



CITY OF HOUSTON

Sylvester Turner

Mayor



HOUSTON AIRPORT SYSTEM

Mario C. Diaz
Director of Aviation

George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

September 13, 2022

SUBJECT: Letter of Clarification No. 2

REFERENCE: Operations and Maintenance (O&M) Heating, Ventilating, and Air Conditioning (HVAC) for the Houston Airport System; RFP H73-HVAC-2023-001

To: All Prospective Respondents:

This Letter of Clarification (LOC) is issued for the following reasons

I. To Respond to Questions

1. **Question:** Are we required to be responsible for damage installation of piping and or mold remediation?

Response: Yes.

2. **Question:** What is the UV counts and sizes on the units?

Response: Refer to RFP Solicitation H73-HVAC-2023-001, Attachment "C".

3. **Question:** Are any fire dampers on units' part of the contract?

Response: Yes, Fire dampers are installed in the HVAC Duct System and are included in the contract

4. **Question:** Are we responsible for cleaning ceiling tiles?

Response: Refer to RFP Solicitation H73-HVAC-2023-001, Part II Scope of Work Section 3.6.9.

5. **Question:** What is the average amount of active calls per site?

Response: Requested reports/data will be available in electronic or paper form for review only on 09/15/2022 between 1:00 pm – 3:00 pm at HAS Infrastructure Division Office Bldg. 111 Standifer Humble, TX 77338.

6. **Question:** Is the Facility Condition Report available during the bid process?

Response: Please refer to the response provided in question #5.

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7. **Question:** Are the last 6 months of water treatment reports available?

Response: Please refer to the response provided in question #5. No, Water treatment reports are not available for the Terminals. Water treatment reports are available for the CUP Solicitation.

8. **Question:** Are there any special background checks or access requirements for the DEA or Homeland Security spaces?

Response: Airport policy and federal regulations (49 CFR 1542) require all airport workers, including employees, tenants, and contractors, to obtain and display an identification badge issued by the Houston Airport System while working on airport sites. Badge applicants requiring access to U.S. Customs and Immigration areas (e.g., FIS Area) must complete a CBP 3078. Badging requirements are listed at fly2houston.com/biz/resources/badging.

9. **Question:** Are you able to provide a preferred vendor list?

Response: No.

10. **Question:** Do you have a preferred equipment manufacturer list?

Response: HAS does not have a preferred equipment manufacturer's list.

11. **Question:** Is the Automated Logic EMS stand-alone or integrated into the Climatec EMS?

Response: HAS Building Automation System (BAS) is standardized on Alerton.

12. **Question:** Can you provide the filter counts for all charcoal and pleated filters for all applicable equipment per this RFP?

Response: Refer to RFP Solicitation H73-HVAC-2023-001, Attachment "C". The approximate charcoal and pleated filter count for the entire HAS Enterprise is 3,000 pleated filters and 3,000 charcoal filters.

13. **Question:** Is the current contractor responsible for changing all site filters before the new contract starts?

Response: No.

14. **Question:** How many temporary units are required for an electrical shutdown for service or testing, and who is responsible for the cost of those units?

Response: HAS directed shutdowns will be paid via OSR, all other needs for temporary AC will be paid by the contractor.

15. **Question:** Are there any regulations or standards for the type of golf cars used at either of the facilities? (IE. Gas vs. battery)

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Response: Only electric within the Terminals and Concourses.

16. **Question:** Per RFP H73 HVAC-2023-001, page 37, it calls for the contractor to supply lifts to be left on-site 24/7. Can you tell us what size and how many lifts are currently at each location? IAH qty 2 & Hobby qty 1?

Response: Selected contractor will coordinate with HAS to determine the acceptable specifications and amount of man lifts for IAH and HOU based on operational requirements.

17. **Question:** Is there any TECQ or Building codes specific to the HAS that we need to know about and follow for any services in this RFP?

Response: Refer to the RFP Solicitation H73-HVAC-2023-001, Section 2.0 - Basic Services

18. **Question:** Terminal E – Please verify the scope for Terminal E as well as the D/E parking garage

Response: PN# I-19-C-0828 Federal Inspection Services Renovation and Expansion Project is under construction and multiple HVAC assets are/will be relocated, removed, or reinstallation is pending a construction phase. The attached Equipment List for the FIS areas will change once this agreement is fully executed.

19. **Question:** Terminal E – Pending the above question, please provide the page number in the RFP where the equipment list can be found.

Response: PN# I-19-C-0828 Federal Inspection Services Renovation and Expansion Project (encompassing the former Terminal E Ticket Lobby floor) is under construction and multiple HVAC assets are/will be relocated, removed, or reinstallation is pending a construction phase. The attached Equipment List for the FIS areas will change once this agreement is fully executed.

20. **Question:** Attachment B Fee Schedules Page 71 - Please clarify if Terminal E ticket counter and checkpoint encompass all of Terminal E's sq/ft and maintenance.

Response: Please refer to the response provided in question #19.

21. **Question:** Can an equipment list for all locations be exported from the work order system in excel format?

Response: HAS will provide the requested documents in Excel format. The Equipment list will be posted online.

22. **Question:** Attachment B Fee Schedule - Please explain the fee schedule. Is this a roll-up of the previous pages? Can this also be provided in excel?

Response: See attachment B HAS cannot tell a bidder how to fill out the Fee Schedule. Solicitation will have an excel upload.

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23. **Question:** Is there a licensing fee per technician for HAS CMMS system?

Response: Selected contractor will not be required to pay any licensing fees associated with the HAS EAMS.

24. **Question:** Once the estimate sheet is filled out for the MWBE participation, would the awarded contractor be able to redistribute the funds to meet the obligation based on awarded contracts?

Response: Yes.

25. **Question:** 2.5.1.2, Licenses, Permits, and Bonds: Please provide a list of the current requirements for certificates of training, licenses, permits, and bonding as required by the Federal, State, City, County, HAS, and other local authorities having jurisdiction.

Response: Refer to the RFP Solicitation H73-HVAC-2023-001, Section 2.0 - Basic Services for the multiple disciplines/jurisdiction/permit requirements. The selected contractor shall ensure full compliance.

26. **Question:** 2.5.1.5, The contractor shall obtain any permits required to work on the Airports, including in restricted areas, as defined by Federal, State, and local laws, City policies, procedures, ordinances, rules, codes, and regulations. Please provide a list of the permits and who issues the Permits.

Response: Please refer to the response provided in question #25.

27. **Question:** 2.5.1.6, The contractor shall be required to provide, as requested and on demand, all licenses, permits, certifications, and other such proof of qualifications for any personnel required to work on the Airports, including restricted areas, for proper execution of the Agreement. Please provide a copy of the last request of the current licenses, permits, certifications, and other such proof of qualifications to work on the Airports.

Response: Please refer to the response provided in question #25.

28. **Question:** 2.6.2, As part of O&M Services, contractor shall manage and enforce on the City's behalf all manufacturer warranties issued before the Effective Date of this Agreement, during the Term of the Agreement, and any extensions. Please provide a list of all equipment currently under manufacture warranty.

Response: Currently no HVAC assets are under manufacturer's warranty.

29. **Question:** 2.10.1.2.1, Corrective Maintenance shall be documented in EAMS. Please provide a copy of the last two years of Corrective Maintenance Reports.

Response: Please refer to the response provided in question #5.

30. **Question:** 2.11.2, Should HAS determine that the Contractor is not meeting the Agreement responsibilities with the Contractor's on-site crew. Please provide the current staffing levels.

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Response: Refer to the RFP Solicitation H73-HVAC-2023-001, Section 2.11 - Personnel Requirements.

31. **Question:** 2.11.3, Contractor shall be responsible for providing additional staffing during irregular operations and inclement weather at no additional cost to the City. Please provide the events in the last 2 years that the Contractor provided additional staffing during irregular operations and inclement weather.

Response: HAS does not have any recorded events in the last 24 months.

32. **Question:** 2.11.6 AND Part III Section F, 2.11.6...The following job descriptions are intended to address minimum key personnel qualifications...AND F, 2, a...Provide copies of key personnel resumes, certifications and state licenses required for the operation and maintenance of HVAC systems. In accordance with the RFP, it would appear that the Contractor must provide over 30 resumes to meet the requirements. Please confirm the job descriptions of key personnel of which the Contractor must provide resumes.

Response: Please provide resumes for the following team members: Project Manager, Administrative Coordinator, Maintenance Manager(s), Maintenance Supervisor(s), and Operations Supervisor(s).

33. **Question:** 3.2.5.2, 3.3.6.2, 3.4.3, Contractor to assist with any 3rd party audits, assessments and retro commissioning by providing escort access to mechanical rooms and supervised access to BAS, as needed at no additional cost to HAS. Please provide the number of occurrences of escort duty in the last two years.

Response: HAS does not maintain any data of the number of events associated with the sections above.

34. **Question:** 3.9, Filters. Please provide the quantity and type of filter needed per piece of equipment.

Response: Refer to RFP Solicitation H73-HVAC-2023-001, Attachment "C". The approximate charcoal and pleated filter count for the HAS Enterprise is 3,000 pleated filters and 3,000 charcoal filters.

35. **Question:** PART IV. A.1., Number of Copies. Submit five (7) copies of the Proposal. Please confirm the number of copies.

Response: Submit five (5) copies.

36. **Question:** Attachment B. Please provide the Attachment in an EXCEL Format. "FEE SCHEDULE?"

Response: Please see attached Fee Scheduled.

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37. **Question:** Attachment B, UNIT PRICING, Inclusion/Exclusion Rate Per Square Footage. Please provide the square footage of every facility in order for bidders to calculate the per square footage price.

Response: Refer to RFP Solicitation H73-HVAC-2023-001, Attachment "D".

38. **Question:** Is the intent of this language to include High Voltage as well, such as Transfer Switches, Transformers, Bus Duct, etc. or just electrical associated with the HVAC equipment in those rooms downstream of the disconnect as well as lighting?

Response: Power from Breaker Panel to starter is maintained/serviced by HAS Electrical; starter to the HVAC asset/device is the selected contractor's responsibility.

39. **Question:** If you need to pass through a Mechanical Room to access an Electrical Room, is the Electrical Room considered to be inside the perimeter walls as stated in 2.2.2 or are these rooms considered separate and not part of the Mechanical Equipment Rooms and / or our obligation to maintain?

Response: If the Electrical Room contains HVAC asset controllers included under this Solicitation, the selected contractor shall be responsible.

40. **Question:** Please confirm onsite space(s) will be provided for Contractor's dumpsters / compactors.

Response: Selected contractor shall coordinate with HAS Senior Project Manager and Operations Division.

41. **Question:** It is our assumption that Life Cycle means the amount of time an asset / system operates in normal conditions before needing replacement based on the industry standard for that asset / system. Is this correct?

Response: HAS will consider industry definitions; however, HAS reserves the right to determine a Life Cycle and if/or when an asset is retired and replaced.

42. **Question:** What is the established guideline that both HAS, and the Contractor refer to in order to determine an assets / systems Life Cycle?

Response: HAS will consider industry definitions; however, HAS reserves the right to determine a Life Cycle and if/or when an asset is retired and replaced.

43. **Question:** For the Level I Service Level, it states that maintenance will be performed such that the asset / system's Life Cycle never diminishes, essentially keeping the asset / system in a Like New condition. It is possible some assets / systems are unable to be brought up to Day 1 condition due to various factors preventing it, i.e.- hydronic piping throughout the airport, aged equipment that previously didn't have this Level of Service provided, etc. What is the expectation of HAS in these instances?

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Response: Refer to RFP Solicitation H73-HVAC-2023-001, Attachment Section 3.2 - Level I Service (Perpetual – Best Management Practices Level of Service)

44. **Question:** If an asset / system has met its intended Life Cycle, does this threshold still apply? As an example, a 25 year old 120 ton air cooled chiller needs a new compressor and coils. The parts alone are \$18,000.00. Per ASHRAE the Life Cycle for this equipment is 20 years. By the definition above all costs would be on the Contractor to bear. Under Level II however it says that the equipment is maintained so as to reach its intended Life Cycle, which in this case it did. In this example, would the Contractor be expected to absorb the cost of the repair if it was Level II service? What about if it was Level I service being provided?

Response: HAS will consider industry definitions; however, HAS reserves the right to determine a Life Cycle and if/or when an asset is retired and replaced.

45. **Question:** Is the intent of the contract to have these electrical rooms included in our scope?

Response: If a Mechanical or Electrical Room contains HVAC assets or is served by a system under this Solicitation, it shall be the selected contractor's responsibility.

46. **Question:** Please clarify if this language any of the provision is going to be modified, if so please provide the updated revised language.

Response: No language is modified at this time.

47. **Question:** How many full-time and part-time employees does Comfort Systems have working on this? Total, per contract, per site.

Response: HAS does not direct staffing for Comfort Systems contract.

48. **Question:** Current total dollar value of the contract?

Response: Estimated \$35M for IAH, HOU and EFD

49. **Question:** Can we only submit a bid for the CUP contract of one site or do we have to submit for all sites?

Response: Proposers can submit a proposal for any HVAC project.

50. **Question:** Can we submit a bid for one airport?

Response: Yes.

51. **Question:** Can we have a copy of the previous contract?

Response: Please submit an open records request to houstontx.gov/pia.html

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When issued, a Letter of Clarification (LOC) shall automatically become part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the LOC. The LOC will be incorporated into the Agreement as applicable. It is the responsibility of the respondents(s) to ensure that it has obtained all such LOC(s). By submitting a proposal on this project, respondents shall be deemed to have received all LOC(s) and to have incorporated them into their submittal.

If further clarification is needed regarding this solicitation, please contact Gabriel Carey, Sr. Procurement Specialist, via email at gabriel.carey@houstontx.gov.

DS
DE
DocuSigned by:
Cathy Vander Plaats
DS
102238028DE00414
Cathy Vander Plaats
Aviation Procurement Officer
Houston Airport System

- Attachments:
1. IAH Equipment List "C"
 2. Exhibit F-1 Contract Bid Items List (excel)
 3. Exhibit F-3-A HVAC Fee Schedule (excel)

cc: Alfredo Oracion
Dallas Evans
Solicitation File

Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------|--|--------------------------------|--|---|--------------|
| AH-1A | AH-1A Air Handling Unit Mfg. Recold 18,100 C.F.M. 380,000 BTUH Heating; 1,060,000 BTUH Cooling; 4.0" T.S.P. CW/94 G.P.M. 15 FT HD HW/38.0 G.P.M. 5 FT HD | Terminal A Floor 3, N. West | Model No. MHB-500 Serial No. 10165 I.B.W562.HVAC0382 | Ground, 2 nd Level and Aviation Offices | 1969 |
| AH-1A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No. ACH580-VCR Serial No. | AH-1A | 2011 |
| AH-2A | AH-2A Air Handling Unit Mfg. Recold 16,200 C.F.M. BTU Heating, 925,000 BTU Cooling; 4.0 T.S.P. CW/170 15 FT HD, HW/90 G.P.M. 5 FT HD | Terminal A Floor 3, N. West | Model No. MHB-500 Serial No. Data Not Available I.B.W562.HVAC0381 | Lobby, Baggage | 1969 |
| AH-2A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No. ACH580-VCR-065A Serial No. 2201803576 | AH-2A | 2011 |
| AH-3A | AH-3A Air Handling Unit Mfg. Carrier 8,200 C.F.M., BTUH Heating; 356,200 BTUH Cooling; 6.2" S.P. CW/50 G.P.M. 15 FT HD; HW/20/20 G.P.M. 5 FT HD | Terminal A Floor 3, N. East | Model No. 39EB17 Serial No. 4688 T 13361 I.B.W562.HVAC0228 | 2 nd Level Mezzanine Level | 1969 |
| AH-3A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No. Serial No. | AH-3A | 2011 |
| AH-4A DECOMMISSIONED | AH-4A Air Handling Unit Mfg. Recold 20,770 C.F.M., 685,000 BTUH Heating; 725,000 BTUH Cooling; 5.5" S.P. CW/170 G.P.M. 15 FT HD.; HW/90 G.P.M. 5 FT HD | Terminal A Floor 3, N. East | Model No. MHB-500 Serial No. D-101911 I.B.W562.HVAC0345 | 2 nd Level Lobby Baggage | 1969 |
| AH-5A | AH-5A Air Handling Unit Mfg. Temtrol | Terminal A Floor 3, S. East | Model No. BD-170P Serial No. 10604 | Grade and 2 nd Level Mezzanine Level | 1969 |

The Equipment list (Attachment "C") may not be comprehensive and fully inclusive.
Contractor will be responsible for all equipment regardless of its inclusion or exclusion on the list.

Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------|--|------------------------------------|---|---|--------------|
| | 8,260 C.F.M. 220,000 BTUH Heating, 333,700 BTUH Cooling; 6.2" S.P. CW/ 52 G.P.M. 15 FT HD., HW/20 G.P.M. 5 FT HD | | I.B.W562.HVAC0365 | | |
| AH-5A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No. Serial No. | AH-5A | 2011 |
| AH-6A | AH-6A Air Handling Unit Mfg. Recold 20,770 C.F.M. 685,000 BTUH Heating, 952,500 BTUH Cooling; 5.5" S.P. CW/170 G.P.M. 15 FT HD.; HW/90 G.P.M. 15 FT HD | Terminal A Floor 3, S. East | Model No. MHB-500 Serial No. D-10190 I.B.W562.HVAC0372 | 2 nd Level Lobby Baggage | 1969 |
| AH-6A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No.ACH580-VCR-044A-4 Serial No. 2201803353 | AH-6A | 6 Year |
| AH-7A | AH-7A Air Handling Unit Mfg. Recold 16,500 C.F.M., 270,000 BTUH Heating, 707,500 BTUH Cooling; 6.2" S.P. CW/195 G.P.M. 15 FT HD., HW/70 G.P.M. 5 FT HD | Terminal A Floor 3, S. West | Model No. MHB-500 Serial No. D-10190 I.B.W562.HVAC0370 | Grade and 2 nd Level Offices Mezzanine Level | 1969 |
| AH-7A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No. Serial No. | AH-7A | |
| AH-8A | AH-8A Air Handling Unit Mfg. Recold 16,200 C.F.M. 685,000 BTUH Heating, 925,000 BTUH Cooling; 5.5 S.P. CW/170 G.P.M. 15 FT HD, HW/90 G.P.M. 5 FT HD | Terminal A Floor 3, S. West | Model No. MHB-500 Serial No. Data Not Available I.B.W562.HVAC0369 | 2 nd Level Lobby Baggage | 1969 |
| AH-8A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | Model No.ACH580-VCR-065A-4 Serial No. 2201803616 | AH-8A | 2011 |

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Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|---|---|-----------------------------------|--------------|
| OAPU-1A | Temtrol- 460 Volts, 3 Phase, 10 H.P. Outside Air Pre Treatment Unit –A-1 2 Inch High Efficiency Pleated Filters, Carbon Pellets & Final 12 Inch Box Filter Rated @ 65% Efficient. | Terminal A, 3 rd Floor, N West Mechanical Room | Model No. WF-DH23 Serial No. 74843 I.B.W562.HVAC0383 | Terminal A, Air Handling Unit 1,2 | 1997 |
| OAPU-2A | Temtrol- 460 Volts, 3 Phase, 10 H.P. Outside Air Pre Treatment Unit –A-2 2 Inch High Efficiency Pleated Filters, Carbon Pellets & Final 12 Inch Box Filter Rated @ 65% Efficient. | Terminal A, 3 rd Floor, N East Mechanical Room | Model No. WFDHI4/ Serial No. 74844 I.B.W562.HVAC0346 | Terminal A, Air Handling Unit 3,4 | 1997 |
| OAPU-3A | Temtrol- 460 Volts, 3 Phase, 10 H.P. Outside Air Pre Treatment Unit –A-3 2 Inch High Efficiency Pleated Filters, Carbon Pellets & Final 12 Inch Box Filter Rated @ 65% Efficient. | Terminal A, 3 rd Floor, S East Mechanical Room | Model No. WFDHI4/ Serial No. 74845 I.B.W562.HVAC0373 | Terminal A, Air Handling Unit 5,6 | 1997 |
| OAPU-4A | Temtrol- 460 Volts, 3 Phase, 10 H.P. Outside Air Pre Treatment Unit –A-4 2 Inch High Efficiency Pleated Filters, Carbon Pellets & Final 12 Inch Box Filter Rated @ 65% Efficient. | Terminal A, 3 rd Floor, S West Mechanical Room | Model No. WFDH23/ Serial No. 74846 I.B.W562.HVAC0371 | Terminal A, Air Handling Unit 7,8 | 1997 |
| PHWP-1A | Mfg. Bell & Gossett 1 H.P., 1725 R.P.M.42 G.P.M. | Terminal A, 3 rd Floor, N West Mechanical Room | Model No. 8015X15X7B/ Serial No. N/A | Outside Air Pretreated Unit 1 | 1997 |
| PHWP-2A | Mfg. Bell & Gossett 1 H.P., 1725 R.P.M.42 G.P.M. | Terminal A, 3 rd Floor, N East Mechanical Room | Model No. 8015X15X7B/ Serial No. N/A | Outside Air Pretreated Unit 2 | 1997 |
| PHWP-3A | Mfg. Bell & Gossett 1 H.P., 1725 R.P.M.42 G.P.M. | Terminal A, 3 rd Floor, S East Mechanical Room | Model No. 8015X15X7B/ Serial No. 2168271 | Outside Air Pretreated Unit 3 | 1997 |
| PHWP-4A | Mfg. Bell & Gossett 1 H.P., 1725 R.P.M.42 G.P.M. | Terminal A, 3 rd Floor, S West Mechanical Room | Model No. 8015X15X7B/ 2163428 | Outside Air Pretreated Unit 4 | |
| AH-29A | AH-29A Air Handling Unit Mfg. Recold 4,000 C.F.M. 124,600 BTUH Heating, 140,000 BTUH Cooling; 1.2 S.P. CW/86 G.P.M. 15 FT HD, HW/13 G.P.M. 5 FT HD | Terminal A Basement Mechanical Room Subway maintenance Area | Model No. MV -70 Serial No. C 17538 I.B.W562.HVAC0428 | Lower Level Offices | 1969 |

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IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------------------|---|--|--|--------------------------------|--------------|
| AH-30A | AH-30A Air Handling Unit Mfg. Recold 17,500 C.F.M. 182,000 BTUH Heating, 536,000 BTUH Cooling; 1.1 S.P. CW/145 G.P.M. 15 FT HD, HW/42 G.P.M. 5 FT HD | Terminal A Pump Room | Model No. Data Not Available Serial No. Data Not Available I.B.W562.HVAC0435 | Terminal A basement | 1969 |
| AH-61A | AH-61A Air Handling Unit Mfg. Recold 17,500 C.F.M. 182,000 BTUH Heating, 536,000 BTUH Cooling; 1.1 S.P. CW/145 G.P.M. 15 FT HD, HW/42 G.P.M. 5 FT HD | Terminal A Floor 3, South West | Model No. Data Not Available Serial No. Data Not Available I.B.W562.HVAC0380 | 3 rd Level Room A-3 | 1969 |
| AH-61A VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | mod.ACH580-VCR-027A-4 Serial No. 2201803414 | AH-61A | |
| AH-63A DECOMMISSIONED | AH-63A Air Handling Unit Mfg. Recold | Terminal A Floor 3, N. East | Model No. Serial No. I.B.W562.HVAC0384 | | 1969 |
| AHU 41200030 A-65 NOT FOUND | AH-65A Air Handling Unit Mfg. Recold 17,500 C.F.M. 182,000 BTUH Heating, 536,000 BTUH Cooling; 1.1 S.P. CW/145 G.P.M. 15 FT HD, HW/42 G.P.M. 5 FT HD | Terminal A Luggage Chute Passenger Drop Off | Model No. CP-61-H Serial No. 07349-00 | Level 2 Offices South | 1969 |
| AHU-70A | AH-70A Air Handling Unit Mfg. Carrier Weather Master 17,500 C.F.M. 182,000 BTUH Heating, 536,000 BTUH Cooling; 1.1 S.P. CW/145 G.P.M. 15 FT HD, HW/42 G.P.M. 5 FT HD | Terminal A Basement SUBWAY MAINTENANCE AREA | Model No. 39IF1183 Ab1114-r Serial No. 4088 t 00590 I.B.W562.HVAC0406 | Building Services | 1982 |
| AH-AM1 | Temptrol, 7.5 hp, 1760 rpm, 6) 16x25x2 460 volts, Vfd. Belts bx 60 | T-A Mezzanine | Model: WF-BTZ13 Serial : 74839 I.B.W562.HVAC0434 | T-A Mezzanine | 1997 |
| AH-AM1 VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | mod.ACH580-VCR-012A-4 Serial No. 2201803414 | AH-AM1 | |

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Attachment "C"

