



LIQUID SENSOR WIRING DETAIL

NOT TO SCALE
311

REVISION 1 SUMMARY
A. CLARIFICATION OF OPERATING CONDITIONS OF LANDLORD CONDENSER WATER SYSTEM.

| LANDLORD PROVIDED UTILITIES | | | | | | | |
|--|----------------|------------------------|----------------|------------------------|--------------|--------------------|---------|
| SERVICE | COOLING SEASON | | HEATING SEASON | | UTILITY FLOW | AVAILABLE PRESSURE | REMARKS |
| | TEMP | HRS | TEMP | HRS | | | |
| CONDENSER WATER | 87 DEG F | ###:## AM TO ###:## PM | 70 DEG F | ###:## AM TO ###:## PM | ### GPM | ### FT | 1 |
| COOLING SEASON IS DEFINED AS: HEATING SEASON IS DEFINED AS: REMARKS: 1 GC TO VERIFY OPERATING CONDITIONS OF CONDENSER WATER SYSTEM WITH LANDLORD. | | | | | | | |

| FAN SCHEDULE | | | | | | | | |
|--|------------|--------|-----|----------------|------------|------------|---------------|---------|
| MARK | MFR | MODEL | CFM | S.P. (IN W.G.) | ELECTRICAL | | OPER WT (LBS) | REMARKS |
| | | | | | H.P. | VOLT/PH/Hz | | |
| EF-1 | LOREN COOK | GC-144 | 100 | 0.500 | 98 WATTS | 120/1/60 | 15 | 1 |
| REMARKS: 1 PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH AND BACKDRAFT DAMPER. | | | | | | | | |

| Ventilation Calculation (IMC 2009) - WSHP-1 | | | | | | | |
|---|---------------|--------------------|-----|------|------|-------------------|----------------------|
| Room Tag | Space Usage | Floor Area Sq. Ft. | Rp | Ra | Pz | Total OA Required | OA Provided Via HVAC |
| Sales | RETAIL - MAIN | 2,029 | 7.5 | 0.12 | 30.4 | 471 | |
| | | | | | | - | |
| | | | | | | - | |
| | | | | | | - | |
| | | | | | | - | |
| | | | | | | 471 | 471 |

Notes:
(1) Actual occupancy per design.

| Ventilation Calculation (IMC 2009) - WSHP-2 | | | | | | | |
|---|------------------------|--------------------|-----|------|-----|-------------------|----------------------|
| Room Tag | Room | Floor Area Sq. Ft. | Rp | Ra | Pz | Total OA Required | OA Provided Via HVAC |
| Corridor | CORRIDOR | 140 | - | 0.06 | - | 8 | |
| Employee Area | RETAIL - STORAGE | 116 | - | 0.12 | - | 13 | |
| Fitting Rooms | RETAIL - FITTING ROOMS | 357 | 7.5 | 0.12 | 5.4 | 83 | |
| Intimate's Area | RETAIL - MAIN | 362 | 7.5 | 0.12 | 5.4 | 84 | |
| Manager's Office | RETAIL - STORAGE | 123 | 5.0 | 0.06 | 0.6 | 10 | |
| Stockroom | RETAIL - WAREHOUSE | 115 | - | 0.12 | - | 13 | |
| Telecom Closet | RETAIL - STORAGE | 59 | - | 0.12 | - | 7 | |
| Toilet Room | RESTROOM | 20 | - | - | - | - | |
| | | | | | | 218 | 218 |

Notes:
(1) Actual occupancy per design.

| AIR DISTRIBUTION DEVICE SCHEDULE | | | | | | | | | | |
|----------------------------------|--------------|-------|----------------------|----------------------------------|---------------------|------------|--------|----------|-------------|-------------------------------|
| MARK | MANUFACTURER | MODEL | TYPE | NECK SIZE (L" X W" OR DIAMETER") | FACE SIZE (L" X W") | FRAME TYPE | FINISH | MATERIAL | ACCESSORIES | REMARKS |
| SD-1 | (2) | (2) | PLAQUE FACE | 8" | 24 X 24 | (2) | (2) | STEEL | PFS, DMPR | FOUR WAY BLOW PATTERN |
| SD-2 | (2) | (2) | PLAQUE FACE | 10" | 24 X 24 | (2) | (2) | STEEL | PFS, DMPR | FOUR WAY BLOW PATTERN |
| SD-3 | (2) | (2) | PLAQUE FACE | 6" | 24 X 24 | (2) | (2) | STEEL | PFS, DMPR | FOUR WAY BLOW PATTERN |
| RD-1 | (3) | (3) | PLAQUE FACE | 14 X 14 | 24 X 24 | (3) | (3) | STEEL | - | NON DUCTED RETURN |
| RD-2 | (8) | (8) | EGGCRATE GRILLE | 26 X 16 | 27.75 X 17.75 | (8) | (8) | ALUM | - | 1/2 X 1/2 X 1/2 CORE EGGCRATE |
| RG-1 | (4) | (4) | WALL TRANSFER GRILLE | 48 X 18 | - | (4) | (4) | STEEL | - | - |
| TG-2 | (4) | (4) | PLAQUE FACE | 12 X 12 | - | (4) | (4) | STEEL | - | - |
| SR-1 | (6) | (6) | DUCT SUPPLY GRILLE | 13 X 6 | - | (6) | (6) | STEEL | DMPR | - |
| SR-2 | (7) | (7) | DUCT SUPPLY GRILLE | 18 X 8 | - | (7) | (7) | STEEL | DMPR | - |

