

CITY OF SACRAMENTO**1231 I Street, Sacramento, CA 95814****Permit No: 0001056****Insp Area: 3****Site Address: 6880 FLORIN PERKINS RD SAC****Parcel No: 064-0120-022****Sub-Type: ACOM****Housing (Y/N): N****CONTRACTOR**BUNTAIN CONSTRUCTION
2535 HARLIN DR
SACRAMENTO CA 95826**OWNER**BOYD JOHN A
SACRAMENTO CA
95828**ARCHITECT****Nature of Work: 2200 SQ. FT. TENANT IMPROVEMENT. OFFICE AREA PLUS MEZZANINES.****CONSTRUCTION LENDING AGENCY:** I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.Y License Class B License Number 537343 Date 5-18-00 Contractor Signature [Signature]**OWNER-BUILDER DECLARATION:** I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the above mentioned property for inspection purposes.

X Date 5-18-00 Applicant/Agent Signature [Signature]**WORKER'S COMPENSATION DECLARATION:** I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier SUPERIOR NATIONALPolicy Number WDN744924Exp Date 07/01/2000

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

X Date 5-18-00 Applicant Signature [Signature]**WARNING:** FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.**

**Deardorff &
Deardorff, Inc**

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Ramona, CA 92065
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E-mail: MarkD@DandDEng.com

Transmittal

To: Scott From: Harry
Job: Boop Date: 6/22/00
Re: _____ CC: _____

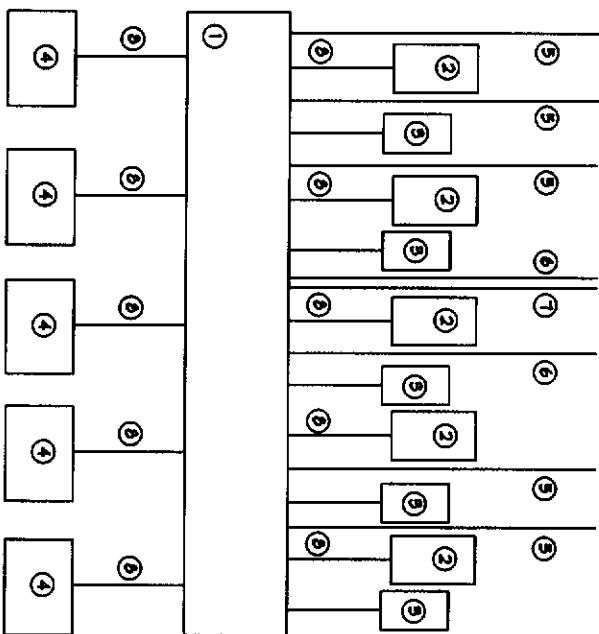
☐ Urgent ☐ For Review ☒ For Your Use ☐ Please Reply ☐ Please Comment

Date	No.	Description

(1) #4 BAR AT CORNERS OF
CMU WALL IS OK



TANK EXHAUST FAN CONTROL DETAIL



LEGEND

- ① 6" X 6" WIREWAY.
- ② DISCONNECT SWITCH.
- ③ START/STOP STATION.
- ④ MAGNETIC STARTER.
- ⑤ 3/4" EMT WITH (6) #12 THHN.
- ⑥ 1" EMT WITH (6) #12 THHN.
- ⑦ 1" EMT WITH (3) #12 THHN.
- ⑧ 3/4" EMT WITH (6) #12 THHN.

WIREWAY

6" X 6" WIREWAY=36 SQ. IN.

WIREWAY FILL

20% MAXIMUM=7.2 SQ. IN.

QUANTITY OF CONDUCTORS IN WIREWAY

60 #12 THHN

CONDUCTOR FILL

#12 THHN=0.0133 X 60=0.798 SQ. IN.

AMPACITY OF LOAD

EACH STARTER SUPPLIES A 208V, 3PH,
1-1/2 H.P. FAN MOTOR @ 6.6 AMP EA.

