

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0509361**

**Insp Area: 4**

**Thos Bros:**

**Sub-Type: TI**

**Housing (Y/N): N**

**Site Address: 2210 DEL PASO RD SAC St: # B**

**Parcel No: UNKNOWNPAR**

**CONTRACTOR**  
S J MEYERS CONSTRUCTION  
P O BOX 2278  
MURPHYS CA 95247

**OWNER**  
SACRAMENTO PROPERTIES HOLDINGS INC  
2150 RIVER DR #155  
SACRAMENTO CA 95833

**ARCHITECT**  
TECHSPACE  
777 CAMPUS COMMONS DR #200  
SACRAMENTO CA 95825

**Nature of Work: INTERIOR CEILINGS/WALLS, 2 RESTROOMS, SPRINKLERS, ELECTRICAL & DUCTWORK**

**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.

License Class B License Number 663504 Date 7-27-05 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, deminish, 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. 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 \_\_\_\_\_

**PAID**  
**CITY OF SACRAMENTO**  
**JUL 27 2005**  
**NORTH PERMIT CENTER**

**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.

Date 7-27-05 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 EXEMPT Policy Number \_\_\_\_\_ Exp Date \_\_\_\_\_

\_\_\_\_ (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.

Date 7-27-05 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.**

# APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO  
 PLANNING & BUILDING DIVISION  
 PERMIT SERVICES SECTION  
 (916) 808-2534 FAX: (916) 808-7046

|                               |            |
|-------------------------------|------------|
| ACTIVITY #<br><b>050 9361</b> | Insp. Area |
|-------------------------------|------------|

Applicant **MUST** complete ALL Unshaded Areas

ADDRESS: 2210 Del Paso Rd Suite: B

PARCEL #: \_\_\_\_\_

|   |   |
|---|---|
| <p style="text-align: center;"><b>CONTACT</b></p> <p>Name: <u>STEVEN MYERS</u><br/>                 Street Address: <u>740 ANKOR CT.</u><br/>                 City/State/Zip: <u>MURPHY CA 95247</u><br/>                 Phone: <u>209-728-8197</u><br/>                 E-Mail: <u>SJMYERS@GOLDRUSH.COM</u></p> | <p style="text-align: center;"><b>LICENSED CONTRACTOR</b> Lic No. # <u>663504</u></p> <p>Name: <u>S.J. MYERS GWSI</u><br/>                 Street Address: <u>P.O. Box 2278</u><br/>                 City/State/Zip: <u>MURPHYS CA 95247</u><br/>                 Phone: <u>209-728-8197</u><br/>                 E-Mail: <u>SJMYERS@GOLDRUSH.COM</u></p> |
| <p style="text-align: center;"><b>ARCHITECT/ENGINEER</b></p> <p>Name: <u>TECHSPACE</u><br/>                 Street Address: <u>1765 CHALLENGE WAY #130</u><br/>                 City/State/Zip: <u>SACRAMENTO CA 95815</u><br/>                 Phone: <u>916-565-0888</u><br/>                 E-Mail: _____</p> | <p style="text-align: center;"><b>OWNER</b></p> <p>Name: <u>COUNTRY WIDE HOME LOANS</u><br/>                 Street Address: <u>450 AMERICAN WAY</u><br/>                 City/State/Zip: <u>SEMI VALLEY CA 94306</u><br/>                 Phone: <u>905-955-7253</u><br/>                 E-Mail: _____</p>  |

⇒ Will permittee have any employees on the jobsite?  No  Yes ⇒ Insurance Co.: \_\_\_\_\_

⇒ WORKER'S COMPANSATION POLICY # \_\_\_\_\_ EXPROATION DATE: \_\_\_\_\_

NATURE OF WORK IN DETAIL: Interior ceilings/walls, 2 restrooms, sprinklers, electrical & ductwork

OCCUPANT/TENANT: \_\_\_\_\_ VALUATION: 140,000

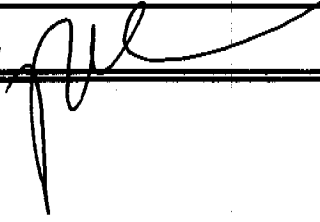
| FLOOD STATUS:          |                          |            | S.C.A.T. |            |            |                 |       |          |           |             |
|------------------------|--------------------------|------------|----------|------------|------------|-----------------|-------|----------|-----------|-------------|
| JOB DISCRPTION         | BLDG                     | SHELL      | APT      | TI ( )     | REM ( )    | SW              | FIRE  | ADD      | OTH       |             |
| INSPECTION DISCIPLINES |                          |            | BLDG     | MECH       | PLUMB      | ELEC            |       | SITE     | FIRE      |             |
| # Stories              | 1 <sup>st</sup> Flr Area | Total Area | Use Spec | Occp Group | Coast type | Fire Req. Y / N |       | Fed Code | Vio. [H]  | File [Quad] |
|                        |                          |            |          |            |            | SPR             | ALARM |          |           |             |
| <u>B</u>               | <u>L</u>                 | <u>P</u>   | <u>M</u> | <u>E</u>   | <u>F</u>   | <u>S</u>        |       | <u>D</u> | <u>PW</u> | <u>UTIL</u> |

