS AS REQUIRED FOR CIRCUITS AND SWITCHING INDICATED.
 - REPLACE ALL EXISTING FLUORESCENT LAMPS WITH NEW ENERGY SAVING TYPE LAMPS.
 - CLEAN ALL EXISTING FIXTURE HOUSING REFLECTORS AND LENSES.
 - SEE NOTES SHEET E-3.

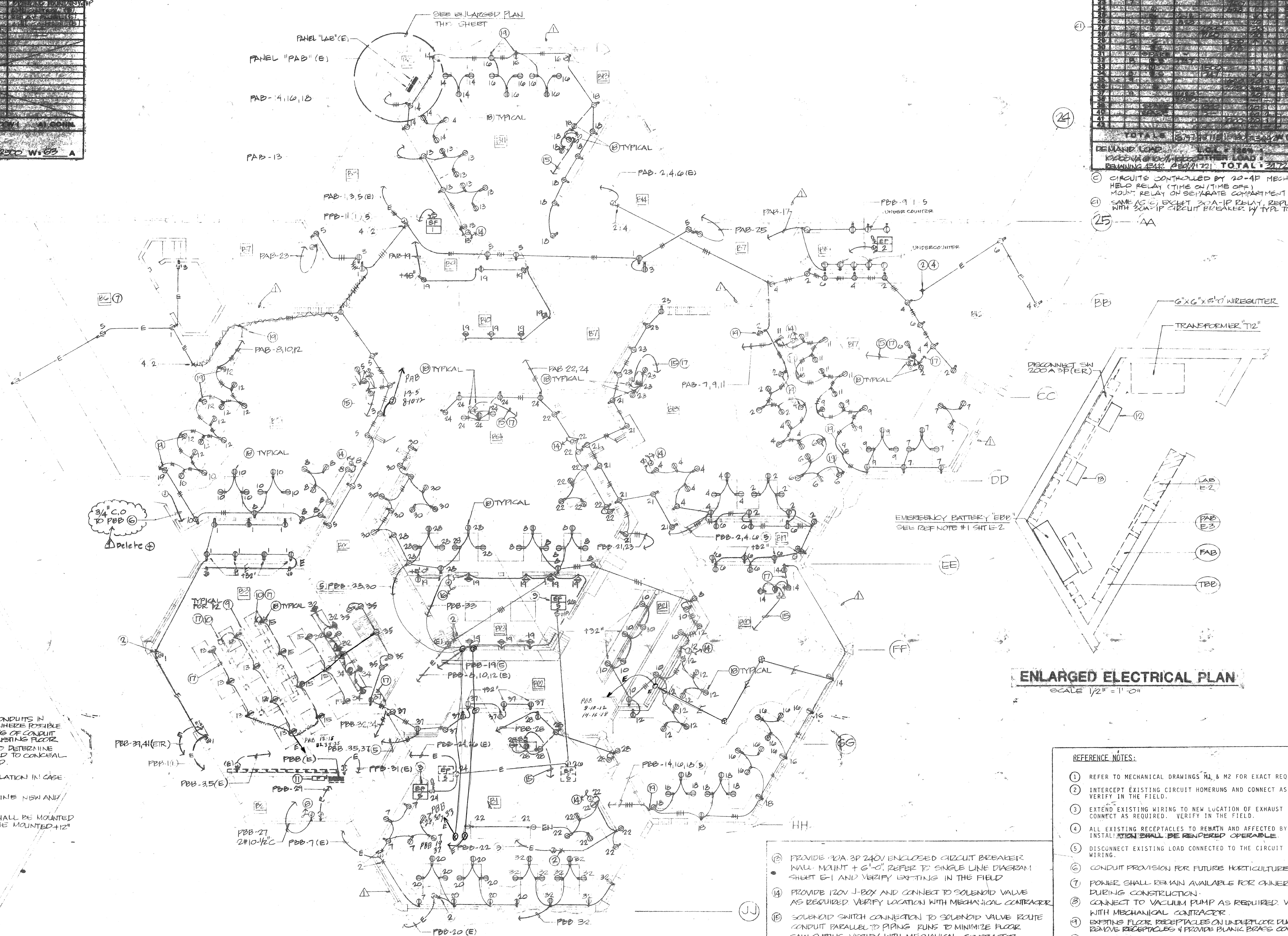
- REFERENCE NOTES:
- REPLACE EXISTING EMERGENCY BATTERY UNIT (400VA) WITH A 2850 VA CAPACITY 277V INPUT/OUTPUT 1P 60HZ. HOLOPHONE #722180-277-277. VERIFY EXISTING.
 - EXISTING FIXTURES TO BE REPLACED BY NEW FIXTURES. RECONNECT AS REQUIRED.
 - TO SERVE AT CORRIDOR.
 - EXISTING CIRCUIT HOMERUNS #13, 15, 17 AND 19. USE ONLY CIRCUITS 17 & 19 SHOWN - DISCONNECT AND ABANDON CIRCUITS 13 & 15. CIRCUITS 13 & 15 TO BE USED IN DIFFERENT LOCATION AS SHOWN.
 - PENDANT MOUNTED +8'-0".
 - REMOVE EXISTING LIGHTING FIXTURES TO BE REUSED IN OTHER AREAS.
 - INSTALL FIXTURE PARTS TO COMPLETE HEXAGON USING FIXTURE PARTS REMOVE FROM OTHER LOCATION.
 - MOUNT +7'-6" (VERIFY) ON WOOD TRIM.
 - REUSE EXISTING FIXTURE REMOVED FROM LOBBY.
 - RUN CONDUIT ABOVE WOOD TRELLIS.
 - EXISTING FIXTURES AND WIRING TO REMAIN.
 - EXISTING EXIT SIGN TO REMAIN. RECONNECT AS REQUIRED.

