## AIR DISTRIBUTION DEVICE SCHEDULE

| MARK | TYPE | MANUFACTURER | MODEL | MIN CFM | MAX CFM | FACE SIZE | NECK SIZE | AIR PATTERN | MAX NC | MATERIAL | FINISH | MOUNTING | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | SUPPLY | TITUS | TMSA | 50 | 150 | 12X12 | 6ø | 4-WAY | 30 | STEEL | #26 WHITE | FLANGE | - |
| B | SUPPLY | TITUS | TMSA | 151 | 250 | 12X12 | 8ø | 4-WAY | 30 | STEEL | #26 WHITE | FLANGE | - |
| C | SUPPLY | TITUS | TMSA | 75 | 150 | 24X24 | 6ø | 4-WAY | 30 | STEEL | #26 WHITE | LAY-IN | - |
| D | SUPPLY | TITUS | TMSA | 151 | 250 | 24X24 | 8ø | 4-WAY | 30 | STEEL | #26 WHITE | LAY-IN | - |
| E | SUPPLY | TITUS | TMSA | 251 | 350 | 24X24 | 10ø | 4-WAY | 30 | STEEL | #26 WHITE | LAY-IN | - |
| F | SUPPLY | TITUS | TMSA | 351 | 500 | 24X24 | 12ø | 4-WAY | 30 | STEEL | #26 WHITE | LAY-IN | - |
| G | RETURN/EXH | TITUS | 4FL | NA | 1,000 | 24X24 | SEE PLAN | 45° DEF | 30 | ALUMINUM | #26 WHITE | LAY-IN | 1 |
| H | RETURN/EXH | TITUS | 4FL | NA | 400 | 12X12 | SEE PLAN | 45° DEF | 30 | ALUMINUM | #26 WHITE | FLANGE | 1 |
| J | RETURN | TITUS | 355FL | NA | 850 | 14X14 | SEE PLAN | 35° DEF | 30 | ALUMINUM | #26 WHITE | FLANGE | 1,2 |
| K | RETURN | TITUS | 355FL | NA | 2,300 | 30X18 | SEE PLAN | 35° DEF | 30 | ALUMINUM | #26 WHITE | FLANGE | 1,2 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

1. PAINT INSIDE SURFACE OF DUCT FLAT BLACK.
2. HIGH SIDEWALL MOUNT.

## HYDRONIC PUMPS SCHEDULE

| MARK | LOCATION | SERVICE | PUMP TYPE | FLOW RATE (GPM) | FLOW PRESS (FT-HD) | MIN NPSH (FT-HD) | MIN PUMP EFFICIENCY (%) | IMPELLER SIZE (IN) | CONNECTIONS | | MOTOR ELECTRICAL | | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SUCTION SIZE (IN) | DISCHARGE SIZE (IN) | MOTOR POWER (HP) | MOTOR SPEED (RPM) | MOTOR VOLTAGE (V) | MOTOR PHASE | VFD INCL (Y/N) | |
| HWP-3C.1 | MECH ROOM SECOND FLOOR | HHW DISTRIBUTION | INLINE CENTRIFUGAL | 20 | 45 | 2.0 | 30 | 5.5 | 1.5 | 1.5 | 1 | 1760 | 460 | 3 | N | BASIS OF DESIGN TACO KS 1507 |
| HWP-3C.2 | MECH ROOM SECOND FLOOR | HHW DISTRIBUTION | INLINE CENTRIFUGAL | 20 | 45 | 2.0 | 30 | 5.5 | 1.5 | 1.5 | 1 | 1760 | 460 | 3 | N | BASIS OF DESIGN TACO KS 1507 |

## HOT WATER CONVERTOR SCHEDULE

| MARK | LOCATION | WATER (TUBE) SIDE | | | | | STEAM (SHELL) SIDE | | | | DIMENSIONS | | HEATING CAPACITY (MBH) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | FLOW RATE (GPM) | EWT (DEG F) | LWT (DEG F) | PRESS DROP (FT-HD) | CONN SIZE (IN) | FLOW RATE (PPH) | STEAM PRESS (PSIG) | CONN SIZE (IN) | PRESS DROP (FT-HD) | CONVERTOR DIAMETER (IN) | CONVERTOR LENGTH (IN) | | |
| HX-3C.1 | MECH ROOM SECOND FLOOR | 20 | 170 | 180 | 0.5 | 1-1/2 | 100 | 15 | 1-1/4 | - | 4 | 36 | 100 | BASIS OF DESIGN TACO U-TUBE |
| HX-3C.2 | MECH ROOM SECOND FLOOR | 20 | 170 | 180 | 0.5 | 1-1/2 | 100 | 15 | 1-1/4 | - | 4 | 36 | 100 | BASIS OF DESIGN TACO U-TUBE |

## AIR SEPARATOR SCHEDULE

| MARK | LOCATION | SERVICE | CONNECTION SIZE (IN) | FLOW RATE (GPM) | STRAINER INCLUDED (Y/N) | NOTES |
|---|---|---|---|---|---|---|
| AS-3C.1 | MECH ROOM SECOND FLOOR | HHW SYSTEM | 2 | 20 | Y | BASIS OF DESIGN TACO |
| - | - | - | - | - | - | - |

FINAL DESIGN
APPROVED FOR CONSTRUCTION

| Revisions: | Date |
|---|---|
| | |

CONSULTANTS:

Mark G. Hertz
Digitally signed by Mark G. Hertz
Date: 2018.03.12 16:59:55 -04'00'

ENGINEER-OF-RECORD MARK G. HERTZ FL. P.E. NO. 53279

MARK G. HERTZ LICENSE No. 53279 STATE OF FLORIDA PROFESSIONAL ENGINEER


ARCHITECT/ENGINEERS:

AKEA INC.
3603 NW 98th Street, Suite B
Gainesville, FL 32606
Phone: (352) 474-6124
Fax: (352) 553-4437
COA: FL #26693
AKEA Project No. 094-14


Drawing Title: MECHANICAL SCHEDULES

Approved: Project Director

Project Title: RENOVATE WARD 3C FOR CARDIOLOGY EQUIPMENT INSTALLATION

Location: GAINESVILLE, FLORIDA

Date: MARCH 9, 2018 | Checked: MGH | Drawn: MGH

Project Number: 573-CSI-102

Building Number: 1

Drawing Number: MH601



Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231