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT:  Yes  No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS?  Provided  Faxed

City of Sacramento Planning Division  
**PLANNING REVIEW FOR BUILDING PERMIT SUBMITTAL**

|  |  |
|--|--|
| ADDRESS: 2210 DEL PASO ROAD, SUITE B   | APN: 225-0070-125  |
| DRPB AREA / PUD / SPD: NATOMAS CROSSING PUD  | ZONING: EC-50-PUD  |
| EXISTING LAND USE: OFFICE BUILDING (14, 850 GROSS SQ FT)   |  |
| PROPOSED USE: MORTGAGE OFFICE (4230 SQ FT) FIRST TIME TI   |  |
| PLANNING STAFF WILL CHECK ONE OR MORE OF THE ITEMS BELOW:  |  |
| <input type="checkbox"/>   | Planning review is NOT required.   |
| <input type="checkbox"/>   | Use is NOT allowed; applicant CANNOT submit for plan check.  |
| <input type="checkbox"/>   | Requires APPLICATION(s): PC      ZA      IR      ER      DR      PB<br>Required Planning application must be submitted <i>before</i> project can be submitted for plan check.  |
| <input type="checkbox"/>   | Application(s) IN PROGRESS:<br>Applicant may submit for concurrent building permit plan check, at applicant's risk.<br>Building Division must check with Planning staff and/or SITE before issuing building permit.          |
| <input checked="" type="checkbox"/>  | Application(s) COMPLETED: P03-070 (COMPLETED 01-22-2004)<br>Building permit must conform to approved plans and comply with all conditions of approval.<br>Do NOT issue building permit prior to end of 10 day appeal period. |
| <input checked="" type="checkbox"/>  | Plans may be submitted for plan check. Plan checker(s) shall confirm compliance with Zoning Ordinance requirements and all applicable development standards <i>prior to issuance</i> of building permit.                     |
| <input type="checkbox"/>   | Meets setback & lot coverage requirements as shown on site plan provided.  |
| <input type="checkbox"/>   | Plans to be submitted have been stamped/signed by Planning counter staff.  |
| <input checked="" type="checkbox"/>  | Route to SITE for plan check and inspection.   |
| <input type="checkbox"/>   | Preliminary review ONLY; the information on this form must be reviewed again and confirmed at the time of building permit submittal.   |
| COMMENTS: Building permit must conform to approved plans and comply with all conditions of approval P03-070. |  |
| PARKING RATIO WAS DETERMINED THROUGH P03-070.  |  |
| DATE: 06-28-2005   | BY: PCALDWELL   |

CITY OF SACRAMENTO

**CERTIFICATE OF OCCUPANCY**

For Information Contact (916) 808-5716

Building Address: 2250 DEL PASO ROAD, SUITE B Permit No.: 0509361  
Building Use: OFFICE DBA: COUNTRY WIDE HOME LOANS Occupancy: B  
Building Owner: SACRAMENTO PROPERTIES HOLDING Construction Type: VN  
Owner Address: SACRAMENTO, CALIF 95833 Sprinkled?  Yes  No  
Portion of Building Occupied: ENTIRE Area: 4230 Sq. Ft.  
10/14/2005  
Date By: (Print) James Redford Sign RON BEEHLER  
CHIEF BUILDING OFFICIAL

[ Finaled By: MJ, CHM, SK, MM, MJG ]

*This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Chief Building Official. No changes shall be made in the character of occupancy or use without approval of the Chief Building Official.*