CIRCUIT NO.	DESCRIPTION	REMARKS
1		
2		
3		
4		
5		
6		
7		
8		
9		
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		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

CIRCUIT NO.	DESCRIPTION	REMARKS
1		
2		
3		
4		
5		
6		
7		
8		
9		
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		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

REFERENCE NOTES (CONTINUED)

④ PROVIDE 1/4" DEEP OUTLET BOX FLUSH IN EXISTING RIGID CONCRETE WALL WITH HIREKOLD # 2151 SERIES EXTENSION ADAPTER FOR DEVICE MOUNTING. INSTALL CONDUIT CONCEALED IN PLUMBING MOUNT RECEPTACLE + 6" ABOVE COUNTER SPLASH.



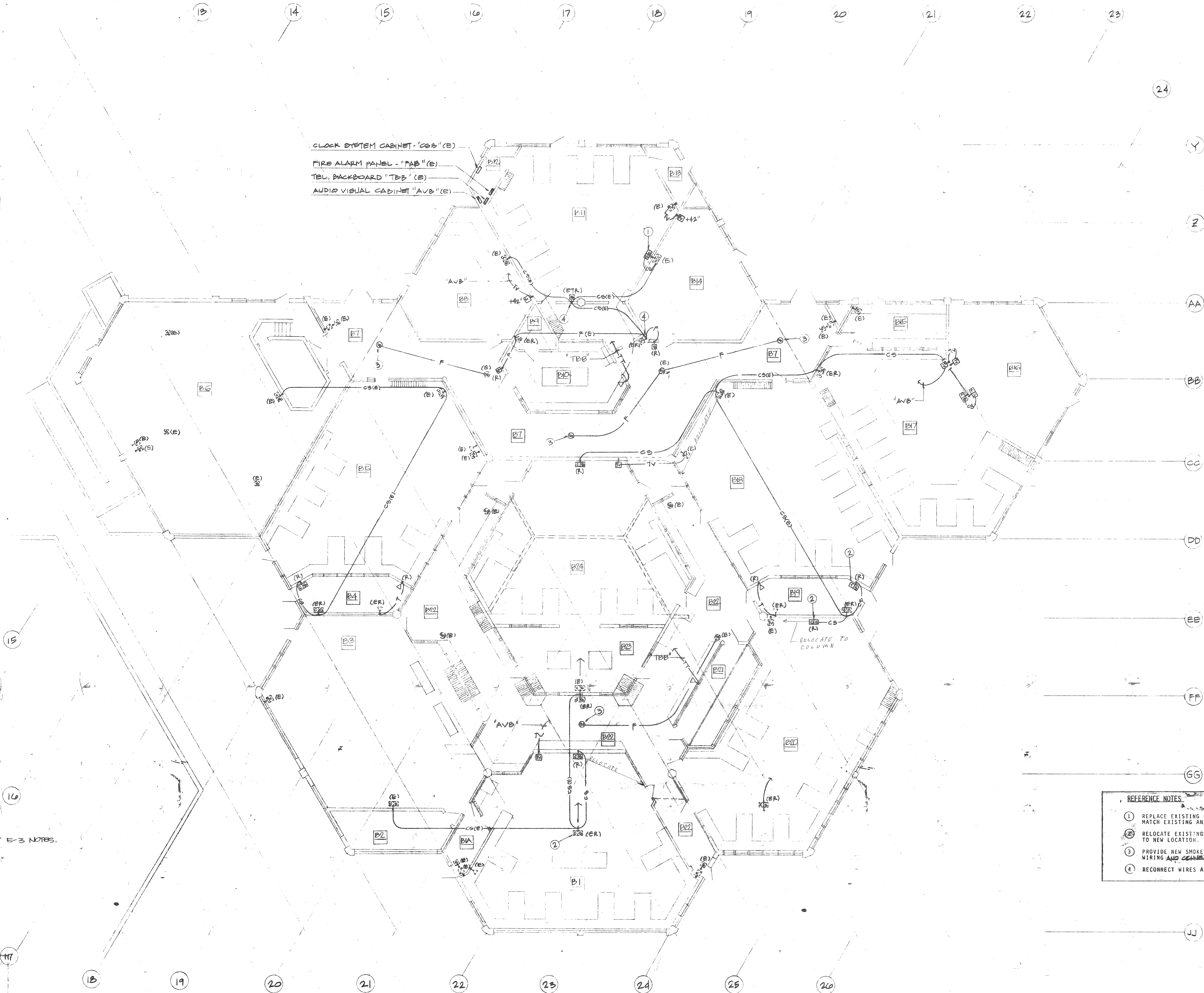
ENLARGED ELECTRICAL PLAN
SCALE 1/2" = 1'-0"