CONDUCTOR AMPACITY

#12 THHN RATED @ 90°C= 30 AMP
30 AMP X 35%= 10.5 AMP



BARNUM & CELLULO
ELECTRIC, INC.



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COMMERCIAL ELECTRICAL
& CONTRACTING SERVICES
SINCE 1990

Project Name: JOHN BOYD T.I.

Address: 6880 FLORIN PERKINS ROAD

SACRAMENTO, CALIFORNIA

Date: 11-14-00

Scale: NTS

Drawn: JBY

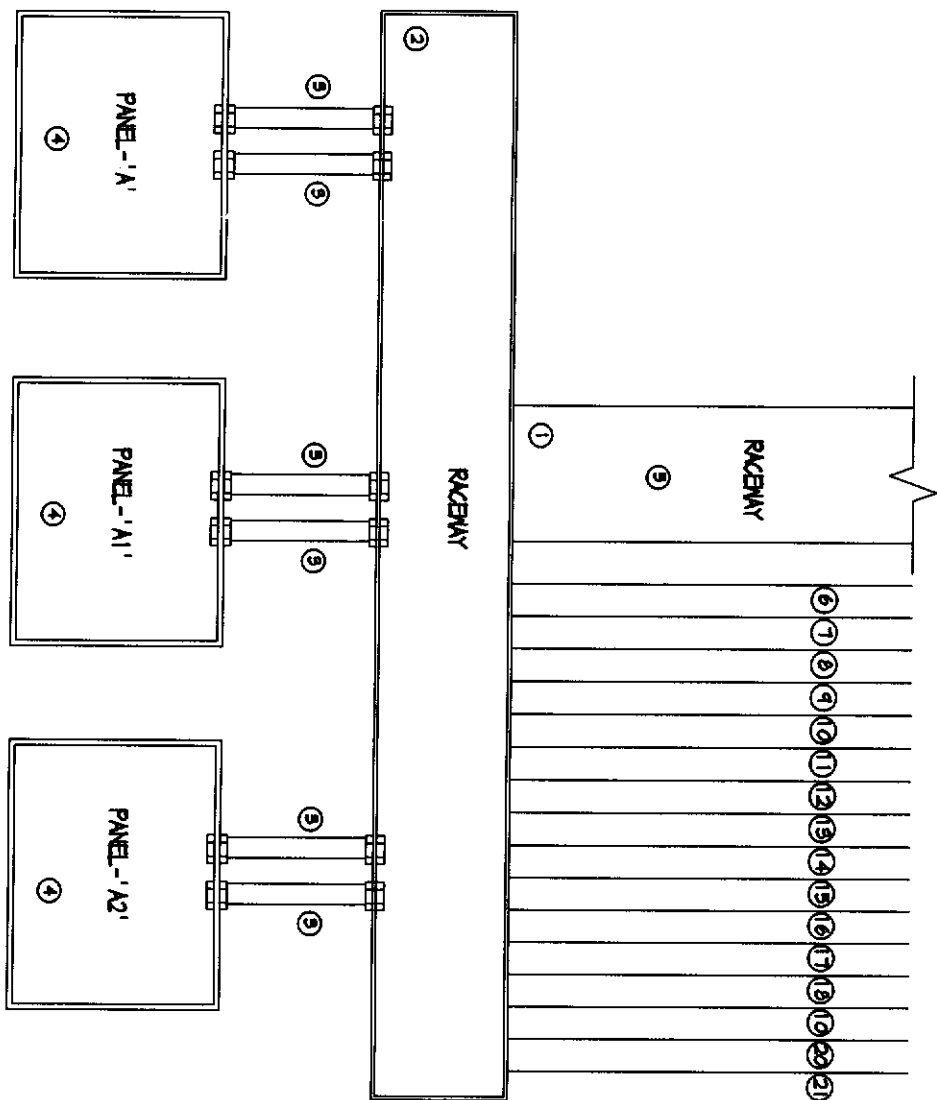
Job: 1406

Sheet
DT-1

OF Sheets

LEGEND

- ① 12" X 12" VERTICAL WIREWAY
- ② 12" X 12" HORIZONTAL WIREWAY
- ③ 2" X 1/8" EMT NIPPLES
- ④ SUB PANELS
- ⑤ TOTAL NUMBER OF CONDUCTORS EXCLUDING GROUND CONDUCTORS (3) #6, (30) #12