**POST IN A CONSPICUOUS PLACE**

CAL. LIC. #434901  
1121 UNIVERSITY TERRACE  
RENO, NEVADA 89503  
(702) 747-0100



## ***RAGLEN SYSTEM BALANCE, INC.***

### **FIELD COPY**

PROJECT: COUNTRY WIDE

CONTRACTOR: FREDS TOTAL SERVICE

TECHNICIAN: CHARLES SCHWEBACH TBE

DATE: 10/10/05

REMARKS \_\_\_\_\_

JOB NAME: COUNTRYWIDE HOME LOANS

R.S.B JOB NUMBER: 13283

MECHANICAL CONTRACTOR: FRED'S TOTAL SERVICE

MECHANICAL ENGINEER: \_\_\_\_\_

TECHNICIANS NAMES(S): CHARLES SCHWEBACH, ROBERT COLLINS

# OF COPIES: 4

SEND REPORTS TO: FRED'S TOTAL SYSTEM

DRAWINGS / SCHEMATIC(S)? YES  NO

M-

PLAN / SHEET NUMBER(S): \_\_\_\_\_

SEND PRINTS, SPEC, & SUBMITTALS BACK TO CONTRACTOR? YES  NO

SEND PRINTS, SPEC, & SUBMITTALS BACK TO TECHNICIAN? YES  NO

### GENERAL NOTES

- 1. CORRECTIONS FOR TEMPERATURE AND ALTITUDE HAVE BEEN MADE ON ALL TEST RESULTS SHOWN IN THIS REPORT.
- 2. CEILING DIFFUSERS WERE MEASURED WITH A DIRECT CFM READ-OUT METER. (SEE DATA SHEET AND INSTRUMENT CORRECTION CURVE.)
- 3. BALANCE FACTORS FOR EXHAUST SIDEWALL AND SUPPLY GRILLES WERE CALCULATED FROM THE CORE AREA AND MEASURED WITH A CALIBRATED METER, MODEL, M.F.G. (SEE INSTRUMENT CORRECTION CURVE.)
- 4. STATIC PRESSURES TESTED FOR ROOF MOUNTED EXHAUST FANS, SHOW ONLY SUCTION SIDE AND IS NOT TOTAL STATIC PRESSURE AS LISTED IN CATALOGS.
- 5. STATIC PRESSURE READING NOT TAKEN ON CEILING MOUNTED DIRECT DRIVE EXHAUST FANS. SUCTION SIDE IS OPEN AND DISCHARGE IS AFTER BACKDRAFT DAMPER AND USUALLY NOT ACCESSIBLE.
- 6. OUTLETS FOR THE FANS WERE NUMBERED WITH CLOSEST TO THE FAN AS #1.
- 7. THE V.A.V. BOXES WERE TESTED ON MAXIMUM CFM DEMAND. WHEN TOTAL CFM OF THE BOXES EXCEEDED THE FAN TOTAL, A PORTION OF THE BOXES WERE TURNED DOWN TO EQUAL THE DESIGN CFM OF THE FAN. DATA SHOWN IN MOTOR AND FAN TESTED COLUMN OF FAN TEST SHEET WAS TAKEN AT TURN DOWN CONDITION. (SEE FAN SHEET FOR EXACT AMOUNT OF DIVERISTY.)

8. V.A.V. BOXES WITH HEATING COILS WERE SET @ \_\_\_\_\_ % OF FULL COOL CFM. V.A.V. BOXES WITHOUT HEATING COILS WERE SET @ \_\_\_\_\_ % OF FULL COOL CFM.
9. SCP: STATIC CONTROL PRESSURE IS THE MINIMUM AMOUNT OF STATIC REQUIRED TO OPERATE THE FARTHEST BOX WHEN SYSTEM IS SET UP FOR DESIGN CFM AT THE FAN.
10. ALL CORRECTIONS FOR INSTRUMENTS USED FOR TESTING AND BALANCING ARE TRACEABLE BACK TO THE NATION BUREAU OF STANDARDS AND ARE TESTED IN OUR OWN LAB.
11. FOLLOWING THIS SHEET ARE:
- (A) SYMBOL SHEET
  - (B) INSTRUMENT CORRECTION CURVES:
- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> FLOW HOOD                    | <input type="checkbox"/> MAGNEHELIC 0-.5" PITOT      | <input type="checkbox"/> ALNOR COMPUFLOW                                 |
| <input type="checkbox"/> FLOW RITE 0-1000                        | <input checked="" type="checkbox"/> MAGNEHELIC 0-.5" | <input type="checkbox"/> PYROMETER                                       |
| <input type="checkbox"/> FLOW RITE 0-3000                        | <input type="checkbox"/> MAGNEHELIC 0-6"             | <input type="checkbox"/> POUND GAUGE                                     |
| <input checked="" type="checkbox"/> MULTIMETER / ADM <i>STDC</i> | <input type="checkbox"/> MAGNEHELIC 0-2"             | <input type="checkbox"/> ELECTRONIC POUND GAUGE<br>(DIGITAL POUND GAUGE) |
| <input type="checkbox"/> AMPROBE                                 | <input type="checkbox"/> WATER METER                 | <input type="checkbox"/> THERMOMETERS                                    |
| <input type="checkbox"/> VELOMETER                               | <input checked="" type="checkbox"/> TACHOMETER       | <input type="checkbox"/> AMPMETER  |

12.