- NOTES:
1. ALL CONDUITS SHALL RUN CONCEALED RUN CONDUITS IN EXISTING AND NEW WALLS AND CEILING WHERE POSSIBLE WHERE CONDITIONS DO NOT ALLOW ROUTING OF CONDUIT IN WALLS AND CEILING, RUN CONDUIT IN EXISTING FLOOR SLAB CONTRACTOR SHALL VISIT SITE PRIOR TO DETERMINE EXTENT OF CUTTING AND PATCHING REQUIRED TO CONCEAL CONDUITS & SHALL INCLUDE ALL COST IN BID.
 2. COORDINATE OUTLET AND CONDUIT INSTALLATION IN CASE WORK WITH CASBODK MANUFACTURER.
 3. REFER TO ARCHITECTURAL PLANS TO DETERMINE NEW AND EXISTING WALLS, CEILINGS & FLOORS.
 4. WHERE COUNTER OCCURS RECEPTACLES SHALL BE MOUNTED +6" ABOVE SPLASH ALL OTHERS SHALL BE MOUNTED +12" ABOVE FLOOR FINISH, OTHERWISE NOTED.

- ② PROVIDE 30A 3P 240V ENCLOSED CIRCUIT BREAKER WALL MOUNT + 6'-0" REFER TO SINGLE LINE DIAGRAM SHEET E-1 AND VERIFY EXISTING IN THE FIELD.
- ④ PROVIDE 120V J-BOX AND CONNECT TO SOLENOID VALVE AS REQUIRED. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
- ⑤ SOLENOID SWITCH CONNECTION TO SOLENOID VALVE ROUTE CONDUIT PARALLEL TO PIPING RUNS TO MINIMIZE FLOOR SAW CUTTING. VERIFY WITH MECHANICAL CONTRACTOR.
- ⑥ PROVIDE 120V J-BOX AND CONNECT TO DISHWASHER AS REQUIRED.
- ⑦ SAWCUT AND PATCH FLOOR AS REQUIRED FOR CONDUIT INSTALLATION.
- ⑧ MOUNT IN CASBODK AS DIRECTED BY ARCHITECT.

- REFERENCE NOTES:
- ① REFER TO MECHANICAL DRAWINGS M1 & M2 FOR EXACT REQUIREMENTS.
 - ② INTERCEPT EXISTING CIRCUIT HOMERUNS AND CONNECT AS REQUIRED. VERIFY IN THE FIELD.
 - ③ EXTEND EXISTING WIRING TO NEW LOCATION OF EXHAUST FAN AND CONNECT AS REQUIRED. VERIFY IN THE FIELD.
 - ④ ALL EXISTING RECEPTACLES TO REMAIN AND AFFECTED BY THE NEW INSTALLATION SHALL BE RENDERED OPERABLE.
 - ⑤ DISCONNECT EXISTING LOAD CONNECTED TO THE CIRCUIT AND ABANDON WIRING.
 - ⑥ CONDUIT PROVISION FOR FUTURE HORTICULTURE ROOM.
 - ⑦ POWER SHALL REMAIN AVAILABLE FOR OWNER'S USE DURING CONSTRUCTION.
 - ⑧ CONNECT TO VACUUM PUMP AS REQUIRED. VERIFY WITH MECHANICAL CONTRACTOR.
 - ⑨ EXISTING FLOOR RECEPTACLES ON UNDERFLOOR DUCT REMOVE REMOVE RECEPTACLES & PROVIDE BLANK BRASS COVER W/ CARPET FLANGE.
 - ⑩ TERMINATE CONDUIT IN SIDE OF EXISTING UNDERFLOOR DUCT & CONNECT TO EXISTING CIRCUITS INDICATED AS REQUIRED.
 - ⑪ RELOCATED DISCONNECT SWITCH SEE SINGLE LINE DIAGRAM SHEET E-2. MOUNT + 5'-0" AND CONNECT AS REQ'D. VERIFY EXISTING.
 - ⑫ PROVIDE 300A 3P 240V ENCLOSED CIRCUIT BREAKER WALL MOUNT + 5'-0" REFER TO SINGLE LINE DIAGRAM SHEET E-1 AND VERIFY EXISTING IN THE FIELD.