ACCESSORIES:
PFS-PLASTER FRAME
DMPR- DAMPER
DL-DRUM LOUVER
EXT-LINDAB AIR EXTRACTOR
OBD-OPPOSED BLADE DAMPER

REMARKS:
1 NO EXCEPTIONS ALLOWED.
2 SPEC THE FOLLOWING DIFFUSER TYPE FOR RECTANGULAR DUCTWORK.
3 NECK SIZE REFERS TO THE SIZE OF THE DUCTWORK CONNECTION TO THE DROP BOX. FACE SIZE IS THE SIZE OF THE DRUM LOUVER IN THE DROP BOX.
4 FOR AES PRODUCT QUESTIONS CONTACT GEORGE LASHER BY PHONE AT (800) 786-0402 X216 OR BY EMAIL AT GLASHER@AESCURB.COM.
5 PROVIDE BASE LOUVER WITH OPPOSED BLADE DAMPER AND WHITE FACTORY PAINT.

| KEY NOTE | MARK | MANUF | MODEL | FRAME TYPE | ACCESSORIES | | FINISH (WHITE) | REMARKS |
|----------|------|---------|-------|------------|-------------|---------------|----------------|--|
| | | | | | DAMPER | PLASTER FRAME | | |
| (2) | SD-1 | KRUEGER | PLQ | 23 | - | 5HCF23 | BRITISH WHITE | USE APPROPRIATE BLOW NUMBER PER BLOW PATTERN LISTED ABOVE |
| | SD-2 | PRICE | SPD | 31 | - | AMF | B12 | |
| | SD-3 | TITUS | OMNI | 3 | - | TRM | 26 | |
| (3) | RD-1 | TITUS | PLQ | 23 | - | 5HCF23 | BRITISH WHITE | |
| | RD-1 | PRICE | SPD | 31 | - | AMF | B12 | |
| | TG-2 | KRUEGER | OMNI | 3 | - | TRM | 26 | |
| (4) | RG-1 | KRUEGER | S85 | SURFACE | - | - | BRITISH WHITE | |
| | RG-1 | PRICE | 535 | SURFACE | - | - | B12 | |
| | RG-1 | TITUS | 25RL | SURFACE | - | - | 26 | |
| (6) | SR-1 | LINDAB | RGS-3 | DUCT | EXT | - | GALVANIZED | 'EXT' IS THE AIR EXTRACTOR |
| | SR-1 | PRICE | SDGE | DUCT | AS | - | GALVANIZED | 'AS' IS THE AIR SCOOP |
| (7) | SR-2 | TITUS | 300RS | SURFACE | ODB | - | GALVANIZED | ODB' IS THE OPPOSED BLADE DAMPER |
| | SR-2 | PRICE | - | - | - | - | - | |
| | SR-2 | TITUS | - | - | - | - | - | |
| (8) | RD-2 | KRUEGER | - | SURFACE | - | - | SEE REMARK | COORDINATE PAINT FINISH COLOR WITH ARCHITECT TO MATCH STOREFRONT COLOR |
| | RD-2 | PRICE | 635 | SURFACE | - | - | SEE REMARK | |
| | RD-2 | TITUS | 4RL | SURFACE | - | - | SEE REMARK | |