BUILDING WAS TAB WITH ALL INTERIOR  
DOOR NOT INSTALLED.

#### SAMPLE NOTES USED ON INDIVIDUAL TEST SHEETS

- A. # \_\_\_\_\_ LEFT \_\_\_\_\_ % LOW BECAUSE OF NOISE CONSIDERATION.
- B. # \_\_\_\_\_ LEFT \_\_\_\_\_ % LOW, FURTHER BALANCING RESULTED IN TOTAL REDUCTION WITH NO APPRECIABLE CHANGE TO TERMINAL, NO HORSEPOWER LEFT.
- C. NO VOLUME DAMPERS SHOWN ON DRAWINGS, AND NONE INSTALLED.
- D. UNIT BALANCED LOW AS INSTRUCTED BY OWNER, MECHANICAL ENGINEER, ARCHITECT OR MECHANICAL CONTRACTOR, ON \_\_\_\_\_ DATE
- E. DISCHARGE STATIC PRESSURE SHOWN IS AFTER DX COIL. HOLE WAS NOT DRILLED BETWEEN FURNACE DISCHARGE AND DX COIL, IN FEAR OF HITTING VITAL TUBING.



**FAN TEST SHEET**

AREA SERVED PERIMETER OFFICES

**INSTALLED EQUIPMENT**

**MOTOR NAMEPLATE DATA**

|                           |        |       |         |
|---------------------------|--------|-------|---------|
| MFG                       | GE     |       |         |
| HP                        | 1      | V     | 208-230 |
| PH                        | 1      | SF    | D.N.L.  |
| FLA                       | 4.9    | RPM   | 1620    |
| MOTOR FRAME #             | D.N.L. |       |         |
| <b>SHEAVE DATA: MOTOR</b> |        |       |         |
| DIA                       | 1 7/8  | SHAFT | 1/2     |
| ADJ.P.D.                  | 206    | FIXED |         |
| BELT CENTER LINE          | 13 3/4 |       |         |

**FAN NAMEPLATE DATA**

|                         |                          |       |     |
|-------------------------|--------------------------|-------|-----|
| MFG                     | CARRIER                  |       |     |
| MODEL                   | 48HTD005                 |       |     |
| TYPE                    |                          |       |     |
| SIZE                    |                          |       |     |
| SERIAL #                | 3305430368               |       |     |
| <b>SHEAVE DATA: FAN</b> |                          |       |     |
| DIA                     | AK44                     | SHAFT | 5/8 |
| BELTS                   | A36                      |       |     |
| DIRECT DRIVE            | <input type="checkbox"/> |       |     |

**SCHEDULED/SUBMITTED DATA**

|           |     |
|-----------|-----|
| FAN CFM   |     |
| TSP / ESP |     |
| RPM       |     |
| BHP       |     |
| RA        |     |
| O.A. CFM  | 240 |

**DESIGN OUTLET/INLET**

|           |      |
|-----------|------|
| TOTAL CFM | 1600 |
|-----------|------|

**TESTED OUTLET/INLET**

|           |      |
|-----------|------|
| TOTAL CFM | 1720 |
|-----------|------|

**TRAVERSE TOTAL**

|           |   |
|-----------|---|
| TOTAL CFM | - |
|-----------|---|

**MOTOR TEST DATA**

|            |      |
|------------|------|
| VOLTS      | 210  |
| AMPS       | 3.6  |
| RPM        | 1590 |
| BHP        | .74  |
| SPEED SET. |      |

**FAN TEST DATA**

|             |      |
|-------------|------|
| RPM         | 950  |
| SP-         | .19  |
| SP+         | .45  |
| FSP / EFSP  | .64  |
| FILTER AP   | .17  |
| CFM TOTAL   | 1720 |
| CFM RA      | 1480 |
| CFM OA MIN. | 240  |

| ROOM NO. | OUTLET NO. | CODE | SIZE         | EFFECTIVE AREA | REQUIRED |      | TESTED  |      |      |   |
|----------|------------|------|--------------|----------------|----------|------|---------|------|------|---|
|          |            |      |              |                | FPM VEL  | CFM  | FPM VEL | CFM  |      |   |
| 111      | 1          | CP   |              |                |          | 320  | 330     | 330  | 361  | ✓ |
| 110      | 2          |      |              |                |          | 160  | 180     | 180  | 228  | ✓ |
| 109      | 3          |      |              |                |          | 160  | 185     | 185  | 173  | ✓ |
| 1        | 4          |      |              |                |          | 220  | 230     | 230  | 304  | ✓ |
| 1        | 5          |      |              |                |          | 160  | 190     | 190  | 159  | ✓ |
| 108      | 6          |      |              |                |          | 145  | 155     | 155  | 123  | ✓ |
| 107      | 7          |      |              |                |          | 145  | 150     | 150  | 146  | ✓ |
| 104      | 8          |      |              |                |          | 145  | 150     | 150  | 150  | ✓ |
| 103      | 9          |      |              |                |          | 145  | 150     | 150  | 155  | ✓ |
|          |            |      | TOTAL Supply |                |          | 1600 | 1720    | 1720 | 1599 |   |