CLOCK SYSTEM CABINET "CSB" (E)
 FIRE ALARM PANEL "FAP" (E)
 TEL. BACKBOARD "TBB" (E)
 AUDIO VISUAL CABINET "AVB" (E)



NOTE:
 SEE SHEET E-3 NOTES.

- REFERENCE NOTES
- 1 REPLACE EXISTING CLOCK WITH CLOCK/SPEAKER SYSTEM TO MATCH EXISTING AND RECONNECT AS REQUIRED.
 - 2 RELOCATE EXISTING CLOCK/SPEAKER SYSTEM AND EXTEND WIRING TO NEW LOCATION. CONNECT AS REQUIRED.
 - 3 PROVIDE NEW SMOKE DETECTOR TO MATCH EXISTING. EXTEND NEW WIRING AND CONNECT AS REQUIRED.
 - 4 RECONNECT WIRES AFFECTED BY REMOVAL OF EXISTING SPEAKER.

APPROVED
 FIRE AND PAUC ONLY
 STATE FIRE MARSHAL
 SOUTH PLAIN REGION
 SUBJECT TO FIELD INSPECTION

APPROVED
 ARCHITECT
 A 48019 FEB 3 1987
 C. Shickellam

FREDERICK BROWN ASSOCIATES
 Consulting Engineers
 10001 S. BURNETT BLVD
 SAN ANTONIO, TEXAS 78243
 (512) 381-2252

THE ARCHITECTURAL GROUP
 PORTER JENSEN HANSEN MANZAGOL ARCHITECTS
 847 CAMINO DE LOS MARES SUITE 201
 SAN CLEMENTE, CALIFORNIA 92672 714-466-5101
 TRITTIPO AND ASSOCIATES ARCHITECTS SUI-788-2811
 10001 S. BURNETT BLVD. SUITE 200 SAN ANTONIO, TEXAS 78243

T
 A
 G

SCIENCE and UNIFIED ARTS REMODEL BUILDING
IRVINE HIGH SCHOOL
 SIGNAL PLAN

SIGNAL PLAN
 SCALE: 1/8" = 1'-0"
 BUILDING PLAN

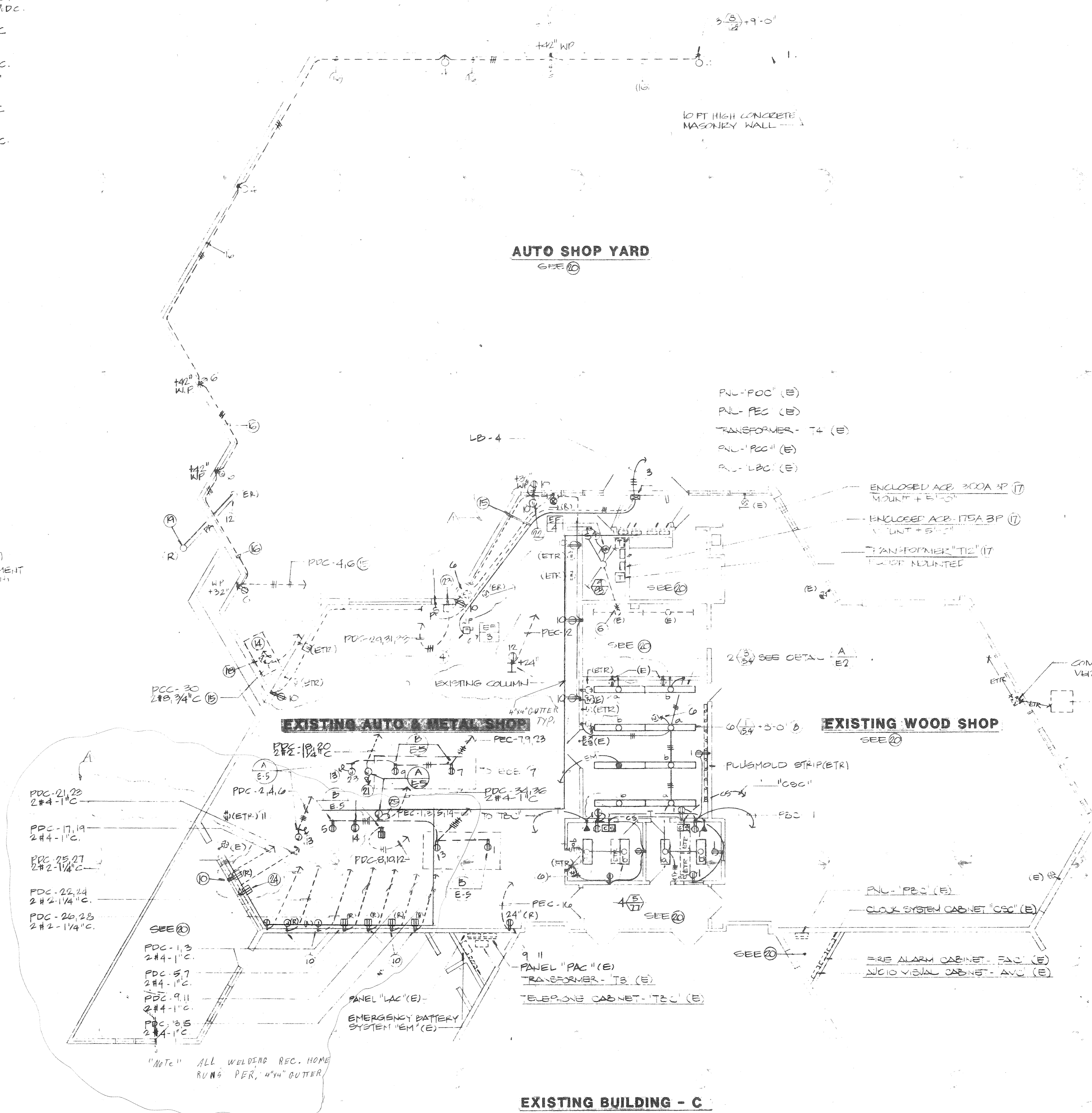
REVISIONS		JOB NUMBER	
AS BUILTS			
NOW CONSTRUCTION CORRECT			
10001 S. BURNETT BLVD		DRAWN	V. CALDERA
SAN ANTONIO, TEXAS 78243		CHECKED	B. AGAMAN
(512) 381-2252		DATE	2 FEB 87
			OF 20/31 SHEETS