IAH Equipment Lists

Terminal A RPM 34 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------|--|--|--|---|--------------|
| AH-AM2 | Temptrol 5hp, Filters: 4) 16x25x2 460 volts, 2ea bx 46 | Terminal A Mezzanine | Model: WF-BT28 Serial: 74840 I.B.W562.HVAC0240 | Terminal A Mezzanine | 1997 |
| AH-AM3 | Temptrol 7.5 hp, 1760 rpm, 3)20x24x6 3) 12x24x6 vfd. 460 volts, belts bx 52 | Terminal A | Model: AP-150 Serial: CEJM045750 I.B.W562.HVAC0251 | Terminal A Mezzanine | 1997 |
| AH-AM3 VFD | Mfg. ABB Variable Frequency Drive 460/3/60. | Terminal A Floor 3, N. West | mod.ACH580-VCR-012A-4 Serial No. 2201803416 | AH-AM3 | |
| AH-AM4 | Temptrol 5hp, 1750rpm, filters: 2)20x24x2 2)12x24x6 2)12x24x2 2)20x24x6 460 volts, belts 1 eac. BD59 | Terminal A Mezzanine NorthEast | Model: AP-105 Serial: CEJM-04576D I.B.W562.HVAC0244 | Terminal A Mezzanine North East | 1997 |
| AH-AM5 | Temptrol 3hp, 2)20x20x2460 volts, Belts bx55 | Terminal A Mezzanine | Model: WF-DMG Serial: 74891 I.B.W562.HVAC0429 | Terminal A Mezzanine | 1997 |
| AH-AM6 | Temptrol 3hp, 2)20x20x2 460 volts, belts2 ea bx55 | Terminal A Mezzanine | Model: WF-DV6 Serial: 74812 I.B.W562.HVAC0239 | Terminal A Mezzanine | 1997 |
| AH-AM7 | York 3 hp, 1)12x24x2, 1)24x24x2 460 volts, belts A50 eac bearing 6206 DE 6205 ODF | Terminal A Mezzanine | Model: AP-60 Serial: CEJM04550D I.B.W562.HVAC0252 | Terminal A | 1997 |
| AH-AM8 | York 3hp, 1)12x24x2 1)24c24c2 460 volts, belt AX50 | Terminal A Mezzanine | Model: AP60 Serial: CEJM 04582D I.B.W562.HVAC0245 | Terminal A | 1997 |
| AH-AM9 | Carrier 3hp, 1)12x24x2 1)24c24c2 460 volts, belt AX50 | Terminal A Mezzanine | Model: Serial: 1703F28839 I.B.W562.HVAC0243 | Terminal A | 1997 |
| AH-ASITT-1 | Temptrol 460/30, 5hp, 2)16x20x2,2)20x20x2 belts,s 2 bx60 | Terminal A ITT Lower mechanical room under elevator | Model: MFDV9 Serial: 74834 I.B.W562.HVAC0412 | Terminal A | 1987 |
| AHU-C-1 | Mfg. Trane - 460/3/60, 23315 C.F.M. 1551 rpm. 50 H.P. 63 G.P.M. Cooling. 68.4 G.P.M. Heating | Terminal A, South West Mechanical Room. #AS1-312 Apron Level | Model No. MCC-50/ Serial No. K98F53272 I.B.W562.HVAC0263 | Terminal A Southwest Concourse Level | 2001 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|--|---|---|--------------|
| AHU-C-2 | Mfg. Trane - 460/3/60, 23980 C.F.M. 1475 Rpm. 50 H.P. 64.8 G.P.M. Cooling. 70.3 G.P.M. Heating | Terminal A, South West Mechanical Room. #AS1-312 Apron Level | Model No. MCC-50/ Serial No. K98F53529 I.B.W562.HVAC0261 | Terminal A Southwest Concourse Level | 2001 |
| AHU-C-3 | Mfg. Trane - 460/3/60, 17780 C.F.M. 1884 Rpm. 40 H.P. 62.1 G.P.M. Cooling. 52.2 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 305. Apron | Model No. MCC-35/ Serial No. K98F53814 I.B.W562.HVAC0313 | Terminal A Southwest Concourse Level | 2001 |
| AHU-C-4 | Mfg. Trane - 460/3/60, 21975 C.F.M. 1529 Rpm. 50 H.P. 62.1 G.P.M. Cooling. 52.2 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 305 Apron | Model No. MCC-50/ Serial No. K98F53652 I.B.W562.HVAC0311 | Terminal A Southwest Concourse Level | 2001 |
| AHU-C-5 | Mfg. Trane - 460/3/60, 21475 C.F.M. 1519 Rpm. 50 H.P. 73.6 G.P.M. Cooling. 64.4 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 112. Apron | Model No. MCC-50/ Serial No. K98F53759 I.B.W562.HVAC0014 | Terminal A Southeast Concourse Level | 2001 |
| AHU-C-6 | Mfg. Trane - 460/3/60, 22010 C.F.M. 1481 Rpm. 50 H.P. 72.8 G.P.M. Cooling. 63 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 112. Apron | Model No. MCC-50/ Serial No. K98F53335 I.B.W562.HVAC0012 | Terminal A Southeast Concourse Level | 2001 |
| AHU-C-7 | Mfg. Trane - 460/3/60, 20695 C.F.M. 1454 Rpm. 40 H.P. 62.1 G.P.M. Cooling. 52.2 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 202. Apron | Model No. MCC-50/ Serial No. K98F54193 I.B.W562.HVAC0017 | Terminal A Southeast Concourse Level | 2001 |
| AHU-C-8 | Mfg. Trane - 460/3/60, 12670 C.F.M. 1997 Rpm. 30 H.P. 41.4 G.P.M. Cooling. 37.1 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 102 Apron | Model No. MCC-30/ Serial No. K98E44807 I.B.W562.HVAC0317 | Terminal A Southeast Concourse Level | 2001 |
| AHU-C-9 | Mfg. Trane - 460/3/60, 12670 C.F.M. 1997 Rpm. 30 H.P. 41.4 G.P.M. Cooling. 37.1 G.P.M. Heating | Terminal A, South Mechanical Room #AS1- 102 Apron | Model No. MCC-30/ Serial No. CFHM00058C I.B.W562.HVAC0325 | Terminal A Southeast Concourse Level | 2001 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|--|--|--------------------------------------|--------------|
| AHU-A-1 | Mfg. Trane - 460/3/60, 14895 C.F.M. 1988 Rpm. 30 H.P. 51.9 G.P.M. Cooling. 41 G.P.M. Heating | Terminal A Southwest | Model No. MCC-30/ | Terminal A Southwest Concourse Level | 2001 |
| | | Mechanical Room #AS1-312. Apron | Serial No. K98E44839 I.B.W562.HVAC0259 | | 2001 |
| AHU-A-2 | Mfg. Trane - 460/3/60, 10645 C.F.M. 1961 Rpm. 25 H.P. 39.3 G.P.M. Cooling. 29.2 G.P.M. Heating | Terminal A, Southeast | Model No. MCC-30/ | Terminal A Southeast Concourse Level | 2001 |
| | | Mechanical Room #AS1-202.Apron | Serial No. K98E47295 I.B.W562.HVAC0015 | | |
| AHU-3A | York, 460/3/60. 5 H.P. 6.4 FLA | Terminal A, South Mechanical Room #DI111 | Model No. CA 006/ Serial No. DFHM-10061B I.B.W562.HVAC0228 | Terminal A South | 2001 |
| AHU-B-1 | Mfg. Trane - 460/3/60, 21630 C.F.M. 1246 Rpm. 30 H.P. 58.1 G.P.M. Cooling. 37.1 G.P.M. Heating | Terminal A Baggage Claim Mechanical Room | Model No. MCC-50/ Serial No. K98F52983 I.B.W562.HVAC0321 | Terminal A ,Baggage Claim Area | 2001 |
| OAPU-1 | Mfg. Trane. 460/3/60, 15220 C.F.M. 1563 Rpm. 30 H.P. 184 G.P.M. Cooling. 57.8 G.P.M. Heating. 40/ Charcoal Cells- 24x6x18. 40/ Potassium Permanganate- 24x6x18 | Terminal A, South West Mechanical Room AS1-312 Apron Level | Model No. MCC-35/ Serial No. K98F53004 I.B.W562.HVAC0365 | Terminal A Southwest Concourse Level | 2001 |
| OAPU-2 | Mfg. Trane. 460/3/60, 7450 C.F.M. 2032 Rpm. 15 H.P. 101 G.P.M. Cooling. 28.3 G.P.M. Heating. 24/ Charcoal Cells- 24x6x18. 24/ Potassium Permanganate- 24x6x18 | Terminal A, South West Mechanical Room #AS1-305 .Apron Level | Model No. MCC-17/ Serial No. K98E45162 I.B.W562.HVAC0312 | Terminal A Southwest Concourse Level | 2001 |
| OAPU-3 | Mfg. Trane. 460/3/60, 8400 C.F.M. 2191 Rpm. 15 H.P. 111 G.P.M. Cooling.31.9 G.P.M. Heating. 24/ Charcoal Cells- 24x6x18. 24/ Potassium Permanganate- 24x6x18 | Terminal A, South East Mechanical Room #AS1-112 Apron Level | Model No. MCC-17/ Serial No. K98E45251 I.B.W562.HVAC0013 | Terminal A Southeast Concourse Level | 2001 |
| OAPU-4 | Mfg. Trane. 460/3/60, 8596 C.F.M. 2226 Rpm. 15 H.P. 114 G.P.M. Cooling.32.6 G.P.M. Heating. 24/ Charcoal Cells- 24x6x18. 24/ Potassium Permanganate- 24x6x18 | Terminal A, South East Mechanical Room #AS1-202 Apron Level | Model No. MCC-17/ Serial No. K98E45262 I.B.W562.HVAC0016 | Terminal A Southeast Concourse Level | 2001 |

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Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------|---|---|--|--------------------------------------|--------------|
| OAPU-5 | Mfg. Trane. 460/3/60, 2025 C.F.M. 1814 Rpm. 5 H.P. 27.7 G.P.M. Cooling. 7.7 G.P.M. Heating. 8/ Charcoal Cells- 24x 6x18. 8/ Potassium Permanganate- 24x6x18 | Terminal A, South East Mechanical Room#AS1-102 .Apron Level | Model No. MCC-06 /Serial No. K98E40075 I.B.W562.HVAC0316 | Terminal A Southeast Concourse Level | 2001 |
| OAPU-6 | Mfg. Trane. 460/3/60, 6000 C.F.M. 2460 Rpm. 10 H.P. 79.7 G.P.M. Cooling. 22.7 G.P.M. Heating. 24/ Charcoal Cells- 24x 6x18. 24/ Potassium Permanganate- | Terminal A, Baggage Claim Mechanical Room Apron Level | Model No. MCC-14/ Serial No. K98E45240 I.B.W562.HVAC0324 | Terminal A South Baggage Claim Area | 2001 |
| OAPU-8A | Mfg. Temtrol. 460/3/60, 6000 C.F.M. 2460 Rpm. 10 H.P. 79.7 G.P.M. Cooling. 22.7 G.P.M. Heating. 24/ Charcoal Cells- 24x 6x18. 24/ Potassium Permanganate- | Terminal A, Baggage Claim Mechanical Room Ticket Level | Model No. WF-DV4 Serial No. 74849 I.B.W562.HVAC0375 | Terminal A South Baggage Claim Area | 2001 |
| AHU-C1 VFD | Mfg. ABB V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-312 | Model No. 3500/ Serial No. G994241FX I.B.W562.HVAC0734 | Air Handling Unit C-1 | 2001 |
| AHU-C2 VFD | Mfg. ABB V.F.D. 460/3/60. Variable Frequency Drive | Terminal A, South Mechanical Room AS1-312 | Model No. ACH550-VDR Serial No. 2182205573 I.B.W562.HVAC0756 | Air Handling Unit C-2 | 2001 |
| AHU-C3 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-305 | Model No. 3500/ Serial No. G994221FX I.B.W562.HVAC0727 | Air Handling Unit C3 | 2001 |
| AHU-C4 VFD | Mfg. ABB V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1- | Model No. ACH550-VDR Serial No. 2183302461 | Air Handling Unit C4 | 2011 |
| AHU-C5 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-112 | Model No. 3500/ Serial No. G994232FX I.B.W562.HVAC0759 | Air Handling Unit C5 | 2001 |
| AHU-C6 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-112 | Model No. 3500/ Serial No. G994243FX I.B.W562.HVAC0758 | Air Handling Unit C6 | 2001 |
| AHU-C7 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-202 | Model No. 3500/ Serial No. G994233FX I.B.W562.HVAC0732 | Air Handling Unit C7 | 2001 |
| AHU-C8 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-102 | Model No. 3500/ Serial No. G994211FX I.B.W562.HVAC0737 | Air Handling Unit C8 | 2001 |
| AHU-A1 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-312 | Model No. 3500/ Serial No. G994212FX I.B.W562.HVAC0735 | Air Handling Unit A1 | 2001 |

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Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------|--|--|---|--|--------------|
| AHU-A2 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, South Mechanical Room AS1-202 | Model No. 3500/ Serial No. G994213FX I.B.W562.HVAC0733 | Air Handling Unit A2 | 2001 |
| AHU-B1 VFD | Mfg. Graham V.F.D. 460/3/60. | Terminal A, Baggage Mechanical Room | Model No. 3500/ Serial No. G994222FX | Air Handling Unit B1 | 2001 |
| HTWP-1 | Mfg. Bell & Gossett .1/2ab Centrifugal Pumps. 28 G.P.M. @ 35 FT HD. 460/3/60. 1800 Rpm. 1 H.P. | Terminal A, South. East Mechanical Room #AS1-112 | Model No. 1510-1/ Serial No. 2090532 I.B.W562.HVAC0738 | Serving Terminal A South | 2001 |
| HTWP-2 | Mfg. Bell & Gossett .1/2ab Centrifugal Pumps. 28 G.P.M. @ 35 FT HD. 460/3/60. 1800 Rpm. 1 H.P. | Terminal A, South. East Mechanical Room #AS1-112 | Model No. 1510-1/ Serial No. 2090533 I.B.W562.HVAC0741 | Serving Terminal A South | 2001 |
| PHWP-1 | Mfg. Bell & Gossett. ½ X –2 ½ X7 Centrifugal Pumps. 91 G.P.M. @ 30 FT HD. 460/3/60. 1800 Rpm. 2 H.P. | Terminal A, South Mechanical Room #AS1-312 | Model No. #80-2/ Serial No. 2083934 I.B.W562.HVAC0264 | 1 Pump Serving Outside Air Pretreated Unit #1 | 2001 |
| PHWP-2 | Mfg. Bell & Gossett. Centrifugal Pumps. 15 G.P.M. @ 20 FT HD. 460/3/60. 1800 Rpm. 3/4 H.P. | Terminal A, South Mechanical Room #AS1-305 | Model No. #60-1AA/ Serial No. 2083393 I.B.W562.HVAC0725 | 1 Pump Serving Outside Air Pretreated Unit #2 | 2001 |
| PHWP-3 | Mfg. Bell & Gossett, ½ X –2 ½ X7 Centrifugal Pumps. 55 G.P.M. @ 30 FT HD. 460/3/60. 1800 Rpm. 1 H.P. | Terminal A, South Mechanical Room AS1-112 | Model No. #80-2/ Serial No. 2083994 I.B.W562.HVAC0437 | Pump Serving Outside Air Pretreated Unit #3 | 2001 |
| PHWP-4 | Mfg. Bell & Gossett. Model Centrifugal Pumps. 35 G.P.M. @ 20 FT HD. 460/3/60. 1800 Rpm. 3/4 H.P. | Terminal A South BMU rm. AS1-202M | Model No. #60-2AA Serial No. 2083992 I.B.W562.HVAC0268 | 1 Pump Serving Outside Air Pretreated Unit #4 | 2011 |
| PHWP-5 | Mfg. Bell & Gossett. Model Centrifugal Pumps. 35 G.P.M. @ 20 FT HD. 460/3/60. 1800 Rpm. 3/4 H.P. | Terminal A South BMU rm.AS1.102M | Model No. #60-2AA/ Serial No. 2108400 I.B.W562.HVAC0318 | 1 Pump Serving Outside Air Pretreated Unit #5 | 2001 |
| PHWP-6 | Mfg. Bell & Gossett. Model Centrifugal Pumps. 35 G.P.M. @ 20 FT HD. 460/3/60. 1800 Rpm. 3/4 H.P. | Terminal A Baggage Claim lvl. | Model No. #60-2AA/ Serial No. 2108403 I.B.W562.HVAC0323 | 1 Pump Serving Outside Air Pretreated Unit #6 | 2001 |

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Terminal A RPM 34 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------|---|---|--|--|--------------|
| Primary Hot Water Pump | mfg. bell & gossett, ½ x -2 ½ x7 centrifugal pumps. 55 g.p.m. @ 30 ft hds. 460/3/60. 1800 rpm. 1.5 h.p. | Terminal A, South rm. AS1.112M | Model No. #80-2/ Serial No. N/A | 2 Pumps Serving Water Heaters | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans. #Vf1-Vf2. 1/3 H.P. 115/1/60 | Terminal A, South Rooftop | Model No. PNU185/ Serial No. SWE451612 | Terminal A, South {2} Exhaust Systems | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans. #Vf3-Vf8. ½ H.P. 115/1/60 460 C.F.M. 1306 RPM | Terminal A, South Baggage Bridge | Model No. PNU185/ Serial No. SWE451627 | {6} Exhaust Systems For Baggage Crossover | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #2 .115/1/60. 1/2 H.P. 1725 Rpm. | Terminal A, South Rooftop | #Model No. PNU165RFG Serial No. SWE451604 | Terminal A ,South West Conc. & R.R.. | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #3. 115/1/60. 1/4 H.P. | Terminal A, South Rooftop | Model No. PNU -120RFE2 Serial No. SWE4551607 | Terminal A, South Concession Area, R.R. | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #4. 115/1/60. 1/4 H.P. | Terminal A, South Rooftop | Model No. PNU-165RFE Serial No. SWE451609 | Terminal A, South Concession Area, R.R. | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #5. 460/3/60. 1 H.P. | Terminal A, South Rooftop | Model No. PNU245/ Serial No. SWE451610 | Restaurant To The Right Of Check Point | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #6. 460/3/60. 3/4 H.P. | Terminal A, South Rooftop | Model No. PNU165/RFH Serial No. SWE451611 | Terminal A, South Concourse & R.R. | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #7. 115/1/60. 1/10 H.P. | Terminal A, South Rooftop | Model No. PDU110RF/ Serial No. SWE451601 | Terminal A, South Janitors Closet | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #8, 9. 460/3/60 1/2 H.P. | Terminal A, South Rooftop | Model No. PNU165RG/ Serial No. TXB892802; SXB565110 | { 2 }Terminal A, South Food Court | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #10. 230/3/60. 1 H.P. | Terminal A, South Rooftop | Model No. PNU245RG/RXB442610 Serial No. | Terminal A, South Food Court | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Roof Exhaust Fans #11. 230/3/60. 2 H.P. | Terminal A, South Rooftop | Model No. PNU185RG 442610 | Terminal A, South Food Court | 2001 |
| Exhaust Fans | Centri Master. 460/3/60. 1.5 H.P. 592 Rpm. VFD #9, VFD #10 | Terminal A, South Mezzanine | Model No. FCF1SCW/ Serial No. N/A | {2}Terminal A | 2001 |
| Exhaust Fans | Mfg. Acme, Centri Master Exhaust Fans. 5 H.P. 460/3/60 1200 C.F.M. 1725 RPM | Terminal A, South Baggage Make Up | Model No. #XB200/ Serial No. N/A. | {4}Exhaust Systems For Baggage Make Up | 2001 |

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Terminal A RPM 34 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--|--|---|--|--|--------------|
| 123 VAV Boxes | Titus, Dual Duct. Cooling Range 2500 C.F.M.- 340. Heating Range 2000 C.F.M.- 210 | | Model No. PMDV./ Serial No. N/A | Terminal A, South {123} Total | 2001 |
| Air Compressor | Curtis Duplex Tank Mounted Compressors 460/3/60. 3 H.P. 495 C.F.M. 120 Gallon Tank | Terminal A, South Mechanical Room #AS1-112 | Model No. 12DN8./ Serial No. A7080216 I.B.W562.HVAC0221 | Terminal A, South | 2001 |
| Air Dryer | Hankison 115/1/60. 1/3 H.P. Compressor. 5 S C.F.M. Capacity. R-134a | Terminal A, South Mechanical Room #AS1-112 | Model No. 8005/ Serial No. 03311019808855 I.B.W562.HVAC0222 | Terminal A, South | 2001 |
| Water Heaters { 2 } | Cemline Water Heaters. 880 Gallons. Tube Coil #1042a. Maximum 125 P.S.I. | Terminal A, South Mechanical Room #AS1-112 | Model No. V880JST1042./ 49174;49175 | {2} Terminal A, South | 2001 |
| Computer Room A/C | Liebert Split System. R-22. 3 Ton. 460/3/60. Air Handling Unit-1 H.P., 1100 Rpm, 277/1/60 | Terminal A, South. Delta; American | Model No. Condenser- PFC067A-ALO/NA. Serial No. AHU- H0-6/ 10066;10081 | Terminal A, South {2} Delta; {1} American IDF Rooms. Airlines | 2001 |
| A/C Unit | Bryant Split System 7 1/2 Ton | Terminal A, South. TWA Offices | Model No. Condenser- #569JE08A000A00A0AA 2316C91485 Air Handling Unit #524J08A000A20AAA 0316U20049 | Terminal A, South. TWA Offices | 2001 |
| Fan Coil Unit (16) FCU 1 THRU 16 | International Environmental. 115/1/60. Motor 1/5 H.P. 1020 Rpm. Direct Drive. | Terminal A, South | Model No. HXY06B75C2L6CAZ Serial No. N/A | { 16 }Terminal A, South Mechanical Rooms, Food Storage Areas | 2001 |
| DDC Temperature Control & Energy Monitoring System NIC | Alerton Bac-Talk Software Version- 3.22c; Device Allows User To Monitor, Change Any Given Point That Is Configured Into System. To Include Sensors, Static Pressure, Filter Pressure Drop, Water Temperature, etc. Devices are daisy chained through Ethernet to a MS/TP repeater to system integrator {LSI} to programmable visual logic controller {VLC} to device. | Terminal A | Hewlett Packard Netserver LH-3 Model- D4998-60200;Serial- US84300119.Hewlett Packard Laser Jet Printer Model 400N;Serial C4120A | All Of Terminal A | 2011 |
| EFB 141400012 A-8 NOT FOUND | Mfg. UNITHERM EF-8A Exhaust Fan 1,200 C.F.M. 3/8 S.P. | Terminal A Basement | Model No. C24 Serial No. Data Not Available | Mechanical Room | 1982 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|---|---|--|---------------------------------------|--------------|
| EFB 141400011 A-46 | EF-4A Exhaust Fan 1,200 C.F.M. 3/8 S.P. | Terminal A Floor 2 – S. West Mech. Room | Model No. Data Not Available Serial No. Data Not Available | Toilet Exhaust York Equipment | 1982 |
| EFB 141400013 A-44 | EF-2A Exhaust Fan 3,700 C.F.M. ½ S.P. Clare Corporation Clare LS 40 | Terminal A Floor 2 Mech. Room | Model No. Data Not Available Serial No. Data Not Available | Toilet Exhaust | 1982 |
| EFB 141400014 A-43 | EF-1A Exhaust Fan 2,300 C.F.M. 3/8 S.P. Model No. Clare LS33 | Terminal A Mech. Room, N. East | Model No. Data Not Available Serial No. Data Not Available | Toilet Exhaust | 1982 |
| EF-3A | EF-3A Exhaust Fan 2,900 C.F.M. 7/8 S.P. Clare Corporation Clare LS361/2 | Terminal A Mech. Room, S. East | Model No. Data Not Available Serial No. Data Not Available I.B.W562.HVAC0374 | Toilet Exhaust | 1982 |
| EFB 141400016 A-48 | EF-6A Exhaust Fan 2,200 C.F.M. 3/8 S.P. Clare Corporation Model No. Unitherm C18 | Terminal A Ground Level S. West | Model No. Data Not Available Serial No. Data Not Available | Toilet Exhaust | 1982 |
| EFB 141400026 A-49 | EF-7A Exhaust Fan 6,200 C.F.M. ½ H.P. Clare Corporation Model No. Unitherm C24 | Terminal A Basement | Model No. Data Not Available Serial No. Data Not Available | Ventilation | 1982 |
| HCW145200001 A-62 | HW Gen 1 Hot Water Generator Primary Water Secondary Water 100 G.P.M. 25 FT HD 600 G.P.M., 20 FT HD 300F Water In 160F Water In 180F Water Out 180F Water Out | Terminal A Basement | Model No. NA Serial No. NA | Hot Water to Kitchen and Bathrooms | 2010 |
| HWC145200003 A-65 | HW Gen 2A Hot Water Generator Primary Water Secondary Water 462 G.P.M. 25 FT HD 1200 G.P.M., 20 FT HD 300F Water In 140F Water In 200F Water Out 190F Water Out | Terminal A Basement | Model No. NA Serial No. NA | Hot Water to Kitchen and Bathrooms | 2010 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------|---|---------------------------------------|---|---------------------------------|--------------|
| PMP 43200042 A-66 | P-2 In-Line Circulating Pump Water – 10 G.P.M., 7 FT HD | Terminal A Basement Mech. Room | Model No. NA Serial No. NA | Kitchen HW Circulator | 1982 |
| PMP 43200041 A-67 | P-1 In-Line Circulating Pump Water – 40 G.P.M., 40 FT HD | Terminal A Basement Mech. Room | Model No. NA Serial No. NA | Domestic HW Circulator | 1982 |
| Domestic Hot Water Pump | T-A DHP-1 HP: ¾ RPM: 3480/2850 Volts: 460 Full load amps 9/1 | T-A Pump Rm A | Model: SFE05876/R6131300 Serial #: CE1P55 | Domestic HW Circulator | 2010 |
| Domestic Hot Water Pump | T-A DHP-2 HP: ¾ RPM: 3480/2850 Volts: 460 Full load amps 9/1 | T-A Pump Rm A | Model: SFE05876/R6131300 Serial #: CE1P56 | Domestic HW Circulator | 2010 |
| HWP-P3 | Hot water pump P3 Mfg. Lincoln 2 Speed Hot Water Circulating Pump Water – 1595 G.P.M., 90 FT HD. 1780/1472 RPM | Terminal A Basement Mech. Room | Model No. CCS4P60T61Y Serial No. I.B.W562.HVAC0024 | Heating Hot Water Circulator | 2010 |
| HWP-P3 VFD | Mfg. Yaskawa Variable Frequency Drive 460/3/60. | Terminal A Basement Mech. Room | Model No.E7 Serial No.4W112709340001 I.B.W562.HVAC0747 | | 2011 |
| HWP-P4 | Hot water pump P4 Mfg. Lincoln 2 Speed Hot Water Circulating Pump Water –1595G.P.M., 90 FT HD 1780/1472 RPM | Terminal A Basement Mech. Room | Model No. CCS4P60T61Y Serial No. | Heating Hot Water Circulator | 2010 |
| HWP-P4 VFD | Mfg. Yaskawa Variable Frequency Drive 460/3/60. | Terminal A Basement Mech. Room | Model No.E7 Serial No.4W1182849740001 I.B.W562.HVAC0748 | | 6 Year |
| CHWP-P1 | T-A CHWP P-1 Mfg. Lincoln 2 Speed Chill Water Circulating Pump 75 H.P. 1750/1100 RPM Water – 1200 G.P.M., 100 FT HD 180/90FLA | Terminal A Basement Mech. Room | Model No. CS4P75T61Y Serial No. Data Not Available | Chilled Water Circulator | 2010 |