PANEL AND FEEDER DETAIL

NO SCALE



ELECTRIC, INC.



BARNUM & CIELLO

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SINCE 1990

Project Name: JOHN BOYD T.I.

Address: 6880 FLORIN PERKINS ROAD

SACRAMENTO, CALIFORNIA

Date: 11-14-00

Scale: NTS

Drawn: JBY

Job: 1458

DT-2

1 of 2 Sheets

CONDUIT ENTRY

⑥

3/4" C EMT (8) #12 TH+N
A. PANEL A2-2, 4, 6
REF-1
2 H.P., 3 PH, 208V
7.5 AMP
#12 CONDUCTOR

B. PANEL A2-32, 34, 36
REF-2
1-1/2 H.P., 3 PH, 208V
6.6 AMP
#12 CONDUCTOR

C. PANEL A2-14
ROOF RECEPTACLE
1 X 200 = 200 ÷ 120 = 1.66 AMP
1.66 AMP
#12 CONDUCTOR

⑦

3/4" C EMT (3) #10 TH+N
(8) #12 TH+N
A. PANEL A2-14
AIR COMPRESSOR
5 H.P., 3 PH, 208V
16.7 AMP
#10 CONDUCTOR-----

B. PANEL A1-10, 12, 14
SOLDER PUMP 1
1/2 H.P., 3 PH, 208V
2.4 AMP
#12 CONDUCTOR

C. PANEL A-31, 33, 35
SOLDER PUMP 2
1/2 H.P., 3 PH, 208V
2.4 AMP
#12 CONDUCTOR

D. PANEL A1-17
TIME CLOCK
300 WATTS
2.5 AMP
#12 CONDUCTOR

⑧

3/4" C EMT (4) #12 TH+N
A. PANEL A-25
FIN MACHINE 1
1 H.P., 1 PH, 115V
13.6 AMP
#12 CONDUCTOR-----

B. PANEL A-27
FIN MACHINE 2
1 H.P., 1 PH, 115V
13.6 AMP
#12 CONDUCTOR-----

C. PANEL A-24
FIN MACHINE 3
3/4 H.P., 1 PH, 115V
11.2 AMP
#12 CONDUCTOR-----

⑨

3/4" C EMPTY

⑩

3/4" C EMT (11) #12 TH+N
A. PANEL A-5, 7
6 HIGH BAY LIGHTS FIXTURE • 1.5 EA. = 9.0 AMP
9.0 AMP
#12 CONDUCTOR

B. PANEL A-9, 11
6 HIGH BAY LIGHTS FIXTURE • 1.5 EA. = 9.0 AMP
9.0 AMP
#12 CONDUCTOR

C. PANEL A-13, 15
6 HIGH BAY LIGHTS FIXTURE • 1.5 EA. = 9.0 AMP
9.0 AMP
#12 CONDUCTOR

D. PANEL A-37, 39
6 HIGH BAY LIGHTS FIXTURE • 1.5 EA. = 9.0 AMP
9.0 AMP
#12 CONDUCTOR

⑪

E. PANEL A-14
EXIT LIGHTS FIXTURE = 5 AMP
5 AMP
#12 CONDUCTOR

3/4" C EMT (2) #12 TH+N
(3) #8 TH+N

A. PANEL A2-17
AMADA (COMPUTER)
2 AMP
#12 CONDUCTOR

B. PANEL A-8, 10, 12
AMADA
30 AMP (11KVA)
#8 CONDUCTOR-----

⑫

3/4" C EMPTY

⑬

3/4" C EMT (3) #8 TH+N
PANEL A1-2, 4, 6
PUNCH PRESS
7.5 H.P., 3PH 208V
24.2 AMP
#8 CONDUCTOR-----

⑭

3/4" C EMT (4) #12 TH+N
A. PANEL A2-3
C.T. MACHINE 1
1/3 H.P., 1 PH, 115V
7.2 AMP
#12 CONDUCTOR

B. PANEL A2-5
C.T. MACHINE 2
1/3 H.P., 1 PH, 115V
7.2 AMP
#12 CONDUCTOR

C. PANEL A2-7
X.T. MACHINE
1/4 H.P., 1 PH, 115V
5.8 AMP
#12 CONDUCTOR

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& CONTRACTING SERVICES
SINCE 1990

Project Name	JOHN BOYD T.I.	Date	11-14-00	Sheet	2 OF 2 Sheets
Address	6880 FLORIN PERKINS ROAD SACRAMENTO, CALIFORNIA	Scale	NTS	DT-3	
Drawn		Job	1456		

