



HILLIARD ARCHITECTS INC. COPYRIGHT

Branch Panel: 1CA

Location: Space 184

Supply From:

Mounting: Recessed

Enclosure: Type 1

Volts: 120/208 Vye

Phases: 3

Wires: 4

A.I.C. Rating: 10.000

Main Type: MLO

Mains Rating: 225 A

MCB Rating:

Notes: REFER TO SINGLE LINE DIAGRAM

| CKT | Circuit Description | Trip | Poles | A | B | C | Poles | Trip | Circuit Description | CKT |
|-------------|-------------------------------------|------|-------|----------|---------|--------|--------|---------|-----------------------------|-----|
| 1 | ADMIN C142 | 20 A | 1 | 1080 | 1080 | | | 1 | ADMIN C142 | 2 |
| 3 | ADMIN C142 | 20 A | 1 | | 900 VA | 1080 | | 1 | ADMIN C142 | 4 |
| 5 | CIRCULATION RECEPTION C142B | 20 A | 1 | | | 720 VA | 180 VA | 1 | PLOTTER DED C142B | 6 |
| 7 | DED RECEPTION C142B | 20 A | 1 | 180 VA | 1152 | | | 1 | ADMIN LIGHTING C142 | 8 |
| 9 | LIGHTING POWER C141, C142A | 20 A | 1 | | 456 VA | 360 VA | | 1 | HALLWAY C142A | 10 |
| 11 | LIGHTING POWER C142B | 20 A | 1 | | | 192 VA | 1040 | 1 | C139 TV OUTLET | 12 |
| 13 | WATER BATH C143A | 20 A | 1 | 500 VA | 720 VA | | | 1 | HALLWAY RECEPTACLES | 14 |
| 15 | CENTRIFUGE 5604R C143A | 20 A | 1 | | 1920 | 840 VA | | 1 | LTG C132, C140 | 16 |
| 17 | LTG C138 - C139 | 20 A | 1 | | | 1500 | 1620 | 1 | REFRIGERATOR 20 DEGREE C140 | 18 |
| 19 | LUNCH ROOM/LOUNGE C140 CONV | 20 A | 1 | 540 VA | 900 VA | | | 1 | OFFICE C132 OUTLET | 20 |
| 21 | VENDING MACHINE C140 | 20 A | 1 | | 1000 | 180 VA | | 1 | RTU-1 ROOFTOP RECEPTACLE | 22 |
| 23 | VENDING MACHINE C140 | 20 A | 1 | | | 1000 | 720 VA | 1 | WORKSTATION C143A | 24 |
| 25 | OPEN OFFICE C139 | 20 A | 1 | 720 VA | 1080 | | | 1 | OPEN OFFICE C139 | 26 |
| 27 | TISSUE CULTURE C143A | 20 A | 1 | | 720 VA | 1080 | | 1 | OPEN OFFICE C139 | 28 |
| 29 | WORKROOM C136, C137, C138 RECEPTION | 20 A | 1 | | | 1080 | 540 VA | 1 | CONFERENCE CONV RECEPTION | 30 |
| 31 | FREEZER C143A | 20 A | 1 | 3100 | 600 VA | | | 1 | LTG HALLWAY C101 | 32 |
| 33 | Spare | 0 A | 1 | | 0 VA | 0 VA | | 1 | Spare | 34 |
| 35 | Spare | 0 A | 1 | | | 0 VA | 0 VA | 1 | Spare | 36 |
| 37 | Spare | 0 A | 1 | 0 VA | 0 VA | | | 1 | Spare | 38 |
| 39 | Spare | 0 A | 1 | | 0 VA | 0 VA | | 1 | Spare | 40 |
| 41 | Spare | 0 A | 1 | | | 0 VA | 0 VA | 1 | Spare | 42 |
| Total Load: | | | | 11652 VA | 8536 VA | | | 8592 VA | | |
| Total Amps: | | | | 97 A | 71 A | | | 72 A | | |

Legend:

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals |
|---------------------------------------|----------------|---------------|------------------|---|
| Receptacle | 0 VA | 0.00% | 0 VA | Total Conn. Load: 28780 VA Total Est. Demand: 28780 VA |
| Lighting | 1440 VA | 100.00% | 1440 VA | |
| HVAC | 0 VA | 0.00% | 0 VA | |
| Kitchen Equipment - Non-Dwelling Unit | 0 VA | 0.00% | 0 VA | Total Conn.: 80 A Total Est. Demand: 80 A |
| Equipment | 0 VA | 0.00% | 0 VA | |
| Motor | 0 VA | 0.00% | 0 VA | |
| Transformer | 0 VA | 0.00% | 0 VA | |
| Power | 24040 VA | 100.00% | 24040 VA | |
| Spare | 0 VA | 0.00% | | |

Notes:

LOADS IN PANEL SHOWS NEW LOAD IN ADMIN WORK AND FUTURE LAB WORK. CONTRACTOR TO REFER AND COORDINATE WITH THE FLOOR PLAN FOR RELATED WORK.

FINAL BID DOCUMENTS

| | | | | | | | | | |
|---------------------------------|---------------------------|--------------------------------|---|---|--|---|---|---|--|
| | | CONSULTANTS: |  | ARCHITECT/ENGINEERS:  HILLIARD ARCHITECTS, INC <i>251 Post Street, Suite 620</i> <i>San Francisco, CA 94108-5017</i> <i>Tel 415 989 6400, Fax 415 989 3056</i> <i>www.HilliardArchitects.com</i> | Project Title PANEL SCHEDULES | Project Title VA PA BLDG 6 ADMINISTRATIVE EXPANSION | Project Number 640-13-121P | Office of Construction and Facilities Management | |
| | | | | | | | | | Building Number 6 |
| | | | | | | | | | |
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| Revision 1 Revisions: | 05.02.2014 Date | | | | Approved: Project Director | Location VAPAHCS, PALO ALTO CAMPUS 3601 MIRANDA AVE. PALO ALTO, CA 94304 | Building Number E601A |  Department of Veterans Affairs | |
| | | Date 04.17.14 | Checked SHG | Drawn HP | | Dwg. of | | | |
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