PANEL "PDC" SECT A		TYPE EXISTING	
VOLTAGE 208V 3Ø W/ N		MAIN C.B. LUGS ONLY	
LOCATION ELEC. RM.		BUS SIZE 225 A	
CIRC. NO.	OUTLETS	WATTAGE	REMARKS
LTS. REC.	OTHER	Ø A Ø B Ø C	
1			ARC WELDING 455A 207 D.C.
2			ARC WELDING 455A 207 D.C.
3			ARC WELDING 455A 207 D.C.
4			ARC WELDING 455A 207 D.C.
5			ARC WELDING 455A 207 D.C.
6			ARC WELDING 455A 207 D.C.
7			ARC WELDING 455A 207 D.C.
8			ARC WELDING 455A 207 D.C.
9			ARC WELDING 455A 207 D.C.
10			ARC WELDING 455A 207 D.C.
11			ARC WELDING 455A 207 D.C.
12			ARC WELDING 455A 207 D.C.
13			ARC WELDING 455A 207 D.C.
14			ARC WELDING 455A 207 D.C.
15			ARC WELDING 455A 207 D.C.
16			ARC WELDING 455A 207 D.C.
17			ARC WELDING 455A 207 D.C.
18			ARC WELDING 455A 207 D.C.
19			ARC WELDING 455A 207 D.C.
20			ARC WELDING 455A 207 D.C.
21			ARC WELDING 455A 207 D.C.
22			ARC WELDING 455A 207 D.C.
23			ARC WELDING 455A 207 D.C.
24			ARC WELDING 455A 207 D.C.
25			ARC WELDING 455A 207 D.C.
26			ARC WELDING 455A 207 D.C.
27			ARC WELDING 455A 207 D.C.
28			ARC WELDING 455A 207 D.C.
29			ARC WELDING 455A 207 D.C.
30			ARC WELDING 455A 207 D.C.
31			ARC WELDING 455A 207 D.C.
32			ARC WELDING 455A 207 D.C.
33			ARC WELDING 455A 207 D.C.
34			ARC WELDING 455A 207 D.C.
35			ARC WELDING 455A 207 D.C.
36			ARC WELDING 455A 207 D.C.
37			ARC WELDING 455A 207 D.C.
38			ARC WELDING 455A 207 D.C.
39			ARC WELDING 455A 207 D.C.
40			ARC WELDING 455A 207 D.C.
41			ARC WELDING 455A 207 D.C.
42			ARC WELDING 455A 207 D.C.
43			ARC WELDING 455A 207 D.C.
44			ARC WELDING 455A 207 D.C.
45			ARC WELDING 455A 207 D.C.
46			ARC WELDING 455A 207 D.C.
47			ARC WELDING 455A 207 D.C.
48			ARC WELDING 455A 207 D.C.
49			ARC WELDING 455A 207 D.C.
50			ARC WELDING 455A 207 D.C.
51			ARC WELDING 455A 207 D.C.
52			ARC WELDING 455A 207 D.C.
53			ARC WELDING 455A 207 D.C.
54			ARC WELDING 455A 207 D.C.
55			ARC WELDING 455A 207 D.C.
56			ARC WELDING 455A 207 D.C.
57			ARC WELDING 455A 207 D.C.
58			ARC WELDING 455A 207 D.C.
59			ARC WELDING 455A 207 D.C.
60			ARC WELDING 455A 207 D.C.
61			ARC WELDING 455A 207 D.C.
62			ARC WELDING 455A 207 D.C.
63			ARC WELDING 455A 207 D.C.
64			ARC WELDING 455A 207 D.C.
65			ARC WELDING 455A 207 D.C.
66			ARC WELDING 455A 207 D.C.
67			ARC WELDING 455A 207 D.C.
68			ARC WELDING 455A 207 D.C.
69			ARC WELDING 455A 207 D.C.
70			ARC WELDING 455A 207 D.C.
71			ARC WELDING 455A 207 D.C.
72			ARC WELDING 455A 207 D.C.
73			ARC WELDING 455A 207 D.C.
74			ARC WELDING 455A 207 D.C.
75			ARC WELDING 455A 207 D.C.
76			ARC WELDING 455A 207 D.C.
77			ARC WELDING 455A 207 D.C.
78			ARC WELDING 455A 207 D.C.
79			ARC WELDING 455A 207 D.C.
80			ARC WELDING 455A 207 D.C.
81			ARC WELDING 455A 207 D.C.
82			ARC WELDING 455A 207 D.C.
83			ARC WELDING 455A 207 D.C.
84			ARC WELDING 455A 207 D.C.
85			ARC WELDING 455A 207 D.C.
86			ARC WELDING 455A 207 D.C.
87			ARC WELDING 455A 207 D.C.
88			ARC WELDING 455A 207 D.C.
89			ARC WELDING 455A 207 D.C.
90			ARC WELDING 455A 207 D.C.
91			ARC WELDING 455A 207 D.C.
92			ARC WELDING 455A 207 D.C.
93			ARC WELDING 455A 207 D.C.
94			ARC WELDING 455A 207 D.C.
95			ARC WELDING 455A 207 D.C.
96			ARC WELDING 455A 207 D.C.
97			ARC WELDING 455A 207 D.C.
98			ARC WELDING 455A 207 D.C.
99			ARC WELDING 455A 207 D.C.
100			ARC WELDING 455A 207 D.C.
TOTALS	20700	1104	2054 225A (1974) CONN.