WSHP SELECTION SCHEDULE (MANUFACTURER: TRANE)

| Unit Tag | WSHP-1 | WSHP-2 |
|----------------------------------|----------------------------|----------------------------|
| TRANE Model Number | GEHE0724 | GEHE0424 |
| Acoustic arrangement | Enhanced sound attenuation | Enhanced sound attenuation |
| Ducted filter rack | None | None |
| Rated gross clg capacity (AHRI) | 6.48 tons | 3.62 |
| Elevation | ft 13.00 | 13.00 |
| Filter type | MERV 8 | 1" filter |
| Blower configuration | Drive package B | High static |
| Nominal capacity | 6 ton | 3 1/2 ton |
| Refrig charge (HFC-410A) - ckt 2 | lb 4.2 | 3.4 |
| Refrig charge (HFC-410A) - ckt 1 | lb 4.2 | |
| Compressor power | kW 5.25 | 2.44 |
| ASHRAE 90.1 | Yes | Yes |
| Factory supply air arrgmt | Right | |
| Heat of rejection | MBh 91.89 | 50.48 |
| Cooling power | kW 6.18 | 3.08 |
| Cooling lvg fluid temp | F 94.93 | 94.62 |
| Cooling LDB | F 54.81 | 55.36 |
| Cooling LWB | F 52.63 | 53.34 |
| Fluid flow rate | gpm 18 | 9.6 |
| Cooling ent fluid temp | F 85.00 | 85.00 |
| Cooling EWB | F 63.28 | 63.01 |
| Cooling EDB | F 74.03 | 73.00 |
| Net sensible capacity | MBh 48.40 | 27.50 |
| Net cooling capacity | MBh 70.81 | 39.97 |
| Design airflow | cfm 2300 | 1424 |
| ESP in H2O | 0.500 | 0.500 |
| Electric heat | kW 0.00 | 0.00 |
| Electric heat FLA | A 0.00 | 0.00 |
| Blower quantity | Each 1.00 | 1.00 |
| Blower power | hp 1.000 | 0.500 |
| Fluid freeze point | F 32.00 | 32.00 |
| Fluid type | Water | Water |
| Heat of absorption | MBh 69.88 | 42.32 |
| Heating power | kW 5.15 | 3.15 |
| Heating lvg fluid temp | F 60.45 | 59.94 |
| Heating LDB | F 97.42 | 98.09 |
| Heating ent fluid temp | F 68.00 | 68.00 |
| Heating EDB | F 62.68 | 64.04 |
| Net heating capacity | MBh 87.47 | 53.07 |
| Hose kit configuration | None | None |
| COP @ AHRI | COP 4.70 | 4.60 |

FOR INFORMATION REGARDING PRICING, ORDERING AND DELIVERY INFORMATION ON THE TRANE EQUIPMENT PACKAGE CONTACT SUSAN YOUNGBLOOD AT:

(408) 481-3600 OFFICE
E-MAIL: SYOUNGBLOOD@TRANE.COM

FOR GENERAL ISSUES CONTACT GARY L. RICH NATIONAL ACCOUNT EXECUTIVE.

(408) 481-3620 OFFICE OR (415) 317-2822 MOBILE
E-MAIL: GLRICH@TRANE.COM

- FACTORY INSTALLED OPTIONS:
- MIXING BOX WITH SCREENED RETURN AIR INLET.
 - CONDENSER WATER REGULATOR VALVE.
 - CONDENSER WATER SUPPLY AND RETURN VALVE AND CAP-OFF.
 - OUTSIDE AIR CAP OFF.
 - NOT USED.
 - HEAT PUMP BAGNET INTERFACE.
 - HEAT PUMP CONTROLLER SUPPLIED WITH HEAT PUMP.
 - MIXED AIR TEMPERATURE SENSOR.
 - OUTSIDE AIR TEMPERATURE SENSOR.
 - BAGNET INTERFACE JUNCTION BOX WITH TERMINAL STRIP AND JUMPER.
 - NOT USED.

NEW STORE



GAP INC.
CORPORATE ARCHITECTURE
1 HARRISON STREET
SAN FRANCISCO, CA 94105

STORE NO.: 7043

STORE NAME:
VILLAGE OF MERRICK PARK

STORE LOCATION:
350 SAN LORENZO AVE
CORAL GABLES, FL 33146

CONSTRUCTION TYPE: 2B

PROJ. I.D.: 0000048612

PROTOTYPE DATE: 06/25/12
PROTOTYPE VERSION 2.1
OPENING 2013

REVISION 1: 11/20/12

CONSULTANT INFO:

PROFESSIONAL STAMP:

ARCHITECT INFO:



NORTH TERRACES
400 PERIMETER CENTER TERRACE
SUITE 650
ATLANTA, GA 30346

ISSUE TYPE:
PERMIT AND BID SET 10/19/12

DRAWN BY: TAN
A&E JOB NO.: 1201330

SHEET TITLE:
MECHANICAL SCHEDULES

SHEET NUMBER:

M4-0