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IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|--------------------------------------|---|--------------------------|--------------|
| CHWP- P1 VFD | 75 Hp VFD Yaskawa | | ser. 4W1052569010001 I.B.W562.HVAC0750 | | 2016 |
| CHWP-P2 | T-A CHWP P-2 Mfg. Lincoln 2 Speed Chill Water Circulating Pump. 75 H.P. 1750/1100 RPM Water – 1200 G.P.M., 100 FT HD 180/90FLA | Terminal A Basement Mech. Room | Model No. CS4P75T61Y Serial No. I.B.W562.HVAC0744 | Chilled Water Circulator | 2010 |
| CHWP-P2 VFD | 75 Hp VFD Yaskawa | | ser.4W10X2646720001 I.B.W562.HVAC0749 | | 2016 |
| CHWP-5 | T-A CHWP-5 Lincoln HP: 75 RPM: 1780 Volts: 4803/60 | T-A Pump Room | Model: CS4P75T61Y I.B.W562.HVAC0742 | T-A South terminal | 2010 |
| CHWP-5A VFD | 75 Hp VFD mfg. ABB | | I.B.W562.HVAC0743 | | 2016 |
| CHWP-6 | T-A CHWP 6 Lincoln HP: 75 RPM: 1780 | T-A Pump Room | Model: CS4P75T61Y I.B.W562.HVAC0022 | T-A North terminal | 2010 |
| CHWP-6A VFD | 75 Hp VFD mfg. Yaskawa | | I.B.W562.HVAC0745 | | 1 |
| PMP 43200048 A-69 | P-9 Mfg. Lincoln w Coyoto drive Chill Water Circulating Pump. 10 H.P. 1725 RPM Water – 1200 G.P.M., 100 FT HD | Terminal A Basement Mech. Room | Model No.8VDCC54P10T61 Serial No. | Old FAA tower | 2010 |
| VAV BOX W-1NE-1 | Mfg. Continental TA Variable Air Volume-W1 | NE1 Baggage Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-1NE-2 | Mfg. Continental TA Variable Air Volume-W1 | NE2 Baggage Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-1 NW-1 | Mfg. Continental TA Variable Air Volume-W1 | NW1 Baggage Level VAV | Model No. PSA-12 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-1 NW-2 | Mfg. Continental TA Variable Air Volume-W1 | NW2 Baggage Level VAV | Model No. PSA-12 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-1 SE 1 | Mfg. Continental TA Variable Air Volume-W1 | SE1 Baggage Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W 1SE 2 | Mfg. Continental TA Variable Air Volume-W1 | SE2 Baggage Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |

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IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--|----------------------------|--|-------------|--------------|
| VAV BOX W 1SW 1 | Mfg. Continental TA Variable Air Volume-W1 | SW1 Baggage Level VAV | Model No. PSA-12 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-1 SW-2 | Mfg. Continental TA Variable Air Volume-W1 | SW2 Baggage Level VAV | Model No. PSA-12 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W 3NE 3 | Mfg. Continental TA Variable Air Volume-W3 | N33 Mezzanine Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W 3NE 1 | Mfg. Continental TA Variable Air Volume-W3 | NE1 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NE-2 | Mfg. Continental TA Variable Air Volume-W3 | NE2 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NE-3 | Mfg. Continental TA Variable Air Volume-W3 | NE3 Mezzanine Level VAV | Model No. PSA-1 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NE-4 | Mfg. Continental TA Variable Air Volume-W3 | NE4 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NE-5 | Mfg. Continental TA Variable Air Volume-W3 | NE5 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NW-1 | Mfg. Continental TA Variable Air Volume-W3 | NW1 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NW-2 | Mfg. Continental TA Variable Air Volume-W3 | NW2 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3 NW-3 | Mfg. Continental TA Variable Air Volume –W3 | NW3 Mezzanine Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NW-4 | Mfg. Continental TA Variable Air Volume-W3 | NW4 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3NW-5 | Mfg. Continental TA Variable Air Volume-W3 | NW5 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SE-1 | Mfg. Continental TA Variable Air Volume-W3 | SE1 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SE-2 | Mfg. Continental TA Variable Air Volume-W3 | SE2 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|--|---------------------------------------|---|--------------------|--------------|
| VAV BOX W-3SE-3 | Mfg. Continental TA Variable Air Volume-W3 | SE3 Mezzanine Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SE-4 | Mfg. Continental TA Variable Air Volume-W3 | SE4 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SE-5 | Mfg. Continental TA Variable Air Volume-W3 | SE5 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SW-1 | Mfg. Continental TA Variable Air Volume-W3 | SW1 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SW-2 | Mfg. Continental TA Variable Air Volume-W3 | SW2 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SW-3 | Mfg. Continental TA Variable Air Volume-W3 | SW3 Mezzanine Level VAV | Model No. PSA-16 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SW-4 | Mfg. Continental TA Variable Air Volume-W3 | SW4 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| VAV BOX W-3SW-5 | Mfg. Continental TA Variable Air Volume-W3 | SW5 Mezzanine Level VAV | Model No. PSA-20 Serial No. Data Not Available | Terminal A | 1982 |
| AHU-N1 | AHU-N1 York /AP -150 HP/RPM: 15/1765 Volts/Phase/Hertz: 460/3/60, Belts: 2/Goodyear BX58 Filters: 3Pleated/ 20x54x2 3/Pleated/12x24x2 | Terminal A North Ramp rm. AN1.288M | Model: AP -150 Serial #: CEJMO4541D I.B.W562.HVAC0386 | Zone 1, Level 1 | 2009 |
| AHU-N2 | AHU-N2 York/AP-305 HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX85 Filters: 8/Pleated/24x24x2 | Terminal A North Ramp rm. AN1.288M | Model: AP-305 Serial #: CEDM04543D I.B.W562.HVAC0385 | Zone 1, Level 2 | 2009 |
| AHU-N3 | AHU-N3 York/ AP-500. HP/RPM: 30/1770 Volts/Phase/Hertz: 460/3/60 Belts: 4/Goodyear/BX95 Filters: 15/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.219M | Model: AP-500 Serial #: CDMJ04544D I.B.W562.HVAC0396 | Zone 1 & 2 Level 2 | 2001 |
| AHU-N4 | AHU-N4 York/ AP-500 HP/RPM: 30/1770 Volts/Phase/Hertz: 460/3/60 Belts: 4/Goodyear/ BX95 Filters: 15/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.219M | Model: Ap-500 Serial #: CEJM04546D I.B.W562.HVAC0393 | Zone 1 Level 2 | 2001 |

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|---------------------------------------|--|--------------------|--------------|
| AHU-N5 | AHU-N5 York/ AP-360. HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX85 Filters: 12/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.101M | Model: AP-360 Serial #: 99-151544-02005 I.B.W562.HVAC0005 | Zone 2 Level2 | 2001 |
| AHU-N6 | AHU-N6 York/ AP-360 HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX80 Filters: 12/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.101M | Model: AP-360 Serial #: 99-151544-02006 I.B.W562.HVAC0003 | Zone 2 Level 2 | 2001 |
| AHU-N7 | AHU-N7 York/ AP-500 HP/RPM: 30/1770 Volts/Phase/Hertz: 460/3/60 Belts: 4/Goodyear/BX93 Filters: 15/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.304M | Model: AP-500 Serial #: CDJM04592D | Zone 3 & 4 Level 1 | 2001 |
| AHU-N8 | AHU-N8 York/ AP-305 HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX85 Filters: 8/Pleated/24x24x2 | Terminal A North Ramp rm. AN1.304M | Model: AP-305 Serial #: CDJM04558D I.B.W562.HVAC0010 | Zone 3 & 4 Level 2 | 2001 |
| AHU-N9 | AHU-N9 York/ AP-360 HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX85 Filters: 15/Pleated/20x24x2 | Terminal A North Ramp rm. AN1.304M | Model: AP-360 Serial #: CDJM04559D I.B.W562.HVAC0011 | Zone 3 & 4 Level 2 | 2001 |
| AHU-N10 | AHU-N10 York/AP -215 HP/RPM: 30/1765 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX62 Filters: 8/Pleated/20x20x2 | Terminal A North Ramp rm. AN1.112M | Model: AP-215 Serial #: 04560D I.B.W562.HVAC0002 | Zone 6 Level 2 | 2001 |
| AHU-N12 | AHU-N12 Carrier HP/RPM: 30/1765 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX62 Filters: 8/Pleated/20x20x2 | Terminal A North Ramp rm. AN1.288M | Model:39MN30D0204LW44XGS Serial #: 37OU26413 I.B.W562.HVAC0390 | | |
| AHU-N12 VFD | 75 Hp VFD mfg. ABB | Terminal A North Ramp rm. AN1.288M | mod. ACX550-UO-023A-4 ser.2103500747 | | |
| AHU-N13 | AHU-N13 York/AP-150 HP/RPM: 15/1765 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX55 Filters: 3/Pleated/24x20x2 3/Pleated/24x12x2 | Terminal A North Ramp rm. AN1.345M | Model: AP-150 Serial #: CEJM04561D I.B.W562.HVAC0019 | Zone 5 Level 1 | 2001 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|---|---------------------------------------|--|-----------------------|--------------|
| AHU-N14 | AHU-N14 York/AP-305 HP/RPM: 25/1770 Volts/Phase/Hertz: 460/3/60 Belts: 3/Goodyear/ BX77 Filters: 8//Pleated/24x24x2 | Terminal A North Ramp rm. AN1.345M | Model: AP-305 Serial #: CEJM04565D I.B.W562.HVAC0020 | Zone 5 Level 2 | 2001 |
| OAPU-N1 | OAPU-N1 York/ AP-150 HP/RPM: 15/1760 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/AX26 Filters: 6/Pleated/24x24x2 12/Carbon/18x12x6 2/Pleated/24x24x2 36/Carbon/24x18x6 | Terminal A North Ramp rm. AN1.288M | Model: AP-150 Serial #: DEJM03055B I.B.W562.HVAC0387 | AHU-N1 & N2 Zone 1 | 2001 |
| OAPU-N2 | OAPU-N2 York/AP-170 HP/RPM: 15-6.5/1760/1175 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX48 Filters: 6/Pleated/24x24x2 12/Carbon/18x12/6 2/Pleated/24x12x2 36/Carbon/24x18x6 | Terminal A North Ramp rm. AN1.219M | Model: AP-170 Serial #: CEJM04567D I.B.W562.HVAC0397 | AHU-N3 & N4 Zone -1 | 2009 |
| OAPU-N3 | OAPU-N3 York/ AP-150 HP/RPM: 10-5/1760-875 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/AX48 Filters: 6/Pleated/24x24x2 12/Carbon/18/12/6 2/Pleated/24x12x2 36/Carbon/24x18x6 | Terminal A North Ramp rm. AN1.101M | Model: AP-150 Serial #: DEJM03056B I.B.W562.HVAC0004 | AHU-N5 & N6 Zone 2 | 2001 |
| OAPU-N4 | OAPU-N4 York/ AP-305 HP/RPM: 20/1725 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX71 Filters: 6/Pleated/24x24x2 2/Pleated/24x12x2 12/Carbon/18x12x6 36/Carbon/24x18x6 | Terminal A North Ramp rm. AN1.304M | Model: AP-305 Serial #: CDJM04569D I.B.W562.HVAC0008 | AHU-N7, N8, N9 Zone 3 | 2001 |

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|---------------------------------------|--|----------------------|--------------|
| OAPU-N5 | OAPU-N5 York/ AP-60 HP/RPM: 5/1725 Volts/Phase/Hertz: 460/3/60 Belts: 1/Gates/A58 Filters: 2/Pleated/24x24x2 8/Carbon/24x6x18 2/Pleated/24x12x2 8/Carbon/12x6x18 1/Pleated/124x24x6 1/Pleated/24x12x6 | Terminal A North BMU rm. AN1.112M | Model: AP-60 Serial #: * I.B.W562.HVAC0001 | AHU-N10 Zone-2 | 2001 |
| OAPU-N8 | OAPU-N8 York/ AP-120 HP/RPM: 10/1760 Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/BX42 Filters: 3/Pleated/12x24x6 32/Carbon/6x24x18 6/Pleated/12x24x2 3/Pleated/24x24x6 6/Pleated/24x24x2 | Terminal A North Ramp rm. AN1.345M | Model: AP-120 Serial #: CEJM04572D I.B.W562.HVAC0018 | AHU-N13 & N14 Zone 5 | 2001 |
| PHWP-1 | Pump PHWP-1 GPM/FT. Head (l/s)/M: 25/25 RPM: 1800 Volts/Phase/Hertz: 115/1/60 | Terminal A North Ramp rm. AN1.288M | Model: Bell & Gossett Serial #: 2183964 I.B.W562.HVAC0389 | OAPU-N1 | |
| PHWP-2 | Pump PHWP-2 GPM/FT. Head (l/s)/M: 28/25 RPM: 1800 Volts/Phase/Hertz: 115/1/60 | Terminal A North Ramp rm. AN1.219M | Model: Bell & Gosset Serial #: NA I.B.W562.HVAC0392 | OAPU-N2 | |
| PHWP-3 | Pump PHWP-3 GPM/FT. Head (l/s)/M: 22/25 RPM: 1800 Volts/Phase/Hertz: 115/1/60 | Terminal A North Ramp rm. AN1.101M | Model: Bell & Gossett Serial #: 2183962H I.B.W562.HVAC0714 | OAPU-N3 | |
| PHWP-4 | Pump PHWP-4 GPM/FT. Head (l/s)/M: 53/25 RPM: 1800 Volts/Phase/Hertz: 460/3/60 | Terminal A North Ramp rm. AN1.304M | Model: Bell & Gossett Serial #: 2183963 I.B.W562.HVAC0268 | OAPU-N4 | |
| PHWP-5 | Pump PHWP-5 GPM/FT.Head(l/s)/M: 8/10 Volts/Phase/Hertz: 115/1/60 | Terminal A North Ramp rm. AN1.112M | Model: Bell & Gossett Serial #: NA I.B.W562.HVAC0318 | OAPU-N5 | |
| PHWP-8 | Pump PHWP-8 GPM/Ft. Head (l/s)/M: 52/25 RPM: 1800 Volts/Phase/Hertz: 460/3/60 | Terminal A North Ramp rm. AN1.345M | Model: Bell & Gossett Serial #: 2183983 I.B.W562.HVAC0711 | OAPU-N8 | |

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IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|--|---------------------------------------|---|---------------------|--------------|
| HTWP-1 | Pump HTWP-1 GPM/FT. Head (l/s)/M: 28/35 Volts/Phase/ Hertz: 460/3/60 | Terminal A North Ramp rm. AN1.304M | Model: Price/ CD100SS-400 Serial #: 010212102388 | Dom HW | 2001 |
| HTWP-2 | Pump HTWP-2 GPM/FT. Head (l/s)/M: 28/35 Volts/Phase/Hertz: 460/3/60 | Terminal A North Ramp rm. AN1.304M | Model: Price Serial #: 010212102388 | Dom HW | 2001 |
| Fan Coil Unit | FCU-1 IEC/HXY12 HP/RPM: 1/8 / 950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 117 Zone 2 | Model: IEC/HXY12 Serial #: NA | FCU-1, FCU-2 Zone 2 | 2001 |
| Fan Coil Unit | FCU-2 IEC/HXY12 HP/RPM: 1/8 /950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 119 Zone 2 | Model: IEC/HXY12 Serial #: NA | Zone 2 | 2001 |
| Fan Coil Unit | FCU-3 IEC/ HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts : DD Filters: 1/Flat/14x28x1 | Mechanical Room 104 Zone 1 | Model: IEC/HLY12 Serial: NA | Zone 1 | 2001 |
| Fan Coil Unit | FCU-4 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 104 Zone 1 | Model: IEC/HLY12 Serial #: NA | Zone 1 | 2001 |
| Fan Coil Unit | FCU-5 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 110 Zone 1 | Model: IEC/HLY12 Serial #: NA | Zone 1 | 2001 |
| Fan Coil Unit | FCU-6 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 110 Zone 1 | Model: IEC/HLY12 Serial #: NA | Zone 1 | 2001 |

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Attachment "C"

IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|--|-------------------------------|---|-------------|--------------|
| Fan Coil Unit | FCU-7 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phae/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 122 Zone-2 | Model: IEC/HLY12 Serial #: NA | Zone 2 | 2001 |
| Fan Coil Unit | FCU-8 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 122 Zone 2 | Model: IEC/HLY12 Serial #: NA | Zone 2 | 2001 |
| Fan Coil Unit | FCU-9 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 140 Zone 3 | Model: IEC/HLY12 Serial #: 115/1/60 | Zone 2 | 2001 |
| Fan Coil Unit | FCU-10 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 140 Zone 3 | Model: IEC/HLY12 Serial #: NA | Zone 2 | 2001 |
| Fan Coil Unit | FCU-11 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 117 Zone 2 | Model: IEC/HLY12 Serial #: NA | Zone 2 | 2001 |
| Fan Coil Unit | FCU-12 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x1 | Mechanical Room 117 Zone 2 | Model: IEC/HLY12 Serial #: NA I.B.W562.HVAC0254 | Zone 2 | 2001 |
| Fan Coil Unit | FCU-14 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/ Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Flat/14x28x2 | Mechanical Room 155 Zone 5 | Model: IEC/HLY12 Serial #: NA | Zone 5 | 2001 |
| Fan Coil Unit | FCU-15 IEC/HLY12 HP/RPM (W): 1/10/950 Volts/Phase/Hertz: 115/1/60 Belts: DD Filters: 1/Pleated/14x28x1 | Mechanical Room Zone 5 | Model: IEC/HLY12 Serial #: NA | Zone 5 | 2001 |

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IAH Equipment Lists

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------------|--|------------------------|---|--------------------------------|--------------|
| Exhaust Fan | Fan EF-1 HP/RPM Frame W: 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A22 | Roof | Model: Cook/165R4B Serial #: 302S569025 | Restroom & Toilet | 2001 |
| Exhaust Fan | Fan EF-2 HP/RPM (W): 1/20/1550/42V Volts/Phase/Hertz: 115/1/60 Belts: DD | Roof | Model: Cook/ 70C15DH Serial #: 302S569025 | Janitor Closet | 2001 |
| Exhaust Fan | Fan EF-4 HP/RPM (W): 1/4 /1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A22 | Roof | Model: Cook/ 135R3bv Serial #: 302S579025 | Restroom & Janitor | 2001 |
| Exhaust Fan | Fan EF-5 HP/RPM (W): 1/3/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A22 | Roof | Model: Cook/ 150B4B Serial #: 302S569025 | Lockers, Restrooms, Janitor | 2001 |
| Exhaust Fan | Fan EF-6 HP/RPM (W): 1/4/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A22 | Roof | Model: Cook/ * Serial #: * | Restroom & Janitor | 2001 |
| Exhaust Fan | Fan EF-7 HP/RPM (W): 5/1760/S184T Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/ AX90 | Ceiling A North BMU | Model: Cook/ 365SQNB Serial #: NA I.B.W562.HVAC0030 | Baggage Claim | 2001 |
| Exhaust Fan | Fan EF-8 HP/RPM (W): 5/1760/S184T Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/AX90 | Ceiling A North BMU | Model: Cook/ 365SQNB Serial #: NA I.B.W562.HVAC0029 | Baggage Claim | 2001 |
| Exhaust Fan | Fan EF-9 HP/RPM (W): 5/1760/S184T Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/AX90 | Ceiling A North BMU | Model: Cook/365SQNB Serial #: NA I.B.W562.HVAC0028 | Baggage Claim | 2001 |
| Exhaust Fan REMOVED | Fan EF-10 HP/RPM (W): 5/1660/S184T Volts/Phase/Hertz: 460/3/60 Belts: 2/Goodyear/AX90 | Ceiling A North BMU | Model: Cook/65SQNB Serial #: NA I.B.W562.HVAC0027 | Baggage Claim | 2001 |
| Exhaust Fan | Fan EF-13 HP/RPM (W): 1/4/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A23 | Roof | Model: Cook/135R3B Serial #: 302S569025 | Restroom & Janitor | 2001 |
| Exhaust Fan | Fan EF-14 HP/RPM (W): 1/4/1725 Volts/ Phase/ Hertz: 115/1/60 Belts: 1/Goodyear/A23 | Roof | Model: Cook/135R3B Serial #: 302S569025 | Restroom & Janitor | 2001 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|-----------------|---|------------------|--------------|
| Exhaust Fan | Fan EF-15 HP/RPM (W): NA Volts/Phase/Hertz: 115/1/60 Belts: DD | Ceiling | Model: Cook/ GC160 Serial #: NA | Tele Comm US 113 | 2001 |
| | Fan VF-1 HP/RPM (W): 1/3/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A25 | Roof | Model: Cook/ 180R4B Serial #: 392S569025 | Conveyor Chase | 2001 |
| | Fan VF-2 HP/RPM (W): 1/3/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A25 | Roof | Model: Cook/180R4B Serial #: 302S569025 | Conveyor Chase | 2001 |
| | Fan VF-3 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A23 | Roof | Model: Cook/180R5B Serial #: 302S569025 | Conveyor Bridge | 2001 |
| | Fan VF-4 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/ A23 | Roof | Model: Cook/ 180R5B Serial #: 302S569025 | Conveyyor Bridge | 2001 |
| | Fan VF-5 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A23 | Roof | Model: Cook/ 180R5B Serial #: 302S569025 | Conveyor Bridge | 2001 |
| | Fan VF-6 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A23 | Roof | Model: Cook/180R5B Serial #: 302S569025 | Conveyor Bridge | 2001 |
| | Fan VF-7 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A24 | Roof | Model: Cook/180R5B Serial #: 302S569025 | Conveyor Bridge | 2001 |
| | Fan VF-8 HP/RPM (W): 1/2/1725 Volts/Phase/Hertz: 115/1/60 Belts: 1/Goodyear/A24 | Roof | Model: Cook/ 180R5B Serial #: 302S569025 | Conveyor Bridge | 2001 |
| | Fan VF-11 Hp/RPM (W): 1 1/2/ 1750/145T Volts/Phase/Hertz: 460/3/60 Belts: 1/Goodyear/AX41 | Above Mezzanine | Model: Cook/150CPFB Serial #: NA | Conveyor Chase | 2001 |
| | Fan VF-12 HP/ROM (W): 1 1/2/1750/145T Volts/Phase/Hertz: 460/3/60 Belts: 1/Goodyear/AX41 | Above Mezzanine | Model: Cook/150CPFB Serial #: NA | Conveyor Chase | 2001 |