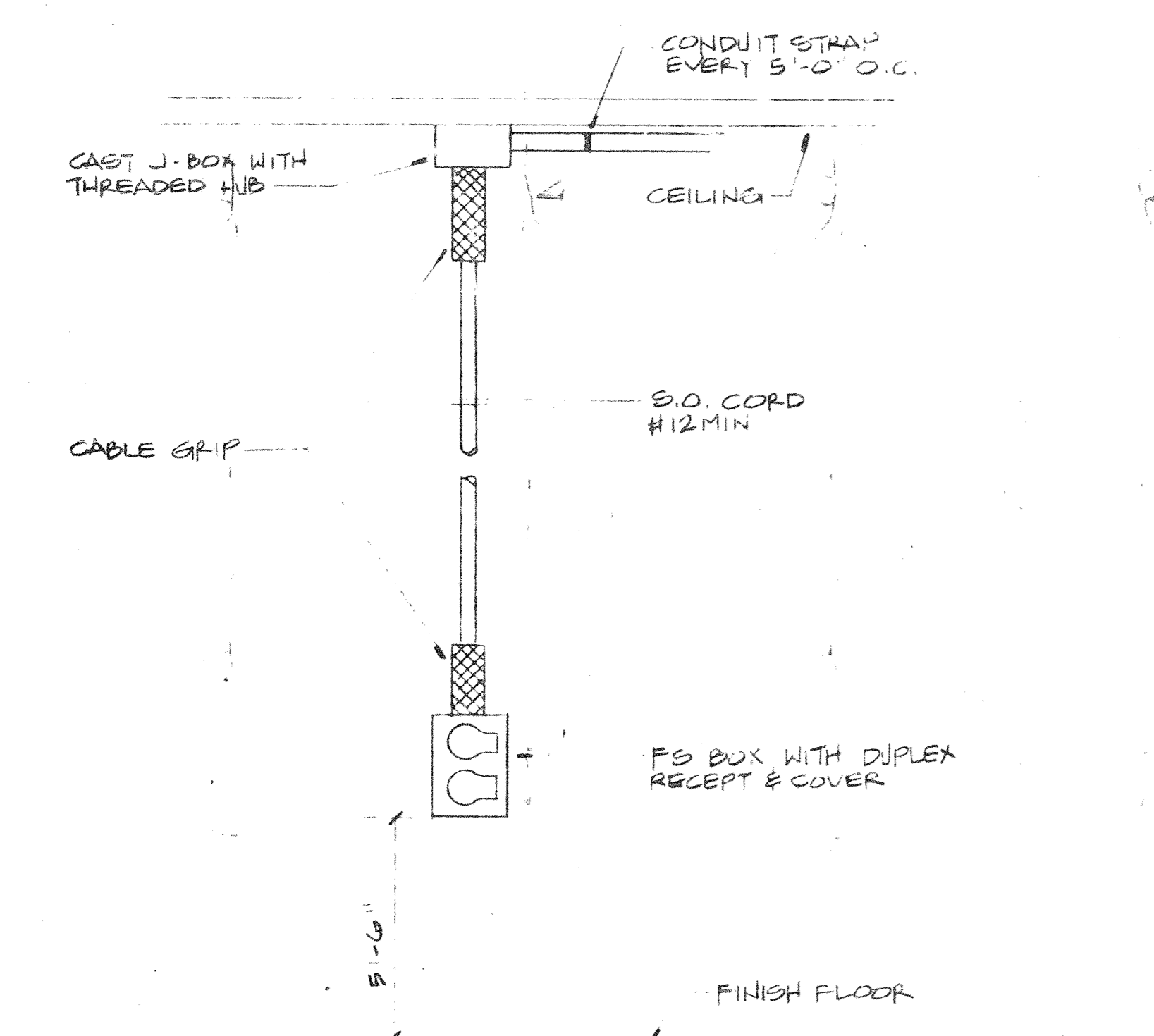
* PROVIDE NEW CRT BREAKER TO MATCH EXISTING.
 ** SEE SINGLE LINE DIAGRAM SHT. E-1
 † TRANSFER EXISTING 5A-2P BREAKER FROM CIRCUIT 4-16 TO 21-23
 WELDING MACHINE SUPPLY CONDUCTOR AMPLACITY
 DUTY CYCLE (%) 50 40 30 25 20 15 10 15 5 1000
 MULTIPLIER .71 .63 .55 .50 .45 .31 .27 .27 .22