Remarks:

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DIFFUSER AND GRILLE TEST SHEET

| ROOM NO. | OUTLET NO. | CODE         | SIZE | EFFECTIVE AREA | REQUIRED |     | TESTED |     |
|----------|------------|--------------|------|----------------|----------|-----|--------|-----|
|          |            |              |      |                | CFM      | CFM | CFM    | CFM |
| 111      | 10         | CR           |      |                |          | DNL | 290    |     |
| 109      | 11         |              |      |                |          |     | 500    |     |
| 110      | 12         |              |      |                |          |     | 190    |     |
| 107      | 13         |              |      |                |          |     | 115    |     |
| 104      | 14         |              |      |                |          |     | 135    |     |
| 112      | 15         |              |      |                |          |     | 110    |     |
| 103      | 16         |              |      |                |          |     | 110    |     |
|          |            |              |      |                |          |     | 1490   |     |
|          |            | Total Return |      |                |          |     |        |     |

Remarks:



FAN TEST SHEET

AREA SERVED LOBBY

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

|               |        |     |         |
|---------------|--------|-----|---------|
| MFG           | LGE    |     |         |
| HP            | 1      | V   | 208-230 |
| PH            | 1      | SF  | D.N.L.  |
| FLA           | 4.9    | RPM | 1620    |
| MOTOR FRAME # | D.N.L. |     |         |

SHEAVE DATA: MOTOR

|                  |        |       |     |
|------------------|--------|-------|-----|
| DIA              | 1 3/4  | SHAFT | 1/2 |
| ADJ P.D.         | 20%    | FIXED |     |
| BELT CENTER LINE | 13 5/8 |       |     |

FAN NAMEPLATE DATA

|          |            |  |  |
|----------|------------|--|--|
| MFG      | CARRIER    |  |  |
| MODEL    | 48HID005   |  |  |
| TYPE     |            |  |  |
| SIZE     |            |  |  |
| SERIAL # | 3405620277 |  |  |

SHEAVE DATA: FAN

|              |                          |       |     |
|--------------|--------------------------|-------|-----|
| DIA          | 1 1/4                    | SHAFT | 5/8 |
| BELTS        | A36                      |       |     |
| DIRECT DRIVE | <input type="checkbox"/> |       |     |

SCHEDULED/SUBMITTED DATA

|          |     |
|----------|-----|
| FAN CFM  |     |
| TSP/ESP  |     |
| RPM      |     |
| BHP      |     |
| R.A.     |     |
| O.A. CFM | 240 |

DESIGN OUTLET/INLET

|           |      |
|-----------|------|
| TOTAL CFM | 1625 |
|-----------|------|

TESTED OUTLET/INLET

|           |      |
|-----------|------|
| TOTAL CFM | 1705 |
|-----------|------|

TRAVERSE TOTAL

|           |   |
|-----------|---|
| TOTAL CFM | — |
|-----------|---|

MOTOR TEST DATA

|            |      |
|------------|------|
| VOLTS      | 210  |
| AMPS       | 3.5  |
| RPM        | 1634 |
| BHP        | .71  |
| SPEED SET. |      |

FAN TEST DATA

|             |      |
|-------------|------|
| RPM         | 1627 |
| SP-         | .24  |
| SP+         | .33  |
| TSP / EFSP  | .57  |
| FILTER ΔP   | .15  |
| CFM TOTAL   | 1705 |
| CFM RA      | 1420 |
| CFM OA MIN. | 285  |

| ROOM NO. | OUTLET NO. | CODE  | SIZE   | EFFECTIVE AREA | REQUIRED |      | TESTED  |      |     |
|----------|------------|-------|--------|----------------|----------|------|---------|------|-----|
|          |            |       |        |                | FPM VEL  | CFM  | FPM VEL | CFM  |     |
| 108      | 1          | CD    | 12X12  |                |          | 240  | 240     | 274  |     |
|          | 2          |       | 12X12  |                |          | 240  | 280     | 362  |     |
|          | 3          |       | 12X12  |                |          | 240  | 260     | 272  |     |
|          | 4          |       | 12X12  |                |          | 240  | 245     | 251  |     |
| 101      | 5          |       | 10X10  |                |          | 145  | 150     | 118  | 179 |
| 100      | 6          |       | 12X12  |                |          | 220  | 230     | 211  |     |
| 102      | 7          |       | 12X12  |                |          | 300  | 300     | 572  | 179 |
|          |            | total | Supply |                |          | 1625 | 1705    | 1084 |     |