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IAH Equipment Lists

Terminal A RPM 34 pages

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|-----------------|-------------------------------------|----------------|--------------|
| Heater | Unit Heater- 1 Solarics Radiant Heaters Volts: 120 Natural gas 40,000 btu's | Baggage Makeup | Model: K-40DSAN Serial #: 0-5410 | Baggage Makeup | 2001 |
| Heater | Unit Heater- 2 Solarics Radiant Heater Volts: 120 Natural gass 40,000 btu's | Baggage Makeup | Model: K-40DSAN Serial #: 0-2360 | Baggage Makeup | 2001 |
| Heater | Unit Heater-3 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5411 | Baggage Makeup | 2001 |
| Heater | Unit Heater-4 Solaric Radiant Heater Volts: No T-stat Natural gas 40,000 btu's | Baggage make up | Model: K-40DSAN Serial #: 0-2345 | Baggage Makeup | 2001 |
| Heater | Unit Heater-5 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2346 | Baggage Makeup | 2001 |
| Heater | Unit Heater-6 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5419 | Baggage Makeup | 2001 |
| Heater | Unit Heater-7 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2355 | Baggage Makeup | 2001 |
| Heater | Unit Heater-8 Solaric Radiant Heater Volts: will not come on Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2343 | Baggage Makeup | 2001 |
| Heater | Unit Heater-9 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2350 | Baggage Makeup | 2001 |
| Heater | Unit Heater-10 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5412 | Baggage Makeup | 2001 |
| Heater | Unit Heater-11 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #:0-2354 | Baggage Makeup | 2001 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|----------------|-------------------------------------|----------------|--------------|
| Heater | Unit Heater-12 Solaric Radiant Heater Volts:120 Natural gas 40,000 btu's | Baggae makeup | Model: K-40DSAN Serial #: 0-2353 | Baggage Makeup | 2001 |
| Heater | Unit Heater-13 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2359 | Baggage Makeup | 2001 |
| Heater | Unit Heater-14 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5418 | Baggage Makeup | 2001 |
| Heater | Unit Heater-15 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5416 | Baggage Makeup | 2001 |
| Heater | Unit Heater-16 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-3241 | Baggage Makeup | 2001 |
| Heater | Unit Heater-17 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-4239 | Baggage Makeup | 2001 |
| Heater | Unit Heater -18 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5413 | Baggage Makeup | 2001 |
| Heater | Unit Heater -19 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-4240 | Baggage Makeup | 2001 |
| Heater | Unit Heater-20 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5415 | Baggage Makeup | 2001 |
| Heater | Unit Heater-21 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2357 | Baggage Makeup | 2001 |
| Heater | Unit Heater -22 Solaric Radiant Heater Volts: will not come on Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2242 | Baggage Makeup | 2001 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|---|----------------|-------------------------------------|----------------|--------------|
| Heater | Unit Heater-23 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2344 | Baggage Makeup | 2001 |
| Heater | Unit Heater -24 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5414 | Baggage Makeup | 2001 |
| Heater | Unit Heater-25 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2348 | Baggage Makeup | 2001 |
| Heater | Unit Heater-26 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2358 | Baggage Makeup | 2001 |
| Heater | Unit Heater-27 Solaric Radiant Heater Volts: will not come on Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-5417 | Baggage Makeup | 2001 |
| Heater | Unit Heater -28 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2352 | Baggage Makeup | 2001 |
| Heater | Unit Heater-29 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2356 | Baggage Makeup | 2001 |
| Heater | Unit Heater-30 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-4243 | Baggage Makeup | 2001 |
| Heater | Unit Heater-31 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2351 | Baggage Makeup | 2001 |
| Heater | Unit Heater-32 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2319 | Baggage Makeup | 2001 |
| Heater | Unit Heater -33 Solaric Radiant Heater Volts: 120 Natural gas 40,000 btu's | Baggage makeup | Model: K-40DSAN Serial #: 0-2347 | Baggage Makeup | 2001 |

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|---------------------------|--|--------------------|----------------|-------------|--------------|
| Heater | Unit Heater-34 T.P.I Corp. Volts: 240/1/60 | Room UA107 | | | 2001 |
| CAV BOX { 10 } x boxes | Mfg. Titus | Zone 1 Level 1 | | AHU-N1 | 2007 |
| CAV BOX { 10 } x boxes | Mfg. Titus | Zone 2 Level 1 | | AHU-N2 | 2007 |
| CAV BOX { 13 } x boxes | Mfg. Titus | Zone 1 & 2 Level 2 | | AHU-N3 | 2007 |
| CAV BOX { 13 } x boxes | Mfg. Titus | Zone 1 Level 2 | | AHU-N4 | 2007 |
| CAV BOX { 11 } x boxes | Mfg. Titus | Zone 2 Level 2 | | AHU-N5 | 2007 |
| CAV BOX { 14 } x boxes | Mfg. Titus | Zone 2 Level 1 | | AHU-N6 | 2007 |
| CAV BOX { 21 } x boxes | Mfg. Titus | Zone 3 & 4 Level 1 | | AHU-N7 | 2007 |
| CAV BOX { 11 } x boxes | Mfg. Titus | Zone 3 & 4 Level 2 | | AHU-N8 | 2007 |
| CAV BOX { 16 } x boxes | Mfg. Titus | Zone 3 & 4 Level 2 | | AHU-N9 | 2007 |
| CAV BOX { 6 } x boxes | Mfg. Titus | Zone 6 Level 2 | | AHU-N10 | 2007 |
| CAV BOX { 9 } x boxes | Mfg. Titus | Zone 5 Level 1 | | AHU-N13 | 2007 |
| CAV BOX { 9 } x boxes | Mfg. Titus | Zone 5 Level 2 | | AHU-N14 | 2007 |
| VAV BOX { 12 } x boxes | Mfg. Titus | | | AHU-S A1 | 2007 |
| VAV BOX { 9 } x boxes | Mfg. Titus | | | AHU-S A2 | 2007 |
| VAV BOX { 15 } x boxes | Mfg. Titus | | | AHU-S C1 | 2007 |
| VAV BOX { 18 } x boxes | Mfg. Titus | | | AHU-S C2 | 2007 |
| VAV BOX { 12 } x boxes | Mfg. Titus | | | AHU-S C3 | 2007 |
| CAV BOX { 13 } x boxes | Mfg. Titus | | | AHU-S C4 | 2007 |
| VAV BOX { 11 } x boxes | Mfg. Titus | | | AHU-S C5 | 2007 |
| VAV BOX { 13 } x boxes | Mfg. Titus | | | AHU-S C6 | 2007 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|------------|------------|----------------|-------------|--------------|
| CAV BOX { 16 } x boxes | Mfg. Titus | | | AHU-S C7 | 2007 |
| VAV BOX { 8 } x boxes | Mfg. Titus | | | AHU-S C8 | 2007 |
| FAN COIL UNIT 1 | Mfg. Titus | Zone 2 | | FCU-1 | 2007 |
| FAN COIL UNIT 2 | Mfg. Titus | Zone 2 | | FCU-2 | 2007 |
| FAN COIL UNIT 3 | Mfg. Titus | Zone 1 | | FCU-3 | 2007 |
| FAN COIL UNIT 4 | Mfg. Titus | Zone 1 | | FCU-4 | 2007 |
| FAN COIL UNIT 5 | Mfg. Titus | Zone 1 | | FCU-5 | 2007 |
| FAN COIL UNIT 6 | Mfg. Titus | Zone 1 | | FCU-6 | 2007 |
| FAN COIL UNIT 7 | Mfg. Titus | Zone 2 | | FCU-7 | 2007 |
| FAN COIL UNIT 8 | Mfg. Titus | Zone 2 | | FCU-8 | 2007 |
| FAN COIL UNIT 9 | Mfg. Titus | Zone 3 | | FCU-9 | 2007 |
| FAN COIL UNIT 10 | Mfg. Titus | Zone 3 | | FCU-10 | 2007 |
| FAN COIL UNIT 11 | Mfg. Titus | Zone 2 | | FCU-11 | 2007 |
| FAN COIL UNIT 12 | Mfg. Titus | Zone 2 | | FCU-13 | 2007 |
| FAN COIL UNIT 14 | Mfg. Titus | Zone 5 | | FCU-14 | 2007 |
| FAN COIL UNIT 15 | Mfg. Titus | Zone 5 | | FCU-15 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 1 | | EF-1 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 2 | | EF-4 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 4 | | EF-5 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 3 | | EF-6 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 1 & 2 | | EF-7 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 1 & 2 | | EF-8 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 2 | | EF-9 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 1 | | EF-10 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 4 | | EF-13 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 4 | | EF-14 | 2007 |
| EXHAUST FAN | Mfg. Titus | Zone 4 | | EF-15 | 2007 |

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IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC –Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------------|---|--|---|------------------------|--------------|
| Temptrol A/C unit | Temptrol A/C unit Volts: 460/3/60 HP: 5 | ITT Level | Model: WFD V9 Serial #: 74834 | ITT Level | 2007 |
| Smoke Evacuation System | Smoke Evacuation System mfg. Hartzell Volts: 460/3/60 HP: 50 | Garage rooftop | Model: 46H-36-HS03 Serial #: 7016-122 I.B.W562.HVAC5000 | T-A | 2001 |
| RAF-1A | RAF-1A HP/Volts: Hertz: 1.5/460/3/60 | NE Baggage Claim Ramp | | | 2001 |
| AHU-72A | T-A AHU-72-A Volts: 480 Filter: 4 16x25x2 Belts: 1-B-57 | T-A Pump Room | Model: York Serial #: I.B.W562.HVAC0430 | | 2001 |
| VAV BOX { 70 } X Boxes | Mfg. Metal Industries TA Variable Air Volume- | Ticket Level, Baggage, Mezz. VAV | Model No. Serial No. Data Not Available | Terminal A | 1992 |
| VAV BOX {36} Y Boxes | Mfg. Continental TA Variable Air Volume-X2 | Ticket Level, Baggage, Mezz. VAV | Model No. DDCVF10 Serial No. Data Not Available | Terminal A | 1982 |
| TA1 1401 | Exhaust Fan #1A | Concourse Mech Room #2 Fan | Model No. Data Not Available Serial No. Data Not Available | Terminal A Room 2 | 1982 |
| TA1 1402 | Exhaust Fan #2A | Concourse Mech Room #1 Fan | Model No. Data Not Available Serial No. Data Not Available | Terminal A Room 1 | 1982 |
| TA1 1 403 | Exhaust Fan #3A | Concourse Mech Room #4 Fan | Model No. Data Not Available Serial No. Data Not Available | Terminal A Room 4 | 1982 |
| TA1 1 404 | Exhaust Fan #4A | Concourse Mech Room #3 Fan | Model No. Data Not Available Serial No 7402 AM | Terminal A Room 3 | 1982 |
| TA1 1406 | Exhaust Fan #6A | Street Level SW Parking Office Fan | Model No. Data Not Available Serial No 7418 AM | Terminal A | 1982 |
| TA1 1408 | Exhaust Fan #8A | Basement Mechanical Room Fan | Model No. Data Not Available Serial No 88JO3260 | Terminal A Basement | 1982 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------|---|--|--|---------------------------------|--------------|
| TA1 1421 | Exhaust Fan #21A | Ground level Baggage Fan | Model No. Data Not Available Serial No 88JO3260 | Terminal A Ground | 1982 |
| TA1 1422 | Exhaust Fan #22A | Ground level Baggage Fan | Model No. Data Not Available Serial No 88JO3260 | Terminal A Ground | 1982 |
| TA1 1805 | Outside Air Handling Unit 5A | NE Con. Room AHU | Model No. Data Not Available Serial No.4088 T 00600 | Terminal A, Floor 2 Room CP1 | 1982 |
| TA1 1806 | Outside Air Handling Unit 6A | Con 2 AHU | Model No. Data Not Available Serial No.4088 T 00681 | Terminal A, Floor 2 | 1982 |
| OAPU-10A | Outside Air Handling Unit 10A | Train Repair Shop AHU | Model No. Data Not Available Serial No. Data Not Available I.B.W562.HVAC0431 | Terminal A | 1982 |
| TA1 1812 | Outside Air Handling Unit 12A | Baggage Area Fan | Model No. Data Not Available Serial No. Data Not Available | Terminal A, Floor 1 | 1982 |
| TA1 1813 | Fan Coil Unit #1 | Ground Level Command Center FCU | Model No. Data Not Available Serial No. Data Not Available | Terminal A | 1982 |
| TA1 1814 | Fan Coil Unit #2 | Ground Level Command Center FCU | Model No. Data Not Available Serial No. Data Not Available | Terminal A | 1982 |
| TA1 1815 | Fan Coil Unit #3 | Ground Level Command Center FCU | Model No. Data Not Available Serial No. Data Not Available | Terminal A | 1982 |
| TA1 3606 | Sump Pump 1 Mfg. Hydro-Matic Self Priming. | Train Tunnel Pump Room #1 | Model No. 30MP74 Serial No. 9262 | Terminal A, Tunnel Room 1 | 1997 |
| TA1 3803 | Sump Pump 2, 3 Mfg. Peabody Barnes, 2 HP. 1725 RPM Self Priming | Elevator Pit Train Tunnel Pump | Model No. 3SE22044L Serial No. N/A | Terminal A, Train | 1997 |
| AHU 2.5.4 | YORK AHU 7.5 hp | Terminal A APM Walkway rm. C212 | Model #XTI-054XFAJA046A Serial#AGVMXT003 I.B.W562.HVAC0309 | Terminal APM | 2011 |
| AHU 2.4.2 | YORK AHU 7.5 hp | Terminal A APM Walkway rm. C206 | Model #XTI-054XFAJA046A Serial#AGVMXT0031 I.B.W562.HVAC0308 | Terminal APM | 2011 |
| AHU 2.4.3 | YORK AHU 7.5 hp | Terminal A APM Walkway rm. C208 | Model #XTI-054XFAJA046A Serial#AGVMT0032 I.B.W562.HVAC0306 | Terminal APM | 2011 |

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IAH Equipment Lists

Terminal A RPM 34 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|------------------------------------|---|--------------------|--------------|
| AHU 2.3.1 | YORK AHU 7.5 hp | Terminal A APM Walkway rm. C202 | Model #XTI-054XFAJA046A Serial#AGVMXT0041 I.B.W562.HVAC0307 | Terminal APM | 2011 |
| OAHU 2.3.5 | YORK AHU 30 hp | Terminal A APM Walkway | Model #XTI-054XFAJA046A Serial#AGMXT0041 I.B.W562.HVAC0301 | Terminal APM | 2011 |
| OAHU 2.3.6 | YORK AHU 7.5 hp | Terminal A APM Walkway | Model #XTI-054XFAJA046A Serial#AGVMXT0042 I.B.W562.HVAC0302 | Terminal APM | 2011 |
| AHU 3.3.7 | YORK AHU 7.5 hp | Terminal A APM Walkway | Model #XTI-054XFAJA046A Serial#AGVMXT0030 I.B.W562.HVAC0409 | Terminal APM | 2011 |
| AHU-2.5.4 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094400157 | Terminal APM | 2011 |
| AHU-2.4.2 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094500703 | Terminal APM | 2011 |
| AHU-2.4.3 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094500702 | Terminal APM | 2011 |
| AHU-2.3.1 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094304257 | Terminal APM | 2011 |
| AHU-2.3.5 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094501544 | Terminal APM | 2011 |
| VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094501537 | Terminal APM | 2011 |
| AHU-3.3.7 VFD | ABB VFD VCR045A-4 | Terminal A APM Walkway | Model #VCR045-4 Serial#2094304254 | Terminal APM | 2011 |
| FCU M213 | FCU M213 YORK | Terminal A APM Walkway | | Terminal APM | 2011 |
| FCU M223 | FCUM223 YORK | Terminal A APM Walkway | | Terminal APM | 2011 |
| FCU M233 | FCUM233 YORK | Terminal A APM Walkway | | Terminal APM | 2011 |
| HEX-1 | HW Gen 1 Hot Water Generator Primary Water Secondary Water 220F Water In 130F Water In | Terminal A Basement | Model No. NA Serial No. NA | Building Heat | 2014 |
| HEX-2 | HW Gen 2 Hot Water Generator Primary Water Secondary Water 220F Water In 130F Water In | Terminal A Basement | Model No. NA Serial No. NA | Building Heat | 2014 |
| AHU 68-A | AHU 68A | Terminal A | I.B.W562.HVAC0408 | ITT Train Tunnel | |
| AHU AT2 NOT FOUND | AHU AT2 | Terminal A | NA | Ticket level SW | |
| IDF 1 NOT FOUND | IDF1 | Terminal A | IDF 1 | SE Mechanical room | |
| RTU 1 | Roof Top Unit | Terminal A ICE HOUSES | Mod. 39mw1400204LV12xcs Serial No.. 3710u26354 | NW wing | 2011 |

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Attachment "C"
IAH Equipment Lists

Terminal A RPM 34 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|---|---------------------------------------|---|------------------|--------------|
| RTU 2 | Roof Top Unit | Terminal A ICE HOUSES | Mod. 39mw1200204LT12xcs Serial No. 3710u26352 | NW wing | 2011 |
| AH-N12 | Air Handler unit N12 | Terminal A North Ramp rm. AN1.288M | Mod. 39MN30D0204LW44XGS Serial No. 3710U26413 I.B.W562.HVAC0390 | | 2011 |
| ABB VFD Drive | ABB VFD Drive AHU 12N | Terminal A AN1.288M | NA | | 2011 |
| WMAC BARD | Wall Mount Unit BARD | Terminal A | Mod. W24A1-C00XXXXXJ Serial No. 316K102728767-02 | NW Wing | 2011 |
| HEX-1 | Sellers Water Heater | Terminal A North Baggage Makeup | Mod. RBMW140-VT-880 Serial No. 11396 I.B.W562.WATR0020 | Terminal A North | 1998 |
| HEX-2 | Sellers Water Heater | Terminal A North Baggage Makeup | Mod. RBMW140-VT-880 Serial No. 11395 I.B.W562.WATR0019 | Terminal A North | 1998 |
| OAPU-AB-2 | Outside Air Handling Unit mfg. YORK | Terminal A baggage claim East | mod. AP150 ser. CEJM04585D I.B.W562.HVAC0258 | | |
| AHU-GA2 | Air Handling Unit mfg. YORK | Terminal A baggage claim East | mod. AP215 ser. CGCM12630D I.B.W562.HVAC0256 | | |
| FCU-AB-2 | Fan Coil Unit | Terminal A baggage claim East | I.B.W562.HVAC0257 | | |
| PHWP-AB-2 | Primary Hot Water pump for OAPU-AB-2 | Terminal A baggage claim East | Bell & Gossett ser. 2183559 I.B.W562.HVAC0256 | | |
| AHU-AB-2 VFD | mfg. ABB Variable Frequency Drive for AHU-AB-2 | Terminal A baggage claim East | mod.ACH580-VCR-052A-4+F267 ser.2201803677 | | |
| EF-PA2 | Exhaust Fan | Terminal A baggage claim East | mod. 245SQIB I.B.W562.HVAC0378 | | |
| EF-PA3 | Exhaust Fan | Terminal A baggage claim East | mod. 80SQ12D I.B.W562.HVAC0379 | | |
| EF-PA1 | Exhaust Fan | Terminal A baggage claim East | mod. 245SQIB I.B.W562.HVAC0410 | | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|---|--|---|--|--------------|
| EF-PA4 | Exhaust Fan | Terminal A baggage claim East | mod. 365SQIB I.B.W562.HVAC0411 | | |
| AIR COMPRESSOR | Air compresspr for Terminal A mfg. Curtis 15hp | Terminal A baggage claim East | ser. 24DZ12EA I.B.W562.HVAC0255 | | |
| AIR DRYER | Air dryer for Terminal A mfg. Hankinson | Terminal A baggage claim East | | | |
| OAPU-9A | Outside Air Handling Unit mfg. Carrier | Terminal A basement | ser. 4188t00608 I.B.W562.HVAC0426 | | |
| CHP-9 | Chill Water Pump | Terminal A basement | I.B.W562.HVAC0405 | | |
| AH-AITT-1 | Air Handling Unit mfg. Temtrol | Terminal A basement Subway maintenance area | mod. WF-DV15 ser. 74835 I.B.W562.HVAC0407 | | |
| AHU-GA1 | Air Handling Unit mfg. YORK | Terminal A baggage claim East | mod. AP250 ser. CKHM0737D I.B.W562.HVAC0322 | | |
| AHU-GA-1 VFD | mfg. ABB Variable Frequency Drive for AHU-GA-1 | Terminal A baggage claim East | mod.ACH580-01-034A-4 ser.2201803677 | | |
| PHWP-6 | Primary Hot Water pump for OAHU-6 | Terminal A baggage claim East | Bell & Gossett ser. I.B.W562.HVAC0323 | | |
| FCU-Subway A | FCU for Terminal A subway station motor controls | Subway Station Terminal A North side controls closet | N/A | Subway Station Terminal A North side controls closet | Not Known |

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IAH Equipment Lists

Terminal A RPM 34 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------|---|--|---|---------------------------------------|--------------|
| AH-AT1 | Air Handling Unit mfg. York | Terminal A ticket lobby NW corner behind Delta in Management conference room. | mod. AP-60 ser. CKLM-13475D I.B.W562.HVAC0253 | | 2002 |
| OAPU-6A | Outside Air Handling Unit mfg. York | Terminal A ticket lobby NW corner behind Delta in Management conference room. | mod. AP-35 ser. CKLM-13476D I.B.W562.HVAC0238 | | 2002 |
| EF-1A | Exhaust Fan | Terminal A ticket lobby NW corner behind Delta in Management conference room. | mod. I.B.W562.HVAC0413 | | |
| AH-30A VFD | Mfg. ABB 10hp. 480volt 3ph. | Terminal A Pump Room | Model No.ACH580 Serial No. 2201803710 | Terminal A basement | 2021 |
| CHP-9 VFD | Chill Water Pump VFD mfg. ABB | Terminal A basement pump room | mod.ACX-550 ser.2144501441 I.B.W562.HVAC0819 | | 2014 |
| OAPU-10A | Outside Air Handling Unit mfg. Carrier | Terminal A Subway Maintenance area ceiling | mod. ser. I.B.W562.HVAC | | 2002 |
| AH-70A VFD | Mfg. ABB 5hp. 480volt 3ph. | Terminal A Subway maintenance area | Model No.ACH580 Serial No. 2201803630 | Terminal A basement | 2021 |
| AH-AITT-1 VFD | Mfg. ABB 7.5hp 480volt 3ph. | Terminal A Subway maintenance area | Model No.ACH580 Serial No. 2201803628 | Terminal A basement | 2021 |
| AH-29A VFD | Mfg. ABB 2hp. 480volt 3ph. | Terminal A Subway maintenance area | Model No.ACH580 Serial No. 2201803709 | Terminal A basement | 2021 |
| Area Fans qty.(14) 30" | Big Ass Fan Company | Terminal A North Baggage Makeup | | Terminal A North | 2021 |
| Exhaust Fan EF-7 | Mfg. Acme, Centri Master Exhaust Fans. 5 H.P. 460/3/60 1200 C.F.M. 1725 RPM | Terminal A, North Baggage Make Up | Model No. #XB200/ No.N/A I.B.W562.HVAC0030 | Exhaust System For Baggage Make Up | 2001 |

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Attachment "C"

IAH Equipment Lists

Terminal B 6 Pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC Not in Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|--|---|---|--------------|
| AHU-1 | AHU-1 Majic Air HP: 7.5, 230/460 | Terminal B APM Station Room Elevator Contractor area | Model: 180-240-BMM Serial #: 98055T048 | NW concourse #5 I.B.W462.HVAC0001 | |
| AHU 41200055 B-25 | AH-55B Air Handling Unit Mfg. Recold 18,700 C.F.M 123,000 BTUH Heating 570,800 BTUH Cooling, 1.3 S.P. CW/175 G.P.M. 15 FT HD, HW/48 G.P.M. 5 FT HD | Terminal B Basement Mech. Room | Model No. Data Not Available Serial No. Data Not Available | Train Tunnel I.B.W462.HVAC0002 | 1987 |
| AHU 41200056 B-26 | AH-56T Air Handling Unit Mfg. Recold 16,600 C.F.M 40,000 BTUH Heating 480,000 BTUH Cooling, 1.2 S.P. CW/87 G.P.M. 15 FT HD, HW/6 G.P.M. 5 FT HD | Terminal B Train Tunnel GL at old ITT parking stop | Model No. AV 334 Serial No. D-9969 | Train Tunnel E-2 stairwell I.B.W462.HVAC003 | 1987 |
| AHU 41200069 B-34 | AH-69T Air Handling Unit Mfg. Recold 7,175 C.F.M 25,400 BTUH Heating 185,115 BTUH Cooling, 2 S.P. CW/37 G.P.M. 15 FT HD, HW/2.6 G.P.M. 10 FT HD | Terminal B Train Tunnel GL | Model No. AV140 Serial No. C-24725 | Train Tunnel E-4 Stairwell I.B.W462.HVAC0004 | 1987 |
| AHU-70T | AHU-70T Air Handling Unit Mfg. Recold C.F.M. 8,650; H.P. 7.5 | Tunnel Between Terminal B & Marriott Hotel | Model No. AV-159 Serial No. D-24724 | Train Tunnel E-6 Stairwell I.B.W462.HVAC005 | 1987 |
| Air handling unit | AHU-67-B Mfg. York | Terminal B Ceiling | | Terminal B Pump Room I.B.W462.HVAC0006 | |
| EFB141400052 B-48 | EF-15B Exhaust Fan Mfg. Clarage Corporation 7,000 C.F.M. ½ S.P. | Terminal B Basement Mech. | Model No. LS 49 Serial No. Data Not Available | Ventilation | 1987 |