CONDUIT ENTRY

⑬ 3/4" C EMT (4) #12 THHN

A. PANEL 'A2' CKT 8/10/12

CONDENSING UNIT

10.3 AMP, 3 PH, 208V

#12 CONDUCTOR

B. PANEL 'A2' CKT 16

ROOF RECEPTACLE

1 X 200 = 200 120 = 1.66 AMP

1.66 AMP

#12 CONDUCTOR

⑭ 3/4" C EMT (11) #12 THHN

A. PANEL 'A1'

CIRCUIT 2

6 DUPLEX RECEPTACLE

6 X 180 = 1,080 ÷ 120 = 9 AMP

9 AMP

#12 CONDUCTOR

CIRCUIT 4

6 DUPLEX RECEPTACLE

6 X 180 = 1,080 ÷ 120 = 9 AMP

9 AMP

#12 CONDUCTOR

CIRCUIT 6

3 DUPLEX RECEPTACLE

3 X 180 = 540 ÷ 120 = 4.5 AMP

4.5 AMP

#12 CONDUCTOR

CIRCUIT 17

4 LIGHT FIXTURES @ .44 AMP EA. = 1.96 AMP

4 LIGHT FIXTURES @ .77 AMP EA. = 3.08 AMP

5.04 AMP

#12 CONDUCTOR

CIRCUIT 14
2 LIGHTS FIXTURE @ .77 EA. = 1.54 AMP
1.54 AMP
#12 CONDUCTOR

A. PANEL 'A2'

CIRCUIT 15

4 DUPLEX RECEPTACLE

4 X 180 = 720 ÷ 120 = 6 AMP

6 AMP

#12 CONDUCTOR

CIRCUIT 16

FURNACE

1.2 AMP, 1 PH, 120V

#12 CONDUCTOR

⑮ 3/4" C EMT (3) #12 THHN

PANEL A1-5, 7, 9

NOTCHER

15.9 AMP

#12 CONDUCTOR-----

⑯

3/4" C EMT (12) #12 THHN

A. PANEL A-20, 22, 24

PRESS MACHINE 1

3/4 H.P., 3 PH, 208V

3.5 AMP

#12 CONDUCTOR

B. PANEL A-26, 28, 30

PRESS MACHINE 2

3/4 H.P., 3 PH, 208V

3.5 AMP

#12 CONDUCTOR

C. PANEL A-32, 34, 36

PRESS MACHINE 3

3/4 H.P., 3 PH, 208V

3.5 AMP

#12 CONDUCTOR

D. PANEL A-38, 40, 42

PRESS MACHINE 4

3/4 H.P., 3 PH, 208V

3.5 AMP

#12 CONDUCTOR

⑰

1" C EMT (3) #6 THHN

PANEL A1-29, 31, 33

PRESS BRAKE

10 H.P., 3 PH, 208V

30.8 AMP

#6 CONDUCTOR-----

⑱

3/4" C EMT (3) #10 THHN

PANEL A1-21, 23, 25

SHEAR

5 H.P., 3 PH, 208V

14.8 AMP

#10 CONDUCTOR

⑲

3/4" C EMT (3) #12 THHN

PANEL A2-22, 24, 26

SQUARE MACHINE

2 H.P., 3 PH, 208V

7.5 AMP

#12 CONDUCTOR

BARNUM & CULLINO



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License #539724