Remarks:

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DIFFUSER AND GRILLE TEST SHEET

| ROOM NO. | OUTLET NO. | CODE  | SIZE   | EFFECTIVE AREA | REQUIRED |     | TESTED  |     |      |   |
|----------|------------|-------|--------|----------------|----------|-----|---------|-----|------|---|
|          |            |       |        |                | FPM VEL  | CFM | FPM VEL | CFM |      |   |
| 108      | 8          | CR    | 14"    |                |          |     | 815     |     | 815  | / |
| 102      | 9          |       | 10"    |                |          |     | 295     |     | 295  |   |
| 101      | 10         |       | 8"     |                |          |     | 160     |     | 160  |   |
| 100      | 11         |       | 8"     |                |          |     | 130     |     | 130  |   |
|          |            | total | Return |                |          |     | 1420    |     | 1420 |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |
|          |            |       |        |                |          |     |         |     |      |   |

Remarks: \_\_\_\_\_  
\_\_\_\_\_



**FAN TEST SHEET**

AREA SERVED CENTER CDRE

**INSTALLED EQUIPMENT**

**MOTOR NAMEPLATE DATA**

|                    |        |       |         |
|--------------------|--------|-------|---------|
| MFG                | GE     |       |         |
| HP                 | 1      | V     | 208-230 |
| PH                 | 1      | SF    | D.N.L.  |
| FLA                | 4.9    | RPM   | 1620    |
| MOTOR FRAME #      | D.N.L. |       |         |
| SHEAVE DATA: MOTOR |        |       |         |
| DIA                | VP34   | SHAFT | 1/2     |
| ADJ.P.D.           | 20%    | FIXED |         |
| BELT CENTER LINE   | 13 1/4 |       |         |

**SCHEDULED/SUBMITTED DATA**

|          |     |
|----------|-----|
| FAN CFM  |     |
| TSP/ESP  |     |
| RPM      |     |
| BHP      |     |
| R.A.     |     |
| O.A. CFM | 180 |

**MOTOR TEST DATA**

|            |      |
|------------|------|
| VOLTS      | 210  |
| AMPS       | 3.0  |
| RPM        | 1676 |
| BHP        | .61  |
| SPEED SET. | -    |

**FAN NAMEPLATE DATA**

|                  |                          |       |     |
|------------------|--------------------------|-------|-----|
| MFG              | CARRIER                  |       |     |
| MODEL            | 48HJE004                 |       |     |
| TYPE             |                          |       |     |
| SIZE             |                          |       |     |
| SERIAL #         | 3605420305               |       |     |
| SHEAVE DATA: FAN |                          |       |     |
| DIA              | AK49                     | SHAFT | 5/8 |
| BELTS            | A36                      |       |     |
| DIRECT DRIVE     | <input type="checkbox"/> |       |     |

**DESIGN OUTLET/INLET**

|           |      |
|-----------|------|
| TOTAL CFM | 1200 |
|-----------|------|

**TESTED OUTLET/INLET**

|           |      |
|-----------|------|
| TOTAL CFM | 1250 |
|-----------|------|

**TRAVERSE TOTAL**

|           |   |
|-----------|---|
| TOTAL CFM | - |
|-----------|---|

**FAN TEST DATA**

|             |      |
|-------------|------|
| RPM         | 891  |
| SP-         | .11  |
| SP+         | .37  |
| FSP/EFSP    | .48  |
| FILTER AP   | .12  |
| CFM TOTAL   | 1250 |
| CFM RA      | 1080 |
| CFM OA MIN. | 170  |

| ROOM NO. | OUTLET NO. | CODE         | SIZE | EFFECTIVE AREA | REQUIRED |      | TESTED   |      |   |
|----------|------------|--------------|------|----------------|----------|------|----------|------|---|
|          |            |              |      |                | FPM VEL. | CFM  | FPM VEL. | CFM  |   |
| 106      | 1          | CD           |      |                |          | 120  | 130      | 269  |   |
| 105      | 2          |              |      |                |          | 120  | 130      | 221  |   |
| 108      | 3          |              |      |                |          | 240  | 240      | 243  |   |
|          | 4          |              |      |                |          | 240  | 245      | 247  | K |
|          | 5          |              |      |                |          | 240  | 245      | 428  |   |
|          | 6          |              |      |                |          | 240  | 260      | 303  |   |
|          |            | total Supply |      |                |          | 1200 | 1250     | 1766 |   |
| 105      | 7          | CR           |      |                |          | DUL  | 145      | 156  |   |
| 106      | 8          |              |      |                |          | 1    | 110      | 120  |   |
| 108      | 9          |              |      |                |          |      | 425      | 466  |   |
| 108      | 10         |              |      |                |          |      | 400      | 434  |   |
|          |            |              |      |                |          |      |          | 1175 |   |