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IAH Equipment Lists

Terminal B 6 Pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|---------------------|---|---------------------------|--------------|
| HWC145200005 B-65 | #1B Hot Water Generator Primary Water Secondary Water 432 G.P.M. 2714 G.P.M. 25 FT HD 20 FT HD 300F Water In 50F Water In 170F Water Out 140F Water Out pumps: Bell & Gossett ¼ hp 120 volts | Terminal B Basement | Model: M74792 | Terminal B Domestic Water | 1987 |
| HCW145200006 B-66 | #2B Hot Water Generator Primary Water Secondary Water 462 G.P.M. 1200 G.P.M. 25 FT HD 20 FT HD 300F Water In 140F Water In 170F Water Out 190F Water Out 120 volts | Terminal B Basement | Model: M74792 | Terminal B Kitchen | 1987 |
| HWC145200007 B-62 | #3 Mfg. Bell & Gossett Hot Water Generator Primary Water Secondary Water 100 G.P.M. 600 G.P.M. 25 FT HD 20 FT HD 300F Water In 160F Water In 180F Water Out 180F Water Out ½ Hp 120 volt | Terminal B Basement | Model No. Data Not Available Serial No. Data Not Available | Terminal B Heating | 1987 |
| HWC145200008 B-63 | #4 Mfg. Bell & Gossett Hot Water Generator Primary Water Secondary Water 100 G.P.M. 600 G.P.M. 25 FT HD 20 FT HD 300F Water In 160F Water In 180F Water Out 180F Water Out ½ hp 120 volts | Terminal B Basement | Model No. Data Not Available Serial No. Data Not Available | Terminal B Heating | 1987 |
| HWC145200009 B-83 | Converter #2 Hot Water Primary Water Secondary Water 100 G.P.M. 600 G.P.M. 25 FT HD 20 FT HD 300F Water In 160F Water In 180F Water Out 180F Water Out | Terminal B Basement | Model No. Data Not Available Serial No. Data Not Available | Terminal B Heating | 1987 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|-----------------------------------|---|--|--------------|
| HCW145200010 B-64 | HW Gen #5 Hot Water Generator Primary Water Secondary Water 2 G.P.M. 12 G.P.M. 10 FT HD 300F Water In 160F Water In 180F Water Out 180F Water Out | Terminal B Basement | Model No. Data Not Available Serial No. Data Not Available | Tunnel Heating Central | 1987 |
| PMP 43200039 B-81 | Pump, Inline #5 Mfg. Bell & Gosset ¼ H.P. – 120/1/60 | Terminal B Ground Level | Model No. Data Not Available Serial No. Data Not Available | Heating in Terminals | 1987 |
| PMP 43200040 B-80 | Pump, Inline Mfg. Gorman – Pump 5 H.P. – 460/3/60 | Terminal B Ground Level | Model No. Data Not Available Serial No. Data Not Available | Sump Pump | 1987 |
| PMP 43200043 B-67 | Domestic Hot Water Pump #1B Water – 40 G.P.M., 40 HD Bell & Gossett ¾ hp | Terminal B Basement Mech. Room | Model No. 74792 Serial No. Data Not Available | HW Circulator | 1987 |
| PMP 43200044 B-68 | Domestic Hot Water Pump #2B Water – 10 G.P.M., 70 FT HD A&G | Terminal B Basement Mech. Room | Model No. 74792 Serial No. Data Not Available | Kitchen HW Circulator | 1987 |
| DHWP-3 | DHWP-3 Domestic Hot Water Pump Mfg. Gouins ¾ hp 208/460/30 | Terminal B Basement | Model No. Data Not Available Serial No. BT-10-055 | Terminal B I.B.W462.HVAC0018 | 2005 |
| DWHP-4 | DHWP-4 Domestic Hot Water Pump Mfg. Gouins ¾ hp 208/460/30 | Terminal B Basement | Model No. Data Not Available Serial No. BU3-20 | Terminal B I.B.W462.HVAC0019 | 2005 |
| PMP 43200053 B-69 | Chill Water Circulating Pump #P5 Mfg. Lincoln Motor Fr. 364T, 60hp, 1780 rpm, w/ Coyote drive | Terminal B Basement Mech. Room | Model No. CCS4P60T61Y Serial No. Data Not Available | Terminal B AHUS I.B.W462.HVAC0059 | 1987 |
| PMP 43200050 B-70 | Chill Water Circulating Pump #P6 Mfg. Lincoln FR- 364T HP 60, RPM-1780 230/460 4-5vx-810 belts coyote drive | Terminal B Basement Mech. Room | Model No. CCS4P60OT61Y Serial No. Data Not Available | Terminal B AHUS I.B.W462.HVAC0058 | 1987 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------------|---|--|---|--|--------------|
| P-7 | Hot Water Circulating Pump #P7 Mfg. Buffalo Water – 400 G.P.M., 30hp, 1750 rpm, 3-50x710 belts : Lincoln motor, hp30,1760rpm, 230/460/30 Vfd. coyote drive | Terminal B, Basement, Mech. Room | Model No. 4 HSM 4X5 Serial No. 0043169-6-001 | Terminal B AHUS I.B.W462.HVAC0063 | 1987 |
| CHWP-7 VFD | Chill Water Circulating Pump #P7 Mfg.ABB | Terminal B Basement Mech. Pump Room | Model No.ACH550-VDR-045A-4 Serial No.2161301701 | Terminal B CHWP I.B.W462.HVAC0071 | |
| PMP 43200051 B-72 P-8 | Hot Water Circulating Pump #P8 Mfg. Buffalo Water –400 G.P.M., 90 FT HD, 30hp Lincoln Motor 30hp, 1760 rpm, 400 w. Coyote drive | Terminal B Basement Mech. | Model No. 4 HSM 4X5 Serial No. 00431696-002 | Terminal B AHUS I.B.W462.HVAC0064 | 1987 |
| HWCP-8 VFD | Hot Water Circulating Pump #P8 Mfg.Coyote Drive | Terminal B Basement Mech. Pump Room | Model No. Serial No. | Terminal B HWCP I.B.W462.HVAC0074 | |
| PMP 43200062 B-79 | Pump, Inline #P9 Water – 10 G.P.M., 25 FT HD | Terminal B Ground Level PR2 | Model No. Data Not Available Serial No. Data Not Available | Hot Water Circulator | 1987 |
| Air Compressor | Air Compressor Mfg. Ingersoll Rand 220/460/30 2hp | Terminal B Pump Room | Model: 234 Serial #: 276615 | | |
| Chill Water Pump | Chill Water Pump #10 Lincoln motor Fr. 364 t 1780 rpm, 230/460/30 4-5ux 810- belts w/ Coyote drive model: easy 6-1375- 1375 swv serial : P83-42-PLO-601 | Terminal B Pump Room | Model: CCS4P60T61Y | | |
| CHWP-10 VFD | Chill Water Circulating Pump #P10 Mfg.ABB | Terminal B Basement Mech. Room Pump Room | Model No.ACH550-VDR-045A-4 Serial No.2142400617 | Terminal B CHWP I.B.W462.HVAC0070 | |
| Ground Water Pump | Ground Water Pump #1 3 hp, verticals 460/30 | Terminal B Pump Room | | | |
| Ground Water Pump | Ground Water Pump #2 3 hp, verticals 460/30 | Terminal B Pump Room | | | |

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Attachment "C"

IAH Equipment Lists

Terminal B 6 Pages

C.F.M. – Cubic Feet Per Minute G.P.M.. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC Not in Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|--|--|--------------------------------------|--------------|
| AHU-B-2 | AHU-B-2 Mfg. Carrier 480/30 | Terminal B APM Station Area | Model: 39TS26H-C-R-22 Serial #: 1898V51404 | APM Station I.B.W462.HVAC0032 | |
| AHU-B1 | AHU-B1 Mfg. Carrier 480/70 Filters: 15 16x20x2 5 16x25x2 Belts: 2 bx 63 belts | Terminal B APM station Card Reader B-2026 | Model: 39-T-H26-BA Serial #: 1898F-41-029 | I.B.W462.HVAC0031 | |
| AHU-B3 | AHU-B3 Mfg. Carrier 3 hp, 480/30 | Terminal B APM Station Area | Model: 397H07 Serial #: 15334 | APM Station I.B.W462.HVAC0033 | |
| oapu-9b | Outside Air Pick-up Unit Mfg. Carrier C.F.M. 3,600; H.P. 3; 460/3/60 | Terminal B, Basement Below Baggage | Model No. 39LA1101BA1111R Serial No. 4188 T 00616 | AH-55B I.B.W462.HVAC0034 | 2005 |
| Sump Pump 1 | Ground water pumps | Terminal B ITT lower mechanical room under elevator | Model: Not available | room | |
| Sump pump 2 | 110 volts | | | | |
| AHUBSITT-1 | Temptrol AHU 460/30 2) 20x20x2, 2) 16x20x2 | Terminal B | Model: WFDV9 Serial: 748.37 | Room I.B.W462.HVAC0029 | |
| TB-1-3605 | Ground water sumps Hydro-matic, 3hp, 230/460 30, 2-3ux- 275-Belts | ITT A-B Stair case (under) | Model: 30MR Serial: 14279 | Tunnel | |
| TB-1 | Ground water pump Gorman rupp | Terminal B ITT tunnel mechanical room under outside staircase at b area | Model: T3-A3-B Serial: 673093 | | |
| #1 | Ground water pump Gorman rupp 1hp, 1725 rpm, 2)3U375-belts | Terminal B Staircase 6 East of hotel | Model: 11-1/2 A3-B Serial: 1200270 | Room | |
| #7A | Ground water pump Vertical N.I.A | Staircase 7 (C parking) key cc2 | N.I.A | | |
| #7B | Crown 1 hp, 1725 rpm, 230/460 30 | Staircase 7 (C parking) key cc2 | Model: B-12 Serial: 505406-1094 | | |
| N.I.A. | 2-vertical sump pumps 1hp 230/460/30 | Staircase Parking C1 | N.I.A | | |

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IAH Equipment Lists

Terminal B 6 Pages

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC Not in Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|---|---|--|---|--------------|
| 1 N.I.A | Groundwater pump vertical | Stairwell 9 | Model: Serial: N.I.A | | |
| Pump 12 | Veritcal Ground Water Pumps 1hp, 1725 230/460 | Stairwell 10 | Peerless 455363 S# | | |
| Pump 13 | 1hp, 1725 rpm, 230/460 30 | | Peerless N.I.A | | |
| FCU #9 | FCU 110 volts 1 washable filter 16x30 | Terminal B Elevation machinre R. | N.I.A | | |
| Package unit APM Radio | (5 ton) Pkg Unit Retired in place Has a new Carrier Mini Split | Terminal B | Model# TSC36A4EOA Serial # 613101246C | Terminal b 3rd level Garage | |
| Compu Aire ACU 4 | Compu Aire Sub Floor Cooling | Terminal B | Mod. CKC-334-III Ser. CK98-005-8609 | APM Control Center Sub Floor I.B.W462.HVAC0055 | |
| Compu Aire | Compu Aire Sub Floor Cooling | Terminal B | Mod. CKC-334-III | APM Control Center Sub Floor | |
| Liebert Unit | Liebert Hanging unit | Terminal B Basment MDF room | Mod. VH075A-ASEI | Basement MDF Room | |
| ACU-1 | Compu Aire | Terminal B APM ATO rm. | | | |
| ACU-2 | Compu Aire | Terminal B APM UPS room B105 | | | |
| HWP-1 | Hot water pump mfg. Taco 40HP | Terminal B Basment Pump room | mod.KS4007AE2MGA738M | I.B.W462.HVAC0061 | 2009 |
| HWP-2 | Hot water pump mfg. Taco 40HP | Terminal B Basment Pump room | mod.KS4007AE2MGA738M | I.B.W462.HVAC0062 | 2009 |
| HWP-1 VFD | Hot water pump mfg. ABB | Terminal B Basment Pump room | mod.ACH550-PDR-059A-4 | I.B.W462.HVAC0072 | |
| HWP-2 VFD | Hot water pump mfg. ABB | Terminal B Basment Pump room | mod.ACH550-PDR-059A-4 ser.2124000493 | I.B.W462.HVAC0073 | |
| FCU-Subway B1 | FCU for Terminal B subway station motor controls | Subway Station Terminal B North side controls closet | N/A | Subway Station Terminal B North side controls closet | Unknown |
| FCU-Subway B2 | FCU for Terminal B subway station motor controls | Subway Station Terminal B South side controls closet | N/A | Subway Station Terminal B South side controls closet | Unknown |
| FCU-Subway Pipe Chase | mfg. McQuay-Perfex 115volts,1ph,60hz, 1/4hp. | FCU for Marriot Hotel subway station motor controls | mod. SHD-121A ser.4JM4141201 | Marriot Hotel pipe chase subway station motor controls area | 1979 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--|---|--|--------------|
| Air Dryer | Air Dryer #1 Hankinson Corporation 115/1/60 | Terminal C Basement Room 0100 | Model No. HPR25 Serial No. H025A1150308002 I.B.W272.HVAC0053 | Pneumatic Control System | 2011 |
| AHU-5 | Air Handling Unit #5 Mfg. YORK 3,000 C.F.M. 332,000 BTU Heating 105,000 BTU Cooling, 1.8 S.P. HW/3.2 G.P.M. 2' HD, CW/21 G.P.M. 4' HD | Terminal C North Basement ELEC.VAULT rm.0100 | Model No. Serial No. 2CVMXT0009 | Switch Gear | 1997 |
| AHU-8 | Air Handling Unit #8 Mfg. Carrier 21,000 C.F.M. 680,000 BTU Heating 1.030,000 BTU Cooling, 2.95 S.P. HW/75 G.P.M. 10' HD, CW/206 G.P.M. 15' HD | Terminal C Ground Level Between C & Hotel On Top of Stairwell | Model No. 39ED39 Serial No. 792888592 I.B.W272.HVAC0378 | Train Tunnel | 1997 |
| OAPU-14NEC | Air Handling Unit #15 Mfg. Trane 20 hp, 480 volts, 2-24x20x2, 6-24x24x2, 8-4", 36 charcoal filters, 2 belts with Coyote Drive | Terminal C North Roof East Penthouse | Model No. MCCB035UA0B0UB Serial No. K04E70868 I.B.W272.HVAC0082 | Supplies Outside Air to AHU 14, 15, 16, 17, 18, 19, 20, 23, 24 | 1997 |
| OAPU-14NEC VFD | Yaskawa VFD | Terminal C North Roof East Penthouse | ser.1W1092630970003 | Supplies Outside Air to AHU 14, 15, 16, 17, 18, 19, 20, 23, 24 | 1997 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|--|---|---|--|--------------|
| OAPU-15 | Air Handling Unit #15 Mfg. Trane 20 hp, 480 volts, 2-24x20x2, 6-24x24x2, 8-4", 36 charcoal filters, 2 belts with Coyote Drive | Terminal C North Roof East Penthouse | Model No. MCCB035UA0B0UB Serial No. K04E70587 I.B.W272.HVAC0082 | Supplies Outside Air to AHU 14, 15, 16, 17, 18, 19, 20, 23, 24 | 1997 |
| AHU-16 | Air Handling Unit #16 Mfg. Trane 40hp, 480 volts, 4-16x25x2, 20-20x25x2, uv lights, 3-5ux 780 | Terminal C North Roof East Penthouse | Model No. MCCB050UA0B0UA Serial No. K04E70781 I.B.W272.HVAC0083 | Restaurant and Kitchen West Side East Concessions | 1997 |
| AHU-17 | AHU-17 Mfg. Carrier 25hp, 460 volts, 4-24x24x2 8-20x24x2 3 bx 85 belts | Terminal C North West Penthouse | Model: 39EB39 Serial: 791188589 I.B.W272.HVAC0086 | North West Penthouse | |
| OAPU-17 VFD | Yaskawa VFD | Terminal C North Roof East Penthouse | ser.4W1092830320003 | Supplies Outside Air to AHU 14, 15, 16, 17, 18, 19, 20, 23, 24 | 1997 |
| AHU-18 | AHU-18 40hp, 24045cfm, 460/60/3 filters: 12-20x20x2 3-16x20x2 3 belts uv light | Terminal C North West Penthouse | Model: Serial: I.B.W272.HVAC0088 | Northwest Penthouse | |
| AHU-19 | Air Handling Unit #19 Mfg. Trane 20hp, 480 volts 8-20x.20x2 2-BP-56 | Terminal C North Roof West Penthouse | Model No. MCCB021UA050UB Serial No. K03L6208A I.B.W272.HVAC0087 | North West Penthouse | 1997 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|--|---|--|--|--------------|
| AHU-20 | AHU-20 Mfg. Trane 12660cfm, 25hp, 460/60/3 filters: 12-20x20x2 4-20x25x2 | Terminal C Loading Dock Mechanical Room CN112M | Model: MCCB030 Serial: K04E70848 I.B.W272.HVAC0295 | Old United Operations | |
| AHU-23N | AHU-23N Mfg. Trane 4670cfm, 3hp, 460/60/3\ Vfd. Bx 28 1 ea, full load amps 4.8 | Terminal C Northside Loading dock rm.CNE117M | Model: MCCB010 Serial: K03G01828A | | |
| AHU-IDFN640 | Trane AHU | Terminal C North loading dock rm.CNE117M | ser. K03G01820A I.B.W272.HVAC0321 | IDF rm. C-1026 | |
| AIR COMPRESSOR | Air Compressor Products | Terminal C North loading dock rm.CNE117M | E43131605 I.B.W272.HVAC0046 | | |
| AIR DRYER | Hankinson air dryers | Terminal C North loading dock rm.CNE117M | H015A1150308045 I.B.W272.HVAC0045 | | |
| ACU-3 | Compuaire stand alone | Terminal C Skyway ATO room | | ATO Room | |
| AHU-26 | AHU-26 Mfg. Trane 23720cfm, 40hp, 460/60/3 filters: 20-20x25x2 4-16x25x2 uv light belts: 5UX780 3 ea | Terminal C North Concourse Under gate D1 Mechanical Room D173M | Model: MCCB050 Serial: K04E I.B.W272.HVAC0316 | | |
| AHU-26A | AHU-26A Mfg. Trane 10900cfm, 20hp, 460/60/3 filters: 6-24x24x12 Vfd. 2 ea. 5uv1060 belt | Terminal C North Concourse Under gate D1 Mechanical Room D173M | Model: MCCB025 Serial: K04E70595 I.B.W272.HVAC0318 | | |
| AHU-29 | Air Handling Unit #29 Mfg. YORK 3,000 C.F.M. 81,000 BTU Cooling 1.25 S.P. CW/23 G.P.M. 4' HD | Terminal C Basement North Mechanical Room Room 0100 | Model No. Serial No. 2CVMXT0007 I.B.W272.HVAC0078 | Terminal C Basement North Mechanical Room | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|---|---|---|---|--------------|
| AHU-IDF901 | AHU-IDF-N901 Mfg. Trane 4350cfm, 5hp, 460/60/3 1-belt, uvlight | Terminal C Link under gate D1 rm.C173M | Model: Serial No. I.B.W272.HVAC0317 | | |
| AHU-IDF-3N400 | AHU-IDF-3N400 Mfg. Trane 2hp, 480 volts, 1-20x24x2, 1- bx 42, uv light | Terminal C Northwest Penthouse | Model: MCCB0030A0B00B Serial: K041-83960 | Northwest Penthouse | |
| AHU-C1 | AHU-C-1 Mfg. Carrier 20 hp, 480 volts, STAND ALONE System | Terminal C North Concourse Mechanical Room | Model: Serial: 1898F41016 I.B.W272.HVAC0300 | APM Train Terminal C | |
| AHU-C2 | AHU-C 2 Mfg. Carrier 20 hp STAND ALONE System | Terminal C North Concourse Mechanical Room | Model: Serial: 1898F41031 I.B.W272.HVAC0286 | APM Train Terminal C | |
| AHU-C3 | OAHU- C 3 Mfg. | Terminal C North Concourse | Model: MCCB030 Serial: K04E7144 I.B.W272.HVAC0296 | APM Train Terminal C | |
| AHU-EV1 | AHU-EV-1 Mfg. Trane 1720rpm | Terminal C basement Electrical Vault Cooling rm. C0072M | Model: AP120 Serial: CMMM24821D I.B.W272.HVAC0061 | | |
| AHU-EV2 | AHU-EV-2 Mfg. Trane 1720rpm | Terminal C basement Electrical Vault Cooling rm. C0072M | Model: AP120 Serial: CMMM24821D I.B.W272.HVAC0060 | | |
| CHP-EV1 | Chill water pump Wattsaver 1.5hp | Terminal C basement Electrical Vault Cooling rm. C0072M | mod.C145T17DB32E I.B.W272.HVAC0059 | | |
| FCU-EV1 | FCU-EV1 Mfg. York | Terminal C basement Electrical Vault Cooling rm. C0072M | I.B.W272.HVAC.0057 | | |
| EF-12 | Exhaust Fan #12 Mfg. Greenheck Corporation 3360 C.F.M.'S @ ¼" S.P. | Terminal C Concourse Penthouse | Model No. SBN 2410 Serial No. 519950 | Services N. Concourse – Penthouse Mech. Room | 1997 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|---------------------------------------|--|---|--------------|
| EF-11 | Exhaust Fan #11 Mfg. Greenheck Corporation 3380 C.F.M.'S @ 3/8" S.P. | Terminal C Penthouse Mech. Room | Model No. SBN 2410 Serial No. 519949 | N. Concourse – Penthouse Mech. Room | 1997 |
| EF-1 | Exhaust Fan #1 Mfg. Greenheck Corporation 3380 C.F.M. ¾ S.P. | Terminal C Penthouse West | Model No. SPW 3015 Serial No. 611514 I.B.W272.HVAC0314 | Terminal C Penthouse (Kitchen Exhaust) | 1997 |
| EF-14 | Exhaust Fan #14 Mfg. Greenheck Corporation 2940 C.F.M. @ ½" S.P. | Terminal C Roof – North Concourse | Model No. GBE 24-5 Serial No. 589533 I.B.W272.HVAC0389 | North Concourse Elevator Shaft | 1997 |
| EF-7 | Exhaust Fan #N7 Mfg. Greenheck Corporation 750 C.F.M. /2 ¼" S.P. | Terminal C Roof – East Wing | Model No. GBE 184 Serial No. 519955 I.B.W272.HVAC0311 | North Concourse East Wing Restroom | 1997 |
| EF-6 | Exhaust Fan #N6 Mfg. Greenheck Corporation 750 C.F.M. @ ¼" S.P.. | Terminal C Roof – East Wing | Model No. GBE 184 Serial No. 519954 I.B.W272.HVAC0312 | North Concourse East Wing Restroom | 1997 |
| EF-5 | Exhaust Fan #N5 Mfg. PENN Ventilator 900 C.F.M. @ 3/8" S.P. | Terminal C Roof North Concourse | Model No. GBE-184 Serial No. 519953 I.B.W272.HVAC0310 | North Concourse Restroom | 1997 |
| EF-2 | Exhaust Fan #N2 Mfg. Greenheck Corporation 1600 C.F.M. @ 3/8" S.P. | Terminal C Roof North Concourse | Model No. GB-10-4 Serial No. 646032 I.B.W272.HVAC0390 | North Concourse North Gate Restrooms | 1997 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|---|--|---|-------------------------|--------------|
| HEX-1 | Heating Hot Water Gen. #1 Mfg. Armstrong Heat/Store Packaged Water Heater) Maximum Working Pressure – 125 PSI shell; 150 PSI Tubes; Maximum Working Temp. –375F Shell; (350)F Tubes; 1864 G.P.M., Tank Size 72” x 10’; Recovery 3900 GPH; Temp. Rise 60 to (140)F; Primary High Inlet Water Temp: (300)F; Primary Water Temp. Outlet: 260F | Terminal C Basement Mechanical Room Room 0100 | Model No. W3T307-422-5 Serial No. 486973 I.B.W272.HVAC0068 | Building Heating System | 2003 |
| HEX-2 | Heating Hot Water Gen. #2 Mfg. Armstrong Co. Inc. (Horiz., Heat/Store Packaged Water Heater) Maximum Working Pressure: 150 PSI Shell; 300 PSI Tubes; Maximum Working Temp: 212F Shell; 375F Tubes; 1864 G.P.M., Tank Size: 54” x 10’ Recovery: 3900 GPH Temperature Rise: 140 to 180F Primary High Inlet Water Temp: 300F Primary Water Temp. Outlet: 260F | Terminal C Basement Room 0100 | Model No. W3T307-422-5- Serial No. 486971 I.B.W272.HVAC0069 | Building Heating System | 2003 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------------|---|-------------------------------------|---|---|--------------|
| HEX-3 | Heating Hot Water Gen. #2 Mfg. Armstrong Co. Inc. (Horiz., Heat/Store Packaged Water Heater) Maximum Working Pressure: 150 PSI Shell; 300 PSI Tubes; Maximum Working Temp: 212F Shell; 375F Tubes; 1864 G.P.M., Tank Size: 54" x 10' Recovery: 3900 GPH Temperature Rise: 140 to 180F Primary High Inlet Water Temp: 300F Primary Water Temp. Outlet: 260F | Terminal C Basement Room 0100 | Model No. W3T307-422-5- Serial No. 486972 I.B.W272.HVAC0070 | Building Heating System | 2003 |
| Domestic Hot Water Gen. #1 | Domestic Hot Water Gen. #1 Mfg. PIV 400 gallon tank, recovery rate gph @ 40f-140f- 2523 btu- 2,091,000, boiler water temperature 300/250f, boiler water flow-gpm 91.8.;120/1/60 | Terminal C Basement Room 0100 | Model No. 2800P400A-QWD Serial No. 0803110937 | Domestic Hot Water Terminal C 140 degrees | 2005 |
| Domestic Hot Water Gen #2 | Domestic Hot Water Gen. #2 Mfg. PIV 400 gallon tank, recovery rate gph @ 40f-140f- 2523 btu- 2,091,000, boiler water temperature 300/250f, boiler water flow-gpm 91.8./120/1/60 | Terminal C Basement Room 0100 | Model No. 2800P400A-QWD Serial No. 0803110936 | Domestic Hot Water Terminal C 140 degrees | 2005 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------------|--|-------------------------------------|---|---|--------------|
| Circulating Pump | Hot water circulating pump Mfg: Marathon ½ hp 1725 rpm, 220/3/60 | Terminal C Basement Room 0100 | Model No. Serial No. | Domestic Hot Water Terminal C 140 degrees | 2005 |
| Domestic Hot Water Gen #3 | Domestic Hot Water Gen. #3 Mfg. PIV 400 gallon tank, recovery rate gph @ 3920 btu- 3,924,000, boiler water temperature 300/250f, boiler water flow-gpm 91.8./ 120/1/60 | Terminal C Basement Room 0100 | Model No. 6000P400A Serial No. 0803110936 | Food court hot water 140 degrees | 2005 |
| Domestic Hot Water Gen. #4 | Domestic Hot Water Gen. #4 Mfg. PIV 400 gallon tank, recovery rate gph @ 3920 btu- 3,924,000, boiler water temperature 300/250f, boiler water flow-gpm 91.8./ 120/1/60 | Terminal C Basement Room 0100 | Model No. . 6000P400A Serial No. 0803110935 | Food court hot water 140 degrees | 2005 |
| Circulating Pump | Hot water circulating pump Mfg: Marathon ½ hp 1725 rpm, 220/3/60 | Terminal C Basement Room 0100 | Model No. Serial No. | Domestic Hot Water Terminal C 180 degrees | 2005 |
| HWP-1 | Hot Water Pump #1 Mfg. Aurora 1250 G.P.M. 146' HD Heating 75HP, 1750RPM, 460/3/60 BELT DRIVEN VFD DRIVE | Terminal C Basement Room 0100 | Model No. 411BF Serial No. I.B.W272.HVAC077 | Heating Hot Water Loop | 2005 |
| VFD HWP#1 Yaskawa | Hot Water Pump #1 VFD Yaskawa | Terminal C Basement Room 0100 | | | 2016 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------|--|-------------------------------------|--|------------------------|--------------|
| HWP-2 | Hot Water Pump #2 Mfg. Aurora 1250 G.P.M. 146' HD Heating 75HP, 1750RPM, 460/3/60 BELT DRIVEN W/COYOTE VFD DRIVE | Terminal C Basement Room 0100 | Model No. . 411BF Serial No. I.B.W272.HVAC0076 | Heating Hot Water Loop | 2005 |
| HWP-3 | Hot Water Pump #3 Mfg. Aurora 1250 G.P.M. 146' HD Heating 75HP, 1750RPM, 460/3/60 BELT DRIVEN W/COYOTE VFD DRIVE | Terminal C Basement Room 0100 | Model No. . 411BF Serial No I.B.W272.HVAC0075 | Heating Hot Water Loop | 2005 |
| CWP-1 | Chill Water Pump #1 Mfg. Aurora 3470 G.P.M. 115' HD Cooling 150HP, 1750RPM, 460/3/60 BELT DRIVEN VFD DRIVE | Terminal C Basement Room 0100 | Model No 411BF Serial No. I.B.W272.HVAC0067 | Chilled Water Loop | 2005 |
| CWP-1 VFD | Yaskawa Z1000 VFD 150 Hp Drive | | ser# 4W0962371400001 | | |
| CWP-2 | Chill Water Pump #2 Mfg. Aurora 3470 G.P.M. 115' HD Cooling 150HP, 1750RPM, 460/3/60 | Terminal C Basement Room 0100 | Model No. 411BF Serial No. | Chilled Water Loop | 2005 |
| CWP-2 VFD | Yaskawa VFD 150 Hp Drive | | ser# 4W141546950001 | | |
| CWP-3 | Chill Water Pump #3 Mfg. Aurora 3470 G.P.M. 115' HD Cooling 150HP, 1750RPM, 460/3/60 | Terminal C Basement Room 0100 | Model No. 411BF Serial No. | Chilled Water Loop | 2005 |