PANEL "PEC" SECT B		TYPE EXISTING	
VOLTAGE 208V 3Ø W/ N		MAIN C.B. LUGS ONLY	
LOCATION ELEC. RM.		BUS SIZE 100A	
CIRC. NO.	OUTLETS	WATTAGE	REMARKS
LTS. REC.	OTHER	Ø A Ø B Ø C	
1			WORK TABLE
2			GRAPHIC (E)
3			WORK TABLE
4			AUTO SHAP LYS
5			PORT SW-3A GRINDER
6			STEAM CLEANER
7			WORK TABLE
8			WORK TABLE
9			WORK TABLE
10			WORK TABLE
11			GRINDER
12			GRINDER
13			E.F. PHOTO (E)
14			DRILL PRESS
15			E.F. PHOTO (E)
16			DRILLING MOUNTAIN
17			DRILLING
18			DRILL
19			DRILL
20			DRILL
21			DRILL
22			DRILL
23			DRILL
24			DRILL
25			DRILL
26			DRILL
27			DRILL
28			DRILL
29			DRILL
30			DRILL
31			DRILL
32			DRILL
33			DRILL
34			DRILL
35			DRILL
36			DRILL
37			DRILL
38			DRILL
39			DRILL
40			DRILL
41			DRILL
42			DRILL
43			DRILL
44			DRILL
45			DRILL
46			DRILL
47			DRILL
48			DRILL
49			DRILL
50			DRILL
51			DRILL
52			DRILL
53			DRILL
54			DRILL
55			DRILL
56			DRILL
57			DRILL
58			DRILL
59			DRILL
60			DRILL
61			DRILL
62			DRILL
63			DRILL
64			DRILL
65			DRILL
66			DRILL
67			DRILL
68			DRILL
69			DRILL
70			DRILL
71			DRILL
72			DRILL
73			DRILL
74			DRILL
75			DRILL
76			DRILL
77			DRILL
78			DRILL
79			DRILL
80			DRILL
81			DRILL
82			DRILL
83			DRILL
84			DRILL
85			DRILL
86			DRILL
87			DRILL
88			DRILL
89			DRILL
90			DRILL
91			DRILL
92			DRILL
93			DRILL
94			DRILL
95			DRILL
96			DRILL
97			DRILL
98			DRILL
99			DRILL
100			DRILL
TOTALS	1000	500	500 100A (500) CONN.