Remarks: total Return 1080



**FAN TEST SHEET**

AREA SERVED Restroom

**INSTALLED EQUIPMENT**

**MOTOR NAMEPLATE DATA**

|                    |        |       |        |
|--------------------|--------|-------|--------|
| MFG                | BROAN  |       |        |
| HP                 | D.N.L. | V     | 120    |
| PH                 | 1      | SF    | D.N.L. |
| FLA                | .35    | RPM   | 1      |
| MOTOR FRAME #      |        |       |        |
| SHEAVE DATA: MOTOR |        |       |        |
| DIA                |        | SHAFT |        |
| ADJ P.D.           |        | FIXED |        |
| BELT CENTER LINE   |        |       |        |

**SCHEDULED/SUBMITTED DATA**

|           |     |
|-----------|-----|
| FAN CFM   | 50  |
| FSP / EFP | .25 |
| RPM       |     |
| BHP       |     |
| R.A.      |     |
| O.A. CFM  |     |

**MOTOR TEST DATA**

|            |      |
|------------|------|
| VOLTS      | 120  |
| AMPS       | 1.30 |
| RPM        | N.A. |
| BHP        | —    |
| SPEED SET. | —    |

**FAN NAMEPLATE DATA**

|                  |                                     |       |  |
|------------------|-------------------------------------|-------|--|
| MFG              | NUTONE                              |       |  |
| MODEL            | HD50NT-A                            |       |  |
| TYPE             |                                     |       |  |
| SIZE             |                                     |       |  |
| SERIAL #         | CXFK                                |       |  |
| SHEAVE DATA: FAN |                                     |       |  |
| DIA              |                                     | SHAFT |  |
| BELTS            |                                     |       |  |
| DIRECT DRIVE     | <input checked="" type="checkbox"/> |       |  |

**DESIGN OUTLET/INLET**

|           |    |
|-----------|----|
| TOTAL CFM | 50 |
|-----------|----|

**TESTED OUTLET/INLET**

|           |    |
|-----------|----|
| TOTAL CFM | 50 |
|-----------|----|

**TRAVERSE TOTAL**

|           |   |
|-----------|---|
| TOTAL CFM | — |
|-----------|---|

**FAN TEST DATA**

|             |      |
|-------------|------|
| RPM         | D.D. |
| SP-         | OPEN |
| SP+         | —    |
| FSP / EFP   | —    |
| FILTER AP   | —    |
| CFM TOTAL   | 50   |
| CFM RA      | —    |
| CFM OA MIN. | —    |

| ROOM NO. | OUTLET NO. | CODE  | SIZE | EFFECTIVE AREA | REQUIRED |     | TESTED  |     |
|----------|------------|-------|------|----------------|----------|-----|---------|-----|
|          |            |       |      |                | FPM VEL  | CFM | FPM VEL | CFM |
|          | 1          | CE    |      |                |          | 50  |         | 50  |
|          |            | TOTAL |      |                |          | 50  |         | 50  |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |

Remarks:  
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FAN TEST SHEET

AREA SERVED Rest room

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

|                    |        |       |        |
|--------------------|--------|-------|--------|
| MFG                | BRDAV  |       |        |
| HP                 | D.N.L. | V     | 120    |
| PH                 | 1      | SF    | D.N.L. |
| FLA                | 35     | RPM   | 1      |
| MOTOR FRAME #      |        |       |        |
| SHEAVE DATA: MOTOR |        |       |        |
| DIA                |        | SHAFT |        |
| ADJ P.D.           |        | FIXED |        |
| BELT CENTER LINE   |        |       |        |

SCHEDULED/SUBMITTED DATA

|          |     |
|----------|-----|
| FAN CFM  | 50  |
| TSP/ESP  | .25 |
| RPM      |     |
| BHP      |     |
| R.A.     |     |
| O.A. CFM |     |

MOTOR TEST DATA

|           |      |
|-----------|------|
| VOLTS     | 120  |
| AMPS      | 3    |
| RPM       | N.A. |
| BHP       | -    |
| SPEED/SET | -    |