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Attachment "C"

IAH Equipment Lists

Terminal C 14 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------------|---|---|--|-------------------------------|--------------|
| CWP-3 VFD | ABB VFD 150 Hp Drive | | | | |
| Pump # 1 Domestic Water | DWP- # 1 Hp 10, 3200 rpm Baldor Motor Volts: 230/460 Full load amps: 96/103 | Terminal C Pump Room Room 0100 | Model: VH440-231 Paco I.B.W272.HVAC0062 | Terminal C, domestic water | |
| Pump # 2 Domestic Water | DWP- # 2 Hp 20, 3200 rpm Baldor Motor Volts: 230/460 Full load amps: 96/103 | Terminal C Pump Room Room 0100 | Model: VH440-231 Paco I.B.W272.HVAC0063 | Terminal C, domestic water | |
| Pump # 3 Domestic Water | DWP- # 3 Hp 20, 3200 rpm Baldor Motor Volts: 230/460 Full load amps: 96/103 | Terminal C Pump Room Room 0100 | Model: VH440-231 Paco I.B.W272.HVAC0064 | Terminal C, domestic water | |
| Pump #1 VFD Domestic Water | Yaskawa VFD Hp Drive | | ser#4W0982413050001 | | |
| Pump #2 VFD Domestic Water | Yaskawa VFD Hp Drive | | ser#4W0982413080001 | | |
| Pump #3 VFD Domestic Water | Yaskawa VFD Hp Drive | | ser#4W0982413080002 | | |
| WATER TANK | DWP tank with clay valves and high/low water alarms 15000 gallons | Terminal C Basement Room 0100 | Serial #: 3898 | | |
| | Control Air Mfg. Air compressor products Compressor #1 Twin Comp. {2} 15hp baldor motors, 460/3/60 1760 rpm, w 300 gallon tank | Terminal C Basement Room 0100 | Model No. C7615240P3 Serial No. 1103D5319 | Control Air to Terminal C | 2016 |
| EXPTANK-1 | Expansion tank Mfg: Extrol | Terminal C Basement Room 0100 | Model No. Serial No. 10130 I.B.W272.HVAC0074 | Hot water system | 1978 |

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Attachment "C"

IAH Equipment Lists

Terminal C 14 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|-------------------------------------|---|------------------|--------------|
| EXPTANK-2 | Expansion tank Mfg: Manchester Tank | Terminal C Basement Room 0100 | Model No. 305274 Serial No. I.B.W272.HVAC0073 | Hot water system | 1978 |
| EXPTANK-3 | Expansion tank Mfg: Manchester Tank | Terminal C Basement Room 0100 | Model No. 305274 Serial No. I.B.W272.HVAC0072 | Hot water system | 1978 |
| AHU 1 | AHU 1 20HP | Terminal C rm.C201A | RSLM XT-0038 I.B.W272.HVAC0538 | TSA EAST GARAGE | |
| AHU 2 | AHU 2 20 HP | Terminal C rm.C201A | RSLM XT-0039 I.B.W272.HVAC0537 | TSA EAST GARAGE | |
| AHU 3 | AHU 3 20 HP | Terminal C rm.C201A | RSLM XT-0040 I.B.W272.HVAC530 | TSA EAST GARAGE | |
| AHU 4 | AHU 4 20 HP | Terminal C rm.C201A | RSLM XT0041 I.B.W272.HVAC0497 | TSA EAST GARAGE | |
| AHU 5 | AHU 5 20 HP | Terminal C rm.CEC-1M | L4A127E-BM A I.B.W272.HVAC0500 | TSA EAST GARAGE | |
| AHU-5 VFD | ABB | Terminal C rm.CEC-1M | | TSA EAST GARAGE | |
| OAHU 1 | OAHU 1 10 HP | Terminal C rm.CEC-1M | L4A127F-A I.B.W272.HVAC0499 | TSA EAST GARAGE | |
| VAV BOX | VAV BOX fan powered 1 | Terminal C | KLPS/KQFS I.B.W272.HVAC0539 | TSA EAST GARAGE | |
| VAV BOX | VAV BOX fan powered 2 | Terminal C | KLPS/KQFS I.B.W272.HVAC0414 | TSA EAST GARAGE | |
| VAV BOX | VAV BOX fan powered 3 | Terminal C | KLPS/KQFS I.B.W272.HVAC0415 | TSA EAST GARAGE | |
| VAV BOX | VAV BOX fan powered 4 | Terminal C | KLPS/KQFS I.B.W272.HVAC0523 | TSA EAST GARAGE | |
| Single duct Box | Single duct Box 1 | Terminal C | LMHS I.B.W272.HVAC0522 | TSA EAST GARAGE | |
| Single duct Box | Single duct Box 2 | Terminal C | LMHS | TSA EAST GARAGE | |
| Single duct Box | Single duct Box 3 | Terminal C | LMHS I.B.W272.HVAC0524 | TSA EAST GARAGE | |
| Condenser | Air cooled condenser 1 hp | Terminal C | | TSA EAST GARAGE | |
| Air Compressor | Dual Compressor 2 1/2 hp | Terminal C rm.CEC-1M | | TSA EAST GARAGE | |
| Air Dryer | Hankinson 1/2 hp Dryers | Terminal C rm.CEC-1M | MODEL/SERIAL # HPR5-10 sn# H510A1150409383 | TSA EAST GARAGE | |
| CHP-1 | Chill water pump Aurora pump 15 hp | Terminal C rm.CEC-1M | MODEL /SERIAL # 3218T I.B.W272.HVAC0488 | TSA EAST GARAGE | |
| CHP-2 | Chill water pump Aurora pump 15 hp | Terminal C rm.CEC-1M | MODEL /SERIAL # 3218T I.B.W272.HVAC0487 | TSA EAST GARAGE | |
| HW Circulating Pumps | HW Circulating Pump 1 | Terminal C | Bell& Gossett 1/3 hp | TSA West GARAGE | |

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Attachment "C"

IAH Equipment Lists

Terminal C 14 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|---------------------------------|-------------------------|--|-----------------|--------------|
| HW Circulating Pumps | HW Circulating Pump 2 | Terminal C | Bell& Gossett 1/3 hp | TSA West GARAGE | |
| Electric duct heaters | Electric Duct Heater EH 1 30 KW | Terminal C | Electric Duct Heater 30 KW | TSA West GARAGE | |
| Electric duct heaters | Electric Duct Heater EH 2 30 KW | Terminal C | Electric Duct Heater 30 KW | TSA West GARAGE | |
| Electric duct heaters | Electric Duct Heater EH 3 30 KW | Terminal C | Electric Duct Heater 30 KW | TSA West GARAGE | |
| Exhaust fan | Exhaust fan | Terminal C | Exhaust fan 5 hp | TSA West GARAGE | |
| Heat Exchanger | Transfer Heat Exchanger | Terminal C rm.CEC-1M | Model # 013-H-5-VP-62 I.B.W272.HVAC0492 | TSA West GARAGE | |
| CHP-1 VFD | Chill water pump VFD 1 | Terminal C rm.CEC-1M | 10 hp VFD Toshiba EAB-3 | TSA West GARAGE | |
| OAHU-1 VFD | VFD | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| AHU-1 VFD | VFD 1 | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| AHU-2 VFD | VFD 2 | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| AHU-3 VFD | VFD 3 | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| AHU-4 VFD | VFD 4 | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| AHU-5 VFD | VFD 5 | Terminal C rm.CEC-1M | Yaskawa 10 hp CIMRE7V47PS | TSA EAST GARAGE | |
| Pot feeder | Chemical Pot feeder | Terminal C | Chemical Pot feeder | TSA EAST GARAGE | |
| AHU-8 | YORK | Terminal C rm.C201A | AHDMXT0138 | TSA West GARAGE | |
| AHU 1 | AHU 1 20HP | Terminal C rm.CEC-1M | L4A127A-BM -A I.B.W272.HVAC0532 | TSA West GARAGE | |
| AHU 2 | AHU 2 20 HP | Terminal C rm.CEC-1M | L4A127B-A I.B.W272.HVAC0498 | TSA West GARAGE | |
| AHU 3 | AHU 3 20 HP | Terminal C rm.CEC-1M | L4A127C-A I.B.W272.HVAC0533 | TSA West GARAGE | |
| AHU 4 | AHU 4 20 HP | Terminal C rm.CEC-1M | L4A127D-A I.B.W272.HVAC0534 | TSA West GARAGE | |

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Attachment "C"**IAH Equipment Lists**

Terminal C 14 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--------------------------------------|---|---|-----------------|--------------|
| AHU 5 | YORK AHU 5 20 HP | Terminal C rm. C208 | RSLMXT0018 I.B.W272.HVAC0417 | TSA West GARAGE | |
| AHU 7 | YORK AHU 7 10 HP | Terminal C rm. C208 | AKTMXT0067 I.B.W272.HVAC0416 | TSA West GARAGE | |
| OAHU 1 | OAHU 1 10 HP | Terminal C rm.C201A | RSLMXT0020 I.B.W272.HVAC0493 | TSA West GARAGE | |
| FCU - 1 | Fan coil unit #1 Johnson Controls | Terminal C rm.CEC-1M | sn. 6GDM003852 | TSA West GARAGE | |
| Unit #3 | Liebert #3 | Term. C South basement MDF room C-0003 | I.B.W272.HVAC0039 | MDF room | |
| Unit #4 | Liebert #4 | Term. C South basement MDF room C-0003 | I.B.W272.HVAC0040 | MDF room | |
| | BARD WMAC | Term. C North basement IDF C-0005 | ser# 217K092650128-002 I.B.W272.HVAC0037 | IDF rm. C-0005 | |
| AHU-1 | YORK | Term.C North basement pump room | ser# 2CVMXT0005 I.B.W272.HVAC0079 | | |
| AHU-1 VFD | Eaton\Cutler hammer SVX9000 | Term.C North basement pump room | | | |
| AHU-2 | YORK | Term.C North basement pump room | ser# 2CVMXT006 I.B.W272.HVAC0080 | | |
| AHU-2 VFD | Eaton\Cutler hammer CPX9000 | Term.C North basement pump room | | | |
| AHU-3 | YORK | Term.C North basement pump room | ser# 2CVMXT0008 I.B.W272.HVAC0081 | | |
| AHU-3 VFD | Eaton\Cutler hammer SVX9000 | Term.C North basement pump room | | | |
| WMAC-3088 | Bard WMAC-3088 IDF CG- 3003 | C East garage lvl 3 | I.B.W272.HVAC0004 | | |
| WMAC-3084 | Bard WMAC-3084 IDF CG- 3005 | C East garage lvl 3 | I.B.W272.HVAC0005 | | |
| WMAC-6054 | Bard WMAC-6054 UPS room | C West garage lvl 6 | I.B.W272.HVAC0010 | | |
| WMAC-6055 | Bard WMAC-6055 IDF CG- 6001 | C West garage lvl 6 | I.B.W272.HVAC0011 | | |
| WMAC-C1060T | Bard WMAC-C1060T IDF- 1005 | C West garage lvl 1 | I.B.W272.HVAC0012 | | |
| WMAC-1061 | Bard WMAC-1061 UPS room | C West garage lvl 1 | I.B.W272.HVAC0013 | | |
| FCU-EV-1 | FCU-EV-1 elevator machine room. | C West garage lvl 1 | I.B.W272.HVAC0057 | | |

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Attachment "C"**IAH Equipment Lists**

Terminal C 14 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|--|--|--|---------------------------------------|--------------|
| WMAC-6007 | Bard WMAC-6007 UA radio room | C Central garage lvl 6 | I.B.W272.HVAC0338 | | |
| WMAC-4013 | Bard WMAC-4013 UPS room | C Central garage lvl 4 | I.B.W272.HVAC0341 | | |
| Electric Water Heater | State Industries Water Heater | Terminal C West NSP Toll Booth Office | Model # PV6 10MS8K Serial # F95782810 | Terminal C West NSP Toll Booth Office | 2015 |
| HVACWAC | CE 1,2,3 Elevator machine room wall mounted window unit. | Term. C baggage make up | I.B.W272.HVAC0366 | | |
| HVACWAC | CE 1,2,3 Elevator machine room wall mounted window unit. | Term. C baggage make up | | | |
| HVACWAC | CE 1,2,3 Elevator machine room wall mounted window unit. | Term. C baggage make up | I.B.W272.HVAC0368 | | |
| Pot Feeder | Chemical Pot Feeder | Terminal C Basement | I.B.W272.HVAC0400 | | |
| HWP-1 | Hot water pump Baldor 5hp | Terminal C rm.C201A | I.B.W272.HVAC0486 | | |
| CHWP-1 | Chill water pump Baldor 15hp | Terminal C rm.C201A | I.B.W272.HVAC0488 | | |
| CHPW-2 | Chill water pump Baldor 15hp | Terminal C rm.C201A | I.B.W272.HVAC0487 | | |
| HWP-1 VFD | ABB | Terminal C rm.C201A | | | |
| CHWP-1 VFD | ABB | Terminal C rm.C201A | | | |
| CHWP-2 VFD | ABB | Terminal C rm.C201A | | | |
| HEX-1 | Tranter heat exchanger | Terminal C rm.C201A | I.B.W272.HVAC0489 | | |
| AHU-8 | Carrier Air Handler 3 belt | Terminal C West garage exit at stairwell | mod.39ED39 ser.792888592 I.B.W272.HVAC0378 | Subway Tunnel | |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|---|---|----------------------------------|--------------|
| AHU-1 | Air Handling Unit #1 Mfg. York 460/3/60 4800 C.F.M 3 H.P. BTU – 158,000 Cooling 21.1 G.P.M | Terminal D Room 004 | Model No. CS113SHLP D Serial No. Data Not Available I.B.W290.HVAC0126 | Level 74 Electric Room | 1995 |
| AHU-3 | Air Handling Unit #3 Mfg. York 3 H.P. 460/3/60 4,800 C.F.M BTU 158,000 Cooling 21.1 G.P.M | Terminal D Room 015 | Model No. CS113SHLP D Serial No. 88-916258A | Level 74 Electric Room | 1995 |
| AHU-4 | Air Handling Unit #4 Mfg. York 3 H.P. 460/3/60 4600 C.F.M BTU 181,300 Cooling 24.2G.P.M | Terminal D Room 005 | Model No. CS113 SHLP Serial No. 33-916258B | Preconditioned Air Mech. Room | 1995 |
| AHU-5 | Air Handling Unit #5 Mfg. York 7.5 H.P. 460/3/60 7400 C.F.M BTU 253,000 Cooling 33.7 G.P.M | Terminal D Room 145.2 | Model No. CS156SHMP Serial No. 88-916258C | Level 88 Airline Offices | 1995 |
| AHU-6 | Air Handling Unit #6 Mfg. York 5 H.P 460/3/60 4300 CFM BTU 114,000 Cooling 15.2 G.P.M | Terminal D Room 203 baggage make up on ceiling | Model No. CS113 SHLP D Serial No. 88-916258D | Level III East | 1995 |
| AHU-7 | Air Handling Unit #7 Mfg. York 7.5 H.P. 460/3/60 8300 C.F.M BTU 254,000 Cooling 47.2 G.P.M | Terminal D Room 206 baggage make up | Model No. CS217SHMP Serial No. Data Not Available I.B.W290.HVAC0463 | Airline Operations | 1995 |
| AHU-8 | Air Handling Unit #8 Mfg. York 5 H.P. 460/3/60 4500 C.F.M BTU 159,000 Cooling 12.9 G.P.M | Terminal D Room B110 gate D4 | Model No. 113 M FCLP Serial No. 88-916, 258 I.B.W290.HVAC0464 | West Fixed Bridge | 1995 |
| AHU- 09 | Air Handling Unit #9 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D5 | Model No. C575HLP D Serial No. BF12-11 I.B.W290.HVAC0465 | North Fixed Bridge | 1995 |

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Attachment "C"
IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------|--|--|--|--------------------------|--------------|
| AHU- 10 | Air Handling Unit #10 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D6 | Model No. C575 HLP D Serial No. BF12-11 I.B.W290.HVAC0466 | North Fixed Bridge | 1995 |
| AHU- 11 | Air Handling Unit #11 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D7 | Model No. C575 HLP D Serial No. BF12-11 I.B.W290.HVAC0467 | North Fixed Bridge | 1995 |
| AHU- 12 | Air Handling Unit #12 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D8 | Model No. C575 HLP Serial No. BF12-11 I.B.W290.HVAC0468 | North Fixed Bridge | 1995 |
| AHU- 13 | Air Handling Unit #13 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D9 | Model No. C575 HLP D Serial No. BF12-11 I.B.W290.HVAC0469 | North Fixed Bridge | 1995 |
| AHU- 14 | Air Handling Unit #14 Mfg. York 5 H.P. 460/3/60 5300 C.F.M BTU 203,000 Cooling 27.1 G.P.M | Terminal D Room B300 | Model No. CS113MMP Serial No. 889162588 I.B.W290.HVAC0470 | East Fixed Bridge | 1995 |
| AHU- 15 | Air Handling Unit #15 Mfg. York 60 H.P 460/3/60 39,100 CFM BTU 1,826,000 Cooling 243.5 G.P.M | Terminal D Roof Mech. Room West | Model No. CS666XFOAF Serial No. 88-916258T I.B.W290.HVAC0136 | Level 121 West | 1995 |
| AHU-15 VFD | TECO MA7200 | Terminal D Roof Mech. Room West | ser.B11615-007 | | |
| AHU- 16 | Air Handling Unit #16 Mfg. York 30 H.P. 460/3/60 28,400 C.F.M BTU 675,000 Heating 67.5 G.P.M | Terminal D Roof Mech. Room West | Model No. 578 FO AF Serial No. 88-916, 258 I.B.W290.HVAC0139 | Outside Air Pretreatment | 1995 |
| AHU-16 VFD | TECO MA7200 | Terminal D Roof Mech. Room West | ser.B11611-004 | | |