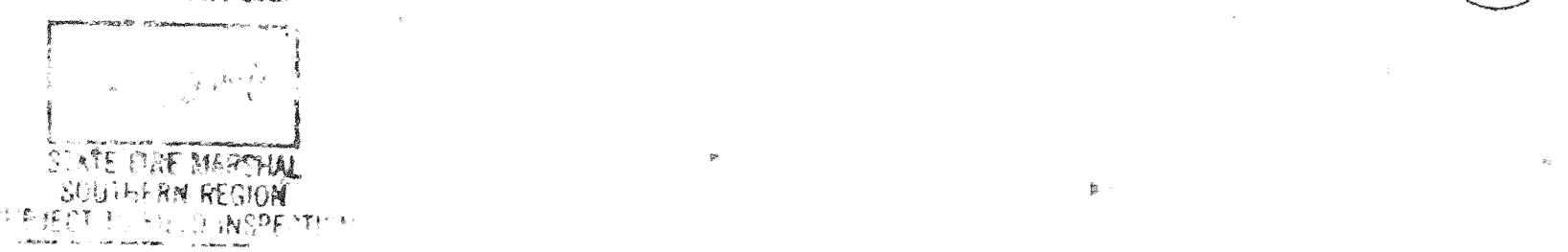
* DISCONNECT EXISTING LOADS AND RECONNECT NEW LOADS.



TYPICAL EQUIPMENT CONNECTION DETAIL
 SCALE: NONE



TYPICAL DROP CORD MOUNTING DETAIL
 SCALE: NONE



- REFERENCE NOTES:**
- TOGGLE TYPE ON/OFF SWITCH WITH PILOT LIGHT, GASKETED FS BOX WITH ENGRAVE NAMEPLATE "EXHAUST FAN".
 - PROVIDE 15A-3P 480V CIRCUIT BREAKER TO MATCH EXISTING ON AVAILABLE SPACE OF EXISTING PANEL.
 - PROVIDE SIZE 0 3Ø 480V MAGNETIC STARTER WITH 120V CONTROL TRANSFORMER FOR START P.B. AND PILOT LIGHT, NEMA 12 ENCLOSURE SURFACE MOUNTED +5"-0".
 - PROVIDE 3ØA, 3P 480V FUSIBLE DISCONNECT SWITCH IN NEMA-3R ENCLOSURE MOUNTED BESIDE EQUIPMENT. PROVIDE FUSE PER EQUIPMENT MANUFACTURERS RECOMMENDATION CONNECT AS REQUIRED.
 - PROVIDE 2-P 20A CIRCUIT BREAKER ON AVAILABLE SPACE OF EXISTING PANEL, BREAKER TYPE TO MATCH EXISTING. VERIFY IN FIELD.
 - INTERCEPT EXISTING POWER SUPPLY, EXTEND WIRING AND CONNECT AS REQUIRED.
 - CONNECT TO EXISTING EMERGENCY BATTERY SYSTEM NORMALLY ON OUTPUT TERMINAL.
 - TO REPLACE EXIST 8'FT SURFACE MOUNTED FLUORESCENT STRIP LIGHTING. VERIFY EXISTING.
 - EXISTING RECEPTACLE MOUNTED +12" RELOCATE AND MOUNT +24".
 - EXISTING RECEPTACLES/J-BOX FLOOR MOUNTED, RELOCATE AND MOUNT ON THE WALL +24". ABANDON EXISTING WIRING AND SEAL EXISTING CONDUITS BOTH ENDS. USE SAME CIRCUITS IN THE PANELBOARDS.
 - ABANDON WIRING AND SEAL EXISTING CONDUITS VERIFY EXISTING.
 - EXISTING POST LIGHT/SPEAKER TO BE RELOCATED AS SHOWN. EXTEND WIRING AND CONNECT AS REQUIRED. VERIFY EXISTING.
 - CONNECT GRINDER MACHINE AS REQUIRED VERIFY EXACT LOCATION IN THE FIELD.
 - CONNECT TO AIR COMPRESSOR (EHP 1Ø 208V) RELOCATED FROM OLD AUTO SHOP VERIFY WITH SCHOOL.
 - RUN CONDUIT EXPOSED ALONG THE WALL.
 - RUN CONDUIT EXPOSED +9'-0" ALONG THE WALL.
 - EXISTING RECEPTACLE TO REMAIN DISCONNECT EXISTING UNDER GROUND FEED AND RECONNECT TO NEAR OVERHEAD FEED.
 - PROVIDE 20A 3P-W 208V RECEPTACLE SURFACE MOUNTED +24" TYPE TO MATCH EQUIPMENT PLUG.
 - RELOCATED COMPRESSOR STARTER. CONNECT AS REQUIRED.

- PROVIDE 18" DIA X 36" DEEP REINFORCED CONCRETE BASE WITH TOP 2" 3/8" FINISH GRADE 4" AND ANCHOR BATS AS REQUIRED.
- EXISTING ELECTRICAL SHALL REMAIN UNLESS INDICATED OTHERWISE.
- CONNECT TO PLASMA CUTTER AS REQUIRED. VERIFY EXACT LOCATION IN THE FIELD.
- EXISTING RECEPTACLE TO REMAIN DISCONNECT EXISTING UNDER GROUND FEED AND RECONNECT TO NEAR OVERHEAD FEED.
- PROVIDE 20A 3P-W 208V RECEPTACLE SURFACE MOUNTED +24" TYPE TO MATCH EQUIPMENT PLUG.