COMMERCIAL ELECTRICAL
& CONTRACTING SERVICES
SINCE 1980

Project Name: JOHN BOYD T.I.

Address: 6880 FLORIN PERKINS ROAD

SACRAMENTO, CALIFORNIA

Date: 11-14-00

Scale: NTS

Drawn: JBY

Job: 1458

Sheet

DT-4

2 of 2 Sheets

PANEL 'A'

- A. CIRCUIT 14
PRESS #5
3/4 H.P., 1PH, 115V
13.8 AMP
#12 CONDUCTOR
- B. CIRCUIT 21
4 DUPLEX RECEPTACLE
4 X 180 = 720 ÷ 120 = 6 AMP
6 AMP
#12 CONDUCTOR
- C. CIRCUIT 23
1 DUPLEX RECEPTACLE (COMPUTER)
1 X 200 = 200 ÷ 120 = 1.66 AMP
1.66 AMP
#12 CONDUCTOR
- D. CIRCUIT 41
ROLL UP DOOR OPERATOR
1/2 H.P., 1PH, 115V
9.8 AMP
#12 CONDUCTOR

PANEL 'A'

- A. CIRCUIT 1
TUBE SAW 1
1 H.P., 1 PH, 115V
12 AMP
#8 CONDUCTOR
- B. CIRCUIT 3
TUBE SAW 2
1 H.P., 1PH, 115V
12 AMP
#8 CONDUCTOR
- C. CIRCUIT 11, 13, 15
BAND SAW
1/2 H.P., 3 PH, 208V
2.4 AMP
#12 CONDUCTOR
- D. CIRCUIT 18, 20
FOAM MACHINE
(2) 1/6 H.P., 1PH, 208V
4.4 AMP
#12 CONDUCTOR
- E. CIRCUIT 22, 24, 26
DRILL PRESSES
1.2 KW, 3 PH, 208V
3.33 AMP
#12 CONDUCTOR

PANEL 'A2'

- A. CIRCUIT 1
4 DUPLEX RECEPTACLE
4 X 180 = 720 ÷ 120 = 6 AMP
6 AMP
#12 CONDUCTOR
- B. CIRCUIT 14
REF-5
3/4 H.P., 1 PH, 115V
5.8 AMP
#12 CONDUCTOR
- C. CIRCUIT 21
REF-8
3/4 H.P., 1 PH, 115V
5.8 AMP
#12 CONDUCTOR
- D. CIRCUIT 23
4 DUPLEX RECEPTACLE
4 X 180 = 720 ÷ 120 = 6 AMP
6 AMP
#12 CONDUCTOR
- E. CIRCUIT 25
REF-4
3/4 H.P., 1 PH, 115V
5.8 AMP
#12 CONDUCTOR
- F. CIRCUIT 38, 40, 42
REF-7
1 H.P., 3 PH, 208V
4.6 AMP
#12 CONDUCTOR

BARNUM & CELLULO



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& CONTRACTING SERVICES
SINCE 1980

Project Name: JOHN BOND T.I.

Address: 6880 FLORIN PERKINS ROAD

SACRAMENTO, CALIFORNIA

Date: 11-14-00

Scale: NTS

Drawn: JSY

Job: 1458

Sheet

DT-5

2 OF 2 SHEETS