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IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------|---|---|---|----------------------------|--------------|
| AHU- 17 | Air Handling Unit #17 Mfg. York 10 H.P 460/3/60 15,000 C.F.M BTU 132,000 Heating 100 G.P.M | Terminal D Roof Mech. Room West | Model No. CS666FOAF Serial No. 88-916258K I.B.W290.HVAC0133 | Level 88 W South Lobby | 1995 |
| AHU- 18 | Air Handling Unit #18 Mfg. York 75 H.P. 460/3/60 46,600 C.F.M BTU 2,512,000 Cooling 335 G.P.M | Terminal D Roof Mech. Room West | Model No. CS666XFOAFHP Serial No. 88-916258L I.B.W290.HVAC0137 | FIS and INS | 1995 |
| AHU-18 VFD | TECO MA7200 | Terminal D Roof Mech. Room West | ser.B0B605-014 | | |
| AHU- 18B | Air Handling Unit #18B Mfg. York | Terminal D Roof Mech. Room West | ABDMXT0251 | | |
| AHU- 18B VFD | Air Handling Unit #18B VFD Mfg. ABB | Terminal D Roof Mech. Room West | ACX550-U0-023A-4 | | |
| AHU- 19 | Air Handling Unit #19 Mfg. York 75 H.P. 460/3/60 48,800 C.F.M BTU 2,176,000 Cooling 290 G.P.M | Terminal D Roof Mech. Room West | Model No. 879 MAF Serial No. 8-916, 258 I.B.W290.HVAC0138 | Level 88W South Lobby | 1995 |
| AHU- 20 | Air Handling Unit #20 Mfg. York 50 H.P. 460/3/60 36,800 C.F.M BTU 1,260,000 Cooling 168 G.P.M | Terminal D Roof Mech. Room East | Model No. CS666FOAF Serial No. 88-9162583 I.B.W290.HVAC0146 | Level 121 E & W Central | 1995 |
| AHU- 20 VFD | Air Handling Unit #20 VFD Mfg. TECO MAV7200 | Terminal D Roof Mech. Room East | sn.B11614-018 | | |
| AHU- 21 | Air Handling Unit #21 Mfg. York 30 H.P. 460/3/60 30,700 C.F.M BTU 730,000 Heating 73 G.P.M | Terminal D Roof Mech. Room East | Model No. CS666FOAF Serial No. 88-916258N I.B.W290.HVAC0151 | Outside Air Pre-Treatment | 1995 |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|---|--|---|----------------------------------|--------------|
| AHU- 21 VFD | Air Handling Unit #21 VFD Mfg. TECO MAV7200 | Terminal D Roof Mech. Room East | sn.B11611-013 | | |
| AHU- 22 | Air Handling Unit #22 Mfg. York 10 H.P. 460/3/60 15,000 C.F.M BTU 132,000 Heating 13.2. G.P.M | Terminal D Roof Mech. Room East | Model No. CS666FOAF Serial No. 88-9162583 I.B.W290.HVAC0145 | Level 88E South Lobby | 1995 |
| AHU- 24 | Air Handling Unit #24 Mfg. York 75 H.P. 460/3/60 42,500 C.F.M BTU 2,036,000 Cooling 271 1/2 G.P.M | Terminal D Roof Mech. Room East | Model No. CS666XFOAFHP Serial No. 88-916258P I.B.W290.HVAC0144 | Level 121E | 1995 |
| AHU- 24 VFD | Air Handling Unit #24 VFD Mfg. TECO MAV7200 | Terminal D Roof Mech. Room East | sn.B0B605-15 | | |
| AHU- 25 | Air Handling Unit #25 Mfg. York 75 H.P. 460/3/60 48,800 C.F.M BTU 2,175,000 Cooling 290 G.P.M | Terminal D Roof Mech. Room East | Model No. CS879NAF Serial No. 88-915259A I.B.W290.HVAC0150 | Level 88E South Lobby | 1995 |
| AHU- 26 | Air Handling Unit #26 Mfg. York 60 H.P. 460/3/60 42,000 C.F.M BTU 1,938,000 Cooling 258.4 G.P.M | Terminal D Roof Mech. Room East | Model No. 666 XFO AFHP Serial No. 889162580 I.B.W290.HVAC0143 | Baggage Claim Airline Offices | 1995 |
| AHU- 26 VFD | Air Handling Unit #26 VFD Mfg. TECO MAV7200 | Terminal D Roof Mech. Room East | sn.B0C603-005 | | |
| AHU-27 | Air Handling Unit #27 Mfg. York 3 H.P. 460/3/60 3500 C.F.M BTU 86,000 Cooling | Terminal D Room CL104 ramp lvl. By gate D4 | Model No. CS74SHLP Serial No. 88916258R I.B.W290.HVAC0129 | Level III Terminal C Link | 1995 |
| AHU- 28 | Air Handling Unit #28 Mfg. York 2 H.P. 460/3/60 2900 C.F.M BTU 97,000 Cooling 12.9 G.P.M | Terminal D Room B200 gate D10 | Model No. CS74SHLP D Serial No. BF 12-11 | North Fixed Bridge | 1995 |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|---|--|---|-------------------------|--------------|
| AHU- T1 IN FIS BAGGAGE | Air Handling Unit #T1 Mfg. York 10 H.P. 460/3/60 9300 C.F.M BTU 259,000 Cooling 34.5 G.P.M | Terminal D Mech. Room ITT Stair 1 | Model No. CS217SHMP Serial No. 88-916258S | Train Tunnel West | 1995 |
| AHU- T2 | Air Handling Unit #T2 Mfg. York 20 H.P. 460/3/60 18,800 G.P.M BTU 827,000 Cooling 110.3 G.P.M | Terminal D Room T006 | Model No. CS402SHMP D Serial No. 88-916258T | Train Tunnel East | 1995 |
| AHU- T2 VFD | Reliance Electric variable frequency drive | Terminal D Room T006 | | Terminal D | |
| CHWP-1 | Chilled Water Pump #1 Mfg. Aurora 75 H.P. 460/3/60 2100 G.P.M 94 FT Head 1750 RPM VFD | Terminal D Mech. Room 004 Basement | Model No. PART 6355152-14 Serial No. BG570547 I.B.W290.HVAC0118 | Chilled Water System | 1995 |
| CHWP-2 | Chilled Water Pump #2 Mfg. Aurora 75 H.P. 460/3/60 2100 G.P.M 94 FT Head 1750 RMP VFD | Terminal D Mech. Room 004 Basement | Model No. 6-355152-14 Serial No. BG5-70371 I.B.W290.HVAC0116 | Chilled Water System | 1995 |
| CHWP-1 VFD | Chilled Water Pump #1 VFD | Terminal D Mech. Room 004 Basement | | Chilled Water System | |
| CHWP-2 VFD | Chilled Water Pump #2 VFD | Terminal D Mech. Room 004 Basement | | Chilled Water System | |
| D-iab eac-01 | Electronic Air Cleaner #1 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |
| d-iab eac -02 | Electronic Air Cleaner # 2 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |
| D-IAB EAC-03 | Electronic Air Cleaner # 3 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|--|------------------------------------|---|-----------------------|--------------|
| D-iab eac-04 | Electronic Air Cleaner # 4 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |
| d-iab eac-05 | Electronic Air Cleaner # 5 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |
| D-iab eac- 06 | Electronic Air Cleaner # 6 Mfg. Amertron ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. GV 1800 Serial No. Data Not Available | Level 121 | 1995 |
| D-iab eac- 07 | Electronic Air Cleaner #7 ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Customs | Model No. Serial No. Data Not Available | Transient Lounge | 1995 |
| D-iab eac- 08 | Electronic Air Cleaner # 8 ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Customs | Model No. Data Not Available Serial No. Data Not Available | Transient Lounge | 1995 |
| D-iab eac- 09 | Electronic Air Cleaner # 9 ¼ H.P. 120/1/60 1800 C.F.M Electrostatic Precipitation | Terminal D Level 121 Ceiling | Model No. Data Not Available Serial No. Data Not Available | Level 121 | 1995 |
| D-iab ef-01 | Exhaust Fan #1 Mfg. Penn Ventilator ½ H.P. 120/1/60 1400 C.F.M Type – In line cent. | Terminal D Level 88W | Model No. SX1258 Serial No. Data Not Available | FIS Agents Counter | 1995 |
| D-iab ef-02 | Exhaust Fan #2 Mfg. Penn Ventilator ½ H.P. 120/1/60 1425 C.F.M Type – In line cent. | Terminal D Level 88W | Model No. SX1258 Serial No. Data Not Available | Level 88 W Toilets | 1995 |
| D-iab ef- 03 | Exhaust Fan #3 Mfg. Penn Ventilator 1/6 H.P. 120/1/60 500 C.F.M Type – In line cent. | Terminal D Level 88W | Model No. SX105B Serial No. Data Not Available | FIS Lab Exhaust | 1995 |
| D-iab ef- 04 | Exhaust Fan #4 Mfg. Penn Ventilator 1 1/2 H.P. 460/3/60 5,015 C.F.M Type – In line cent. | Terminal D Level 88E | Model No. SX 205B Serial No. Data Not Available | Loading Dock Exhaust | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------|--|----------------------------------|---|-----------------------------|--------------|
| D-iab ef- 05 | Exhaust Fan #5 Mfg. Peerless 10 H.P. 460/3/60 26,000 C.F.M Type – Tube Axial | Terminal D Level 88E | Model No. TA426M Serial No. Data Not Available | Baggage Handling Exhaust | 1995 |
| D-iab ef- 06 | Exhaust Fan #6 Mfg. Penn Ventilator 1 1/2 H.P. 460/3/60 14,000 C.F.M Type – Roof T. Prop. | Terminal D Roof Mech. Room | Model No. AF42 Serial No. Data Not Available | Mechanical Room Vent | 1995 |
| D-iab ef- 07 | Exhaust Fan #7 Mfg. Penn Ventilator 1/3 H.P. 120/1/60 1.900 C.F.M Type – Roof T. Cent. | Terminal D Roof | Model No. CB-18 Serial No. Data Not Available | Toilet Exhaust | 1995 |
| EF-8 | Exhaust Fan #8 Mfg. Penn Ventilator ½ H.P. 120/1/60 3,400 C.F.M Type – Roof T. Cent. | Terminal D Roof | Model No. CB-18 Serial No. Data Not Available I.B.W290.HVAC0170 | Toilet Exhaust | 1995 |
| EF-9 | Exhaust Fan #09 Mfg. Penn Ventilator ¼ H.P. 120/1/60 1.240 C.F.M Type – Roof T. Cent. | Terminal D Roof | Model No. BB-45 Serial No. Data Not Available I.B.W290.HVAC0172 | Toilet Exhaust | 1995 |
| D-iab ef- 10 | Exhaust Fan #10 Mfg. Penn Ventilator ¼ H.P. 120/1/60 995 CFM Type – Roof T. Cent | Terminal D Roof | Model No. BB-45 Serial No. Data Not Available | Toilet Exhaust | 1995 |
| D-iab ef- 11 | Exhaust Fan #11 Mfg. Penn Ventilator 1 1/2 H.P. 460/3/60 14,000 C.F.M Type – Roof T. Prop. | Terminal D Roof | Model No. AF42 Serial No. Data Not Available | Mechanical Room Vent | 1995 |
| D-iab ef- 12 | Exhaust Fan #12 Mfg. Penn Ventilator ¼ H.P. 120/1/60 1.100 CFM Type – Roof T. Cent. | Terminal D Roof | Model No. BB-45 Serial No. Data Not Available | Toilet Exhaust | 1995 |

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FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|---|---------------------------------------|---|-----------------------------------|--------------|
| D-iab ef- 13 | Emergency Exhaust Fan #13 Mfg. Penn Ventilator 7.5 H.P. 460/3/60 8,500 C.F.M R-T Up last | Terminal D Roof | Model No. FMX36B Serial No. Data Not Available | Pea Room | 1995 |
| D-iab ef- 14 | Kennel Exhaust Fan #14 Mfg. Greenheck 1/12 H.P. 120/1/60 200 C.F.M Type – Wall Exhaust | Terminal D Roof | Model No. GW-80-D Serial No. Data Not Available | Kennel | 1995 |
| D-iab ef- 15 | Toilet Exhaust Fan #15 Mfg. Greenheck 1/60 H.P. 120/1/60 195 C.F.M Type – Wall Exhaust | Terminal D Roof | Model No. GW-65-D Serial No. Data Not Available | Toilet | 1995 |
| D-iab ef- 16 | Exhaust Fan Mfg. Acme 1/6 H.P. 120/1/60; C.F.M. 200 | Terminal D Level 74 East | Model No. XB1200 Serial No. Data Not Available | Toilet | 1995 |
| EF-20 | Exhaust Fan Mfg. Greenheck | Terminal D Roof East penthouse | Model No. 212-10-CW-UB Serial No. 11354-849-0805 | | |
| D-iab fcu-01 | Fan Coil Unit #1 Mfg. York 260 W 120/1/60 600 C.F.M BTU 11,900 Cooling 1.6 G.P.M | Terminal D Room 004 | Model No. Data Not Available Serial No. Data Not Available | Level 74 Mech. Room | 1995 |
| D-iab fcu- 02 | Fan Coil Unit #2 Mfg. York 260 W 120/1/60 600 C.F.M BTU 11,900 Cooling 1.6 G.P.M | Terminal D Room 004 | Model No. Data Not Available Serial No. Data Not Available | Level 74 Mech. Room | 1995 |
| D-iab fcu- 03 | Fan Coil Unit #3 Mfg. York 460 W 120/1/60 900 C.F.M BTU 24,600 Cooling 3.3 GPM | Terminal D Room 155 | Model No. Data Not Available Serial No. Data Not Available | Level 88 Security Room | 1995 |
| D-iab fcu- 04 | Fan Coil Unit #4 Mfg. York 460 W 120/1/60 1050 CFM BTU 22,400 Cooling 3.3 GPM | Terminal D Roof Mech. Room West | Model No. Data Not Available Serial No. Data Not Available | Penthouse Electrical Room West | 1995 |

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Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|--|---|--|------------------------------------|--------------|
| D-iab fcu- 05 | Fan Coil Unit #5 Mfg. York 460 W 120/1/60 1050 C.F.M BTU 22,400 Cooling 3.0 G.P.M | Terminal D Roof Mech. Room West | Model No. Data Not Available Serial No. Data Not Available | West Penthouse Transceiver Room | 1995 |
| FCU-6 | Fan Coil Unit #6 Mfg. York 460 W 120/1/60 1050 C.F.M BTU 22,400 Cooling 3.0 G.P.M | Terminal D Roof Mechanical Room East | Model No. Data Not Available Serial No. Data Not Available I.B.W290.HVAC0487 | East Penthouse Elect. Room | 1995 |
| FCU-7 | Fan Coil Unit #7 Mfg. York 460 W 120/1/60; 1050 C.F.M BTU 22,400 Cooling 3.0 G.P.M | Terminal D Roof Mechanical Room East | Model No. Data Not Available Serial No. Data Not Available I.B.W290.HVAC0488 | East Penthouse Transceiver Room | 1995 |
| d-iab fcu-08 | Fan Coil Unit #8 Mfg. Magic Air 460/3/60 | Terminal D Level III; Between Gates 11 & 12 | Model No. 48 BHW-4-4 Serial No. Data Not Available | Gate Entrance | 1995 |
| d-iab fcu-09 | Fan Coil Unit #9 International Environmental 1/3 H.P.; 115/3/60 | Terminal D Subway Station Train Tunnel | Model No.HBD1200238852 Serial No. 937031-10-1 | Room TB003 | 2015 |
| d-iab fcu-10 | Fan Coil Unit #10 Mfg. Magic Air 460/3/60 | Terminal D Level 88 | Model No. 24 BHW-6 Serial No. Data Not Available | DOA Training Room | 1995 |
| HVU-1 | Heating Ventilating Unit #1 Mfg. York 15 H.P. 460/3/60; 19,000 C.F.M; BTU 820,000 Heating; 82 G.P.M | Terminal D Room 203 | Model No. 336FO-FCLP Serial No. 88-916, 258 | Baggage Handling | 1995 |
| HVU-2 | Heating Ventilating Unit #2 Mfg. York 15 H.P. 460/3/60 19,000 C.F.M BTU 820,000 Heating 82 G.P.M | Terminal D Room 203 | Model No. 336 FL-FCLP Serial No. 88-916, 258 | Baggage Handling | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|------------------------|--|--------------------|--------------|
| HEX-1 PUMP | Hot Water Generator #1 B & G Type WU 240 G.P.M 1230 G.P.M (Secondary) BTU 12,300,000 | Terminal D Room 004 | I.B.W290.HVAC0110 | Terminal D | 1995 |
| HEX-2 PUMP | Hot Water Generator #2 B & G Type WU 240 GPM 1230 G.P.M (Secondary) BTU 12,300,000 | Terminal D Room 004 | I.B.W290.HVAC109 | Terminal D | 1995 |
| HWP-01 | Hot Water Pump #1 Mfg. Aurora 40 H.P. 460/3/60 830 G.P.M 1750 RPM – 87FT. Head – VFD | Terminal D Room 004 | Model No. 6-360080-02 Serial No. BG-9 I.B.W290.HVAC0114 | Terminal D | 1995 |
| HWP-1 VFD | Yaskawa variable frequency drive | Terminal D Room 004 | 4W1152779850001 I.B.290.HVAC0121 | Terminal D | |
| HWP-02 Manual | Hot Water Pump #2 Mfg. Aurora 40 H.P. 460/3/60 830 G.P.M 1750 RPM – 87 FT. Head – VFD | Terminal D Room 004 | Model No. 6-360080-02 Serial No. BG-9 I.B.W290.HVAC0115 | Terminal D | 1995 |
| SP-6 | Sump Pump #6 Peerless Bronze, Open Impeller Model 50 G.P.M @ 25 FT HD 1 ½ H.P. 1725 RPM 460/3/60 | Terminal D Basement | Model No. C84A Serial No. Data Not Available I.B.W290.HVAC0106 | Basement Pump Room | 1995 |
| SP-7 | Sump Pump # 7 Peerless Bronze, Open Impeller Model 50 G.P.M @ 25 FT HD 1 ½ H.P. 1725 RPM 460/3/60 | Terminal D Basement | Model No. C84A Serial No. Data Not Available I.B.W290.HVAC0107 | Basement Pump Room | 1995 |
| SP-8 | Sump Pump # 8 Peerless Model 10 H.P. Motor 500 G.P.M @ 36 FT HD 460/3/60 1725 RPM | Terminal D Basement | Model No C84A. Serial No. Data Not Available I.B.W290.HVAC0108 | Basement Pump Room | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|---|---|---|---------------------------------|--------------|
| SP-9 | Sump Pump # 9 Peerless Model 10 H.P. Motor 500 G.P.M @ 36 FTTHD 460/3/60 1725 RPM | Terminal D Basement | Model No. C84A Serial No. Data Not Available | Basement Pump Room | 1995 |
| SP-10 | Sump Pump # 10 Peerless Model 460/3/60 50 G.P.M @ 31 FTTHD 1 H.P. 1150 RPM | Terminal D Pipe Chase | Model No. C84A Serial No. Data Not Available | Train Tunnel Level | 1995 |
| SP-11 | Sump Pump # 11 Peerless Model 460/3/60 50 G.P.M @ 31 FTTHD 1 H.P. 1150 RPM | Terminal D Pipe Chase | Model No. C84A Serial No. Data Not Available | Train Tunnel Level | 1995 |
| SP-12 | Sump Pump # 12 Peerless 460/3/60 LH2A 50 G.P.M @ 32 FTD 1 H.P. 1150 RPM | Terminal D Pipe Chase | Model No. C84A Serial No. Data Not Available | Train Tunnel Level | 1995 |
| SP-13 | Sump Pump # 13 Peerless 460/3/60 LH2A 50 G.P.M @ 32 FTD 1 H.P. 1150 RPM | Terminal D Pipe Chase | Model No. C84A Serial No. Data Not Available | Train Tunnel Level | 1995 |
| SP-14 | Sump Pump 14 | Terminal D, Stairwell 9 Subway Tunnel | Model No. Data Not Available Serial No. Data Not Available | Terminal D | 1995 |
| SP-15/16 | Sump Pump 16, 15 | Terminal D, Stairwell 10 Subway Tunnel | Model No. Data Not Available Serial No. Data Not Available | Terminal D | 1995 |
| FCU-1 | Unit #1 Mfg. Magic Air 2 Ton Fan Coil Unit | Terminal D Luftunsia | Model No. 24BH26A/960357431 Serial No. Data Not Available I.B.W290.HVAC0192 | Terminal D Luftunsia Offices | 1995 |
| FCU-2 | Unit #2 Mfg. Magic Air 2 Ton Fan Coil Unit | Terminal D Level 88 Training Room | Model No. 24BHW6A/ Serial No. Data Not Available I.B.W290.HVAC0193 | Terminal D Level 88 | 1995 |
| FCU-3 | Unit #3 Mfg. International 2 Ton Fan Coil Unit | Terminal D CO International Offices | Model No. LH2408/ Serial No. Data Not Available I.B.W290.HVAC0194 | CO International Offices | 1995 |
| Decomissioned | Unit #4A Mfg. Trane 5 Ton Package Unit | Terminal D Jet Bridge #4A | Model No. TFD090C400BC/ Serial No. L19104829D | Terminal D Jet Bridge | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|--|---------------|---|-------------|--------------|
| D vav-1/52 | Mfg. Metal Air Variable Air Volume Box XW881/52 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D vav-1/53 | Mfg. Metal Air Variable Air Volume Box YW881/53 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-1/55 | Mfg. Metal Air Variable Air Volume Box WW881/55 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-10/42 | Mfg. Metal Air Variable Air Volume Box XW8810/42 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-100/4 | Mfg. Metal Air Variable Air Volume Box WC100-4 | TACA 204.4 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D vav-1064 | Mfg. Metal Air Variable Air Volume Box 1064/19 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-11/41 | Mfg. Metal Air Variable Air Volume Box XW8811/41 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-12/63 | Mfg. Metal Air Variable Air Volume Box XW8812/63 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-13/43 | Mfg. Metal Air Variable Air Volume Box XW8813/43 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D vav-14/39 | Mfg. Metal Air Variable Air Volume Box XW8814/39 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-15/38 | Mfg. Metal Air Variable Air Volume Box XW8815/38 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-16/40 | Mfg. Metal Air Variable Air Volume Box XW8816/40 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-17/37 | Mfg. Metal Air Variable Air Volume Box XW8817/37 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-18/49 | Mfg. Metal Air Variable Air Volume Box XW8818/49 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-19/47 | Mfg. Metal Air Variable Air Volume Box XW8819/47 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-2/48 | Mfg. Metal Air Variable Air Volume Box XW882/48 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-2/51 | Mfg. Metal Air Variable Air Volume Box YW882/51 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-2/54 | Mfg. Metal Air Variable Air Volume Box WW882/54 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-20/46 | Mfg. Metal Air Variable Air Volume Box XW8820/46 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21e1/58 | Mfg. Metal Air Variable Air Volume Box W121E1/58 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21e1/64 | Mfg. Metal Air Variable Air Volume Box X121E1/64 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E1/82 | Mfg. Metal Air Variable Air Volume Box Y121E1/58 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E10/7 | Mfg. Metal Air Box W121E10/74 Variable Air Volume | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E11/7 | Mfg. Metal Air Variable Air Volume Box W121E11/70 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E12/6 | Mfg. Metal Air Variable Air Volume Box W121E12/65 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E13/6 | Mfg. Metal Air Variable Air Volume Box W121E13/67 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E15/7 | Mfg. Metal Air Variable Air Volume Box W121E15/72 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E16/6 | Mfg. Metal Air Variable Air Volume Box W121E16/69 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-21E2/57 | Mfg. Metal Air Variable Air Volume Box W121e257 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E2/63 | Mfg. Metal Air Variable Air Volume Box X121E2/63 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E2/80 | Mfg. Metal Air Variable Air Volume Box Y121E2/80 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E3/56 | Mfg. Metal Air Variable Air Volume Box W121E3/56 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E3/62 | Mfg. Metal Air Variable Air Volume Box X121E3/62 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E3/78 | Mfg. Metal Air Variable Air Volume Box Y121E3/62 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E4/55 | Mfg. Metal Air Variable Air Volume Box W121E4/55 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E4/61 | Mfg. Metal Air Variable Air Volume Box X121E4/61 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E4/73 | Mfg. Metal Air Variable Air Volume Box Y121E4/73 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E5/59 | Mfg. Metal Air Variable Air Volume Box W121E5/59 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E5/60 | Mfg. Metal Air Variable Air Volume Box X121E5/60 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E5/71 | Mfg. Metal Air Variable Air Volume Box Y121E5/71 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E6/68 | Mfg. Metal Air Variable Air Volume Box Y121E5/71 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E6/84 | Mfg. Metal Air Variable Air Volume Box W121E6/84 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-21E7/66 | Mfg. Metal Air Variable Air Volume Box Y121E7/66 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E7/81 | Mfg. Metal Air Variable Air Volume Box W121E7/81 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E8/75 | Mfg. Metal Air Variable Air Volume Box Y121E8/75 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E8/79 | Mfg. Metal Air Variable Air Volume Box W121E8/79 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E9/77 | Mfg. Metal Air Variable Air Volume Box W1212 E9/77 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21E9/83 | Mfg. Metal Air Variable Air Volume Box Y121E9/83 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21EC3/8 | Mfg. Metal Air Variable Air Volume Box W121EC4/85 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21EC4/8 | Mfg. Metal Air Variable Air Volume Box W121EC4/85 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-21EC5/8 | Mfg. Metal Air Variable Air Volume Box X121EC5/87 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-3/45 | Mfg. Metal Air Variable Air Volume Box YW883/45 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-3/56 | Mfg. Metal Air Variable Air Volume Box WW883/56 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-3/57 | Mfg. Metal Air Variable Air Volume Box XW883/57 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-4/50 | Mfg. Metal Air Variable Air Volume Box WW884/50 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-4/58 | Mfg. Metal Air Variable Air Volume Box XW884/58 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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IAH Equipment Lists

Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-5/44 | Mfg. Metal Air Variable Air Volume Box XW885/44 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-6/59 | Mfg. Metal Air Variable Air Volume Box XW886/59 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-7/60 | Mfg. Metal Air Variable Air Volume Box XW887/60 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8/62 | Mfg. Metal Air Variable Air Volume Box XW88/62 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-881/10 | Mfg. Metal Air Variable Air Volume Box WE881/10 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-881/13 | Mfg. Metal Air Variable Air Volume Box YE881/13 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-881/16 | Mfg. Metal Air Variable Air Volume Box WEC881/16 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8810/33 | Mfg. Metal Air Variable Air Volume Box XWC8810/33 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8810/69 | Mfg. Metal Air Variable Air Volume Box WEC8810/69 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8813/35 | Mfg. Metal Air Variable Air Volume Box XWC8813/35 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8814/36 | Mfg. Metal Air Variable Air Volume Box XWC8814/36 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-881A/12 | Mfg. Metal Air Variable Air Volume Box YE881A/12 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-881A/22 | Mfg. Metal Air Variable Air Volume Box YEC881A/22 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-882/8 | Mfg. Metal Air Variable Air Volume Box WE882/8 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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IAH Equipment Lists

Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-882/9 | Mfg. Metal Air Variable Air Volume Box YE882/9 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-882A/21 | Mfg. Metal Air Variable Air Volume Box YEC882A/21 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-883/7 | Mfg. Metal Air Variable Air Volume Box YE883/7 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-883A/20 | Mfg. Metal Air Variable Air Volume Box YEC883A/20 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-883A/4 | Mfg. Metal Air Variable Air Volume Box YE883A/4 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-884A/11 | Mfg. Metal Air Variable Air Volume Box YE884A/11 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-884A/19 | Mfg. Metal Air Variable Air Volume Box YEC884A/19 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-885A/17 | Mfg. Metal Air Variable Air Volume Box YEC885A/17 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-885A/5 | Mfg. Metal Air Variable Air Volume Box YE885A/5 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-886A/14 | Mfg. Metal Air Variable Air Volume Box YEC886A/14 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-886A/6 | Mfg. Metal Air Variable Air Volume Box YE886A/6 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-888/18 | Mfg. Metal Air Variable Air Volume Box YEC888/18 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-889/15 | Mfg. Metal Air Variable Air Volume Box YEC889/15 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-8E2A/65 | Mfg. Metal Air Variable Air Volume Box Y88E-2A/65 | AHU 5 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Attachment "C"
IAH Equipment Lists

Terminal D 33 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|--|----------|---|-------------|--------------|
| D VAV-9/61 | Mfg. Metal Air Variable Air Volume Box XW889/61 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/123 | Mfg. Metal Air Variable Air Volume Box Y100EC1/123 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/13 | Mfg. Metal Air Variable Air Volume Box W100EC1/13 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/23 | Mfg. Metal Air Variable Air Volume Box Y106EC1/23 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/24 | Mfg. Metal Air Variable Air Volume Box W106EC1/24 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/26 | Mfg. Metal Air Variable Air Volume Box X88EC1/26 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/27 | Mfg. Metal Air Variable Air Volume Box W111EC1/27 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/32 | Mfg. Metal Air Variable Air Volume Box X106EC1/32 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/34 | Mfg. Metal Air Variable Air Volume Box X106WC1/34 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/51 | Mfg. Metal Air Variable Air Volume Box X88WC1/51 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/52 | Mfg. Metal Air Variable Air Volume Box W88WC1/52 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C1/53 | Mfg. Metal Air Variable Air Volume Box W111WC1/53 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C11/45 | Mfg. Metal Air Variable Air Volume Box X88WC11/45 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAVC12/44 | Mfg. Metal Air Variable Air Volume Box X88WC12/44 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Attachment "C"
IAH Equipment Lists

Terminal D 33 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|---|----------|---|-------------|--------------|
| D VAV-C2/12 | Mfg. Metal Air Variable Air Volume Box W111EC2/12 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/14 | Mfg. Metal Air Variable Air Volume Box Y100EC2/14 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/16 | Mfg. Metal Air Variable Air Volume Box W100EC2/16 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/25 | Mfg. Metal Air Variable Air Volume Box W88EC2/25 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/28 | Mfg. Metal Air Variable Air Volume Box X106EC2/28 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/35 | Mfg. Metal Air Variable Air Volume Box X106WC2/35 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/47 | Mfg. Metal Air Variable Air Volume Box W88WC2/47 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C2/49 | Mfg. Metal Air Variable Air Volume Box W88WC2/47 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/17 | Mfg. Metal Air Variable Air Volume Box Y100EC3/17 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/29 | Mfg. Metal Air Variable Air Volume Box X106EC3/29 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/37 | Mfg. Metal Air Variable Air Volume Box Y106WC3/37 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/38 | Mfg. Metal Air Variable Air Volume Box W111WC3/38 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/39 | Mfg. Metal Air Variable Air Volume Box W88WC3/39 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C3/46 | Mfg. Metal Air Variable Air Volume Box X88WX3/46 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-C4/15 | Mfg. Metal Air Variable Air Volume Box Y100EC4/15 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C4/30 | Mfg. Metal Air Variable Air Volume Box X106EC4/30 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C4/33 | Mfg. Metal Air Variable Air Volume Box W88WC4/33 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C4/36 | Mfg. Metal Air Variable Air Volume Box W111WC4/36 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C4/42 | Mfg. Metal Air Variable Air Volume Box-X88WC4/42 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C5/40 | Mfg. Metal Air Variable Air Volume Box X88WC5/40 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C7/50 | Mfg. Metal Air Variable Air Volume Box X88WC7/50 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C8/43 | Mfg. Metal Air Variable Air Volume Box X88WC8/43 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C881/29 | Mfg. Metal Air Variable Air Volume Box YEC881/29 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C881/34 | Mfg. Metal Air Variable Air Volume Box YWC881/34 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C881/67 | Mfg. Metal Air Variable Air Volume Box XEC881/67 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C882/28 | Mfg. Metal Air Variable Air Volume Box YEC882/28 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C882/31 | Mfg. Metal Air Variable Air Volume Box YWC882/31 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C883/26 | Mfg. Metal Air Variable Air Volume Box YEC883/26 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-C883/30 | Mfg. Metal Air Variable Air Volume Box YWC883/30 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C884/24 | Mfg. Metal Air Variable Air Volume Box YEC884/24 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C885/23 | Mfg. Metal Air Variable Air Volume Box YEC885/23 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C886/25 | Mfg. Metal Air Variable Air Volume Box YEC886/25 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-886/66 | Mfg. Metal Air Variable Air Volume Box XWC866/66 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C887/27 | Mfg. Metal Air Variable Air Volume Box YEC887/27 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-C9/41 | Mfg. Metal Air Variable Air Volume Box X88WC9/41 | AHU 26 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E1/18 | Mfg. Metal Air Variable Air Volume Box Y100E1/22 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E1/22 | Mfg. Metal Air Variable Air Volume Box W100E1/22 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E14/127 | Mfg. Metal Air Variable Air Volume Box W121E14/127 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E2/124 | Mfg. Metal Air Variable Air Volume Box Y100EC2/124 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E2/19 | Mfg. Metal Air Variable Air Volume Box W100E2/19 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E3/125 | Mfg. Metal Air Variable Air Volume Box Y100E3/125 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E3/21 | Mfg. Metal Air Variable Air Volume Box W100E3/21 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-E4/126 | Mfg. Metal Air Variable Air Volume Box Y100E4/126 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-E4/20 | Mfg. Metal Air Variable Air Volume Box W100E4/20 | AHU 7 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC1/101 | Mfg. Metal Air Variable Air Volume Box X121EC1/101 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC1/96 | Mfg. Metal Air Variable Air Volume Box Y121EC1/96 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC1/99 | Mfg. Metal Air Variable Air Volume Box W1212EC1/99 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC10/92 | Mfg. Metal Air Variable Air Volume Box W1212EC10/92 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC2/100 | Mfg. Metal Air Variable Air Volume Box X121EC2/100 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC2/94 | Mfg. Metal Air Variable Air Volume Box Y1221EC2/94 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC2/98 | Mfg. Metal Air Variable Air Volume Box W1212EC2/98 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC3/89 | Mfg. Metal Air Variable Air Volume Box X1221EC3/89 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC3/91 | Mfg. Metal Air Variable Air Volume Box Y121EC3/91 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC4/88 | Mfg. Metal Air Variable Air Volume Box X121EC4/88 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC5/104 | Mfg. Metal Air Variable Air Volume Box W121EC5/104 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC6/103 | Mfg. Metal Air Variable Air Volume Box X121EC6/103 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-EC6/97 | Mfg. Metal Air Variable Air Volume Box W121EC6/97 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC7/102 | Mfg. Metal Air Variable Air Volume Box X121EC7/102 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC7/95 | Mfg. Metal Air Variable Air Volume Box W1221EC7/95 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC8/93 | Mfg. Metal Air Variable Air Volume Box W1212EC8/93 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-EC9/90 | Mfg. Metal Air Variable Air Volume Box W121EC9/90 | AHU 24 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RE1/120 | Mfg. Metal Air Variable Air Volume Box ZMRE1/120 | AHU 21 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RE2/119 | Mfg. Metal Air Variable Air Volume Box ZMRE2/119 | AHU 21 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RE3/121 | Mfg. Metal Air Variable Air Volume Box ZMRE3/121 | AHU 21 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RE4/122 | Mfg. Metal Air Variable Air Volume Box ZMRE4/122 | AHU 21 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RW1/54 | Mfg. Metal Air Variable Air Volume Box ZMRW1/54 | AHU 16 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D vav-rw2/55 | Mfg. Metal Air Variable Air Volume Box ZMRW2/55 | AHU 16 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RW3/56 | Mfg. Metal Air Variable Air Volume Box ZMRW/56 | AHU 16 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-RW4/10 | Mfg. Metal Air Variable Air Volume Box ZMRW4/10 | AHU 16 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC1/108 | Mfg. Metal Air Variable Air Volume Box W121WC1/108 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-WC1/114 | Mfg. Metal Air Variable Air Volume Box X121WC1/114 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC2/107 | Mfg. Metal Air Variable Air Volume Box W121WC2/107 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-2/113 | Mfg. Metal Air Variable Air Volume Box X121WC1/113 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC3/106 | Mfg. Metal Air Variable Air Volume Box W121WC3/106 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC3/112 | Mfg. Metal Air Variable Air Volume Box X121WC3/112 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC4/105 | Mfg. Metal Air Variable Air Volume Box W121WC4/105 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC4/111 | Mfg. Metal Air Variable Air Volume Box X21WC4/111 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC5/110 | Mfg. Metal Air Variable Air Volume Box X121WC5/110 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC5/118 | Mfg. Metal Air Variable Air Volume Box W121WC5/118 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC6/109 | Mfg. Metal Air Variable Air Volume Box X121WC6/109 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC6/117 | Mfg. Metal Air Variable Air Volume Box W121WC6/117 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC7/115 | Mfg. Metal Air Variable Air Volume Box W121WC7/115 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WC7/116 | Mfg. Metal Air Variable Air Volume Box X121WC7/116 | AHU 20 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1211 | Mfg. Metal Air Variable Air Volume Box WCL1211/46 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-WCL1212 | Mfg. Metal Air Variable Air Volume Box WCL1212/47 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1213 | Mfg. Metal Air Variable Air Volume Box WCL1213/48 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1214 | Mfg. Metal Air Variable Air Volume Box WCL1214/49 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1215 | Mfg. Metal Air Variable Air Volume Box WCL1215/52 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1216 | Mfg. Metal Air Variable Air Volume Box WCL1216/50 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1217 | Mfg. Metal Air Variable Air Volume Box WCL1217/53 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WCL1218 | Mfg. Metal Air Variable Air Volume Box WCL1218/51 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT1/38 | Mfg. Metal Air Variable Air Volume Box WT1/38 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT2/37 | Mfg. Metal Air Variable Air Volume Box WT2/37 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT3/18 | Mfg. Metal Air Variable Air Volume Box WT3/18 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT4/17 | Mfg. Metal Air Variable Air Volume Box WT4/17 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT5/9 | Mfg. Metal Air Variable Air Volume Box WT5/9 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT6/8 | Mfg. Metal Air Variable Air Volume Box WT6/8 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WT7/4 | Mfg. Metal Air Variable Air Volume Box WT7/4 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-WW1061 | Mfg. Metal Air Variable Air Volume Box WW1061/29 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1062 | Mfg. Metal Air Variable Air Volume Box WW1062/27 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1063 | Mfg. Metal Air Variable Air Volume Box WW1063/18 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-1064 | Mfg. Metal Air Variable Air Volume Box WW1064/15 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-1065 | Mfg. Metal Air Variable Air Volume Box WW1065/12 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1211 | Mfg. Metal Air Variable Air Volume Box WW1211/33 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1212 | Mfg. Metal Air Variable Air Volume Box WW1212/32 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1213 | Mfg. Metal Air Variable Air Volume Box WW1213/31 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1214 | Mfg. Metal Air Variable Air Volume Box WW1214/30 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1215 | Mfg. Metal Air Variable Air Volume Box WW1215/45 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1216 | Mfg. Metal Air Variable Air Volume Box WW1216/43 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-WW1217 | Mfg. Metal Air Variable Air Volume Box WW1217/40 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT1/43 | Mfg. Metal Air Variable Air Volume Box XT1/43 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT10/16 | Mfg. Metal Air Variable Air Volume Box XT10/16 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|----------|---|-------------|--------------|
| D VAV-XT11/15 | Mfg. Metal Air Variable Air Volume Box XT11/15 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT12/14 | Mfg. Metal Air Variable Air Volume Box XT12/14 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT13/13 | Mfg. Metal Air Variable Air Volume Box XT13/13 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 2000 |
| D VAV-XT14/12 | Mfg. Metal Air Variable Air Volume Box XT14/12 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT15/10 | Mfg. Metal Air Variable Air Volume Box XT15/10 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT16/11 | Mfg. Metal Air Variable Air Volume Box XT16/11 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT17/5 | Mfg. Metal Air Variable Air Volume Box XT17/5 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT2/42 | Mfg. Metal Air Variable Air Volume Box XT2/42 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT3/41 | Mfg. Metal Air Variable Air Volume Box XT 3/41 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT4/40 | Mfg. Metal Air Variable Air Volume Box XT4/40 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT5/39 | Mfg. Metal Air Variable Air Volume Box XT5/39 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT6/36 | Mfg. Metal Air Variable Air Volume Box XT6/36 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT7/35 | Mfg. Metal Air Variable Air Volume Box XT7/35 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XT8/34 | Mfg. Metal Air Variable Air Volume Box XT8/34 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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Terminal D 33 pages

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-XT9/33 | Mfg. Metal Air Variable Air Volume Box XT9/33 | AHU T1 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1061 | Mfg. Metal Air Variable Air Volume Box XW1061/28 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW10610 | Mfg. Metal Air Variable Air Volume Box XW10610/13 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW10611 | Mfg. Metal Air Variable Air Volume Box XW10611/22 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW10612 | Mfg. Metal Air Variable Air Volume Box XW10612/11 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1062 | Mfg. Metal Air Variable Air Volume Box XW1062/25 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1063 | Mfg. Metal Air Variable Air Volume Box XW1063/24 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1064 | Mfg. Metal Air Variable Air Volume Box XW1064/19 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1065 | Mfg. Metal Air Variable Air Volume Box XW1065-17 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1066 | Mfg. Metal Air Variable Air Volume Box XW1066/14 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1067 | Mfg. Metal Air Variable Air Volume Box XW1067/23 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1068 | Mfg. Metal Air Variable Air Volume Box XW1068/20 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW/1069 | Mfg. Metal Air Variable Air Volume Box XW1069/16 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1211 | Mfg. Metal Air Variable Air Volume Box XW1211/38 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|---|----------|---|-------------|--------------|
| D VAV-XW1212 | Mfg. Metal Air Variable Air Volume Box XW1212/37 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1213 | Mfg. Metal Air Variable Air Volume Box XW1213/36 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1214 | Mfg. Metal Air Variable Air Volume Box XW1214/35 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1215 | Mfg. Metal Air Variable Air Volume Box XW1215/34 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1216 | Mfg. Metal Air Variable Air Volume Box XW1216/42 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1217 | Mfg. Metal Air Variable Air Volume Box XW1217/41 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-XW1218 | Mfg. Metal Air Variable Air Volume Box XW1218/39 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YEC1214 | Mfg. Metal Air Variable Air Volume Box YEC1214-60 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YT1/7 | Mfg. Metal Air Variable Air Volume Box YT1/7 | AHU T2 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YW1061 | Mfg. Metal Air Variable Air Volume Box 1061/21 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YW1062 | Mfg. Metal Air Variable Air Volume Box 1062/26 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YW1211 | Mfg. Metal Air Variable Air Volume Box YW1211/44 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YW1212 | Mfg. Metal Air Variable Air Volume Box YW1212/61 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YW1213 | Mfg. Metal Air Variable Air Volume Box YW1213/57 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|---------------------------------|---|-------------|--------------|
| D VAV-YW88-03 | Mfg. Metal Air Variable Air Volume Box YW88-03 | AHU 18 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YWC111 | Mfg. Metal Air Variable Air Volume Box YWC1211/59 | | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D VAV-YWC1211 | Mfg. Metal Air Variable Air Volume Box YWC1211/59 | Level 121 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D vav-ywc1212 | Mfg. Metal Air Variable Air Volume Box YWC1212/59 | AHU 15 | Model No. 400 Series Serial No. Data Not Available | Terminal D | 1995 |
| D ANDOVER | Andover DDC Energy Management Building Automation Control System | Terminal D | Model No. Data Not Available Serial No. Data Not Available | Terminal D | 1995 |
| TF-1 | Transfer Fan #1 mfg. Greenheck | Level 74 Basement pipe chase | Model No. BSQ-0-4X-QD Serial No. 90C00241 | Terminal D | 1995 |
| TF-2 | Transfer Fan #2 mfg. Penn Ventilator Co. | Level 74 Basement pipe chase | Model No. SX125B Serial No. 07632 | Terminal D | 1995 |
| TF-3 | Transfer Fan #3 mfg. Penn Ventilator Co. | Level 74 Pipe Tunnel | Model No. SX125B Serial No. 13691 | Terminal D | 1995 |
| RF-1 | Mfg. Aerovent Circulating Fan #1 5500 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-2 | Mfg. Aerovent Circulating Fan #2 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-3 | Mfg. Aerovent Circulating Fan # 3 CFM. HP 1/3 | Baggage Make-up | Model No Data Not Available Serial No. .Data Not Available | Terminal D | 1995 |
| RF-4 | Mfg. Aerovent Circulating Fan # 4 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-5 | Mfg. Aerovent Circulating Fan # 5 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-6 | Mfg. Aerovent Circulating Fan # 6 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-7 | Mfg. Aerovent Circulating Fan #7 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|---|---|---|---------------------------------------|--------------|
| RF-8 | Mfg. Aerovent Circulating Fan #8 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-9 | Mfg. Aerovent Circulating Fan #9 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-10 | Mfg. Aerovent Circulating Fan #10 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-11 | Mfg. Aerovent Circulating Fan #11 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-12 | Mfg. Aerovent Circulating Fan #12 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-13 | Mfg. Aerovent Circulating Fan #13 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-14 | Mfg. Aerovent Circulating Fan #14 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-15 | Mfg. Aerovent Circulating Fan #15 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| RF-16 | Mfg. Aerovent Circulating Fan #16 CFM. HP 1/3 | Baggage Make-up | Model No. 21L420 Serial No. Data Not Available | Terminal D | 1995 |
| UH-1 | UH-1 (Ten of these units exist); Hot Water Unit Heater Mfg. Modine; C.F.M. 600; H.P. .25; 115/1/60 | Terminal D Roof | Model No. HS33501 Serial No. 30010406 | Roof Penthouses (5 Units in each one) | 1995 |
| OAF-1 | OAF-1 Outside Air Fan Mfg. Penn Ventilator Co. C.F.M. 600; 120/1/60 | Terminal D Level 88 in generator room | Model No. SX1058 Serial No. Data Not Available | AHU-5 | 1995 |
| OAF-2 | OAF-2 Outside Air Fan Mfg. Penn Ventilator Co. C.F.M. 1600; 115/1/60 | Terminal D Level 106 Room 203 | Model No. SX1258 Serial No. Data Not Available | AHU-7 | 1995 |
| OAF-T1 | OAF-T1 Outside Air Fan Mfg. Penn Ventilator Co. C.F.M. 4000; H.P. 1 1/2; 460/3/60 | Terminal D Level 74 Room T006 | Model No. SX2058 Serial No. Data Not Available | AHU-T2 | 1995 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------|--|--|---|--------------------------------------|--------------|
| HEX-2 | Heating Hot Water Generator & Storage Mfg. Sellers Engineering Co.; Vertical Heat-n-Store Packaged Water Heater | Terminal D Level 74, Basement, Room 004 | Model No. RBW *A4-140-VT-335 I.B.W290.HVAC0105 | Domestic Hot Water for Terminal D | 1995 |
| HEX-1 | Heating Hot Water Generator & Storage Mfg. Sellers Engineering Co.; Vertical Heat-n-Store Packaged Water Heater | Terminal D Level 74, Basement, Room 004 | Model No. RBW *A4-140-VT-335 Serial No. 99264 I.B.W290.HVAC0140 | Domestic Hot Water for Terminal D | 1995 |
| CRU-1 | Liebert CW AHU 1 7.5 hp 460/3/60 | Terminal D Level 74, Basement, Pipe tunnel | I.B.W290.HVAC0127 | Serves IDF room | 2010 |
| CRU-2 | Liebert CW AHU 2 7.5 hp 460/3/60 | Terminal D Level 74, Basement, Pipe tunnel | I.B.W290.HVAC0122 | Serves IDF room | 2010 |
| CRU-3 | Liebert CW AHU 3 7.5 hp 460/3/60 | Terminal D Level 74, Basement, Pipe tunnel | I.B.W290.HVAC0128 | Serves IDF room | 2010 |
| AHU 88-1 | Trane AHU 88-1 460/3/60/ 7.5 HP w/ Condensate water pumps | T-D Mech room 143-1. Level 88 | Mod. MCCB014OAOUB Ser. K03M77232A | Level 88 offices | 2010 |
| Air Compressor | Air compressor ¾ hp. 1725 rpm 115/1/60 A-43 belt | T-D Mech room 143-1. Level 88 | Mod. C0S053HP1 Ser. 34D5596 | Level 88 offices | 2010 |
| Air Dryer | Air dryer Mfg: Hankerson 115/1/60 134 refig. | T-D Mech room 143-1. Level 88 | Mod. HPR510 Ser. H510A1150312280 | Level 88 offices | 2010 |
| DWP-1 | Domestic water pump | Terminal D rm.001 | I.B.W290.HVAC0113 | Terminal D | |
| DWP-2 | Domestic water pump | Terminal D rm.001 | I.B.W290.HVAC0111 | Terminal D | |
| DWP-3 | Domestic water pump | Terminal D rm.001 | I.B.W290.HVAC0112 | Terminal D | |
| DWP-1 VFD | Domestic water pump VFD ABB Inc. | Terminal D rm.001 | ACX550-U0023A4 | | |
| DWP-2 VFD | Domestic water pump VFD Yaskawa | Terminal D rm.001 | 4W1172819840001 | | |
| DWP-3 VFD | Domestic water pump VFD Yaskawa | Terminal D rm.001 | 4W1172819840002 | | |

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Attachment "C"

IAH Equipment Lists

Terminal D 33 pages

C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|------------------------------|--|--|---|--------------|
| FCU-ELEV 3/4 | Trane Fan Coil Unit | Terminal D basement lvl.74 rm.006 | | Elevator machine room for elev. 3 and 4 | |
| FCU-FP ROOM | Liebert Fan Coil Unit | Terminal D lvl.88 rm. 145.5 | | Fire Panel Room | |
| AHU-CL100-1 | Temtrol air handling unit | Terminal D lvl. 106 near TSA room | mod. WFBTZ15 ser.77074 | | |
| FCU | 5 ton cooling 15 kw Heating | TSA room D-4 TSA in Matrix | Mod#WA602C15 S/N # 155MO72424921 | Terminal D TSA | |
| FCU-1 | Fan Coil unit 88-1 | Terminal D TSA in Matrix | Model #HBC30001-12194 Serial #42296150-1 | Terminal D TSA | |
| FCU-2 | Fan Coil unit 88-2 | Terminal D TSA in Matrix | Model #HBC16001 Serial #42296120-1 | Terminal D TSA | |
| FCU-3 | Fan Coil unit 88-3 | Terminal D TSA in Matrix | Model#HBC16001-12188 Serial# 42296110-001 | Terminal D TSA | |
| FCU-4 | Fan Coil unit 88-4 | Terminal D TSA in Matrix | HBC16001-12189 Serial# 42296130-1 | Terminal D TSA | |
| FCU-5 | Fan Coil unit 88-5 | Terminal D TSA in Matrix | Model#HBC16001-12187 Serial #42296140-1 | Terminal D TSA | |
| Condensate Pumps { 5 } | FCU Pan Pump { 5 } | Terminal D TSA in Matrix | Little Giant | Terminal D TSA | |
| AHU-88 | Temtrol | Terminal D West at D4 ramp lvl. Rm104 | mod. WFDH8 sn. 77976 | | |
| AHU-98 | Temtrol | Terminal D West at D4 ramp lvl. Rm104 | mod. WFDH8 sn. 77977 | | |
| AHU-WB100-1 | Temtrol | Terminal D West ramp lvl. Rm103.1 | mod. WFDH8 sn. 77975 | | |
| Domestic/Fire water tank | United Fabricating Co. | Terminal D basement pump room | sn# 2376 | Terminal D domestic water | 33 years |