FAN NAMEPLATE DATA

|                  |                                     |
|------------------|-------------------------------------|
| MFG              | NUITONE                             |
| MODEL            | HD50NT-A                            |
| TYPE             |                                     |
| SIZE             |                                     |
| SERIAL #         | OXFK                                |
| SHEAVE DATA: FAN |                                     |
| DIA              | SHAFT                               |
| BELTS            |                                     |
| DIRECT DRIVE     | <input checked="" type="checkbox"/> |

DESIGN OUTLET/INLET

|           |    |
|-----------|----|
| TOTAL CFM | 50 |
|-----------|----|

TESTED OUTLET/INLET

|           |    |
|-----------|----|
| TOTAL CFM | 55 |
|-----------|----|

TRAVERSE TOTAL

|           |   |
|-----------|---|
| TOTAL CFM | - |
|-----------|---|

FAN TEST DATA

|             |      |
|-------------|------|
| RPM         | D.P. |
| SP          | OPEN |
| SP+         | -    |
| TSP/EFSP    | -    |
| FILTER ΔP   | -    |
| CFM TOTAL   | 55   |
| CFM RA      | -    |
| CFM OA MIN. | -    |

| ROOM NO. | OUTLET NO. | CODE  | SIZE | EFFECTIVE AREA | REQUIRED |     | TESTED  |     |
|----------|------------|-------|------|----------------|----------|-----|---------|-----|
|          |            |       |      |                | FPM VEL  | CFM | FPM VEL | CFM |
|          | 1          | CE    |      |                |          | 50  |         | 55  |
|          |            | TOTAL |      |                |          | 50  |         | 55  |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |
|          |            |       |      |                |          |     |         |     |

Remarks:

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\_\_\_\_\_



FAN TEST SHEET

AREA SERVED R 112

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

|                    |       |       |        |
|--------------------|-------|-------|--------|
| MFG                | BROAN |       |        |
| HP                 |       | V     | 120    |
| PH                 | 1     | SF    | D.N.L. |
| FLA                | 1.2   | RPM   |        |
| MOTOR FRAME #      | 1     |       |        |
| SHEAVE DATA: MOTOR |       |       |        |
| DIA                |       | SHAFT |        |
| ADJ.P.D.           |       | FIXED |        |
| BELT CENTER LINE   |       |       |        |

SCHEDULED/SUBMITTED DATA

|           |     |
|-----------|-----|
| FAN CFM   | 150 |
| ESP / ESP | .5  |
| RPM       |     |
| BHP       |     |
| R.A.      |     |
| O.A. CFM  |     |

MOTOR TEST DATA

|            |      |
|------------|------|
| VOLTS      | 120  |
| AMPS       | 1.1  |
| RPM        | N.A. |
| BHP        | -    |
| SPEED SET. | -    |

FAN NAMEPLATE DATA

|                  |                                     |       |  |
|------------------|-------------------------------------|-------|--|
| MFG              | BROAN                               |       |  |
| MODEL            | L150                                |       |  |
| TYPE             |                                     |       |  |
| SIZE             |                                     |       |  |
| SERIAL #         | D.N.L.                              |       |  |
| SHEAVE DATA: FAN |                                     |       |  |
| DIA              |                                     | SHAFT |  |
| BELTS            |                                     |       |  |
| DIRECT DRIVE     | <input checked="" type="checkbox"/> |       |  |

DESIGN OUTLET/INLET

|           |     |
|-----------|-----|
| TOTAL CFM | 150 |
|-----------|-----|

TESTED OUTLET/INLET

|           |     |
|-----------|-----|
| TOTAL CFM | 150 |
|-----------|-----|

TRAVERSE TOTAL

|           |   |
|-----------|---|
| TOTAL CFM | - |
|-----------|---|

FAN TEST DATA

|             |      |
|-------------|------|
| RPM         | D.D. |
| SP-         | ODEN |
| SP+         | -    |
| ESP / EFSP  | -    |
| FILTER AP   | -    |
| CFM TOTAL   | 150  |
| CFM RA      | -    |
| CFM OA MIN. | -    |

| ROOM NO. | OUTLET NO. | CODE | SIZE | EFFECTIVE AREA | REQUIRED |     | TESTED   |     |
|----------|------------|------|------|----------------|----------|-----|----------|-----|
|          |            |      |      |                | FPM VEL. | CFM | FPM VEL. | CFM |
| 112      | 1          | CE   |      |                |          | 150 | 150      |     |
|          |            | TOTR |      |                |          | 150 | 150      |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |
|          |            |      |      |                |          |     |          |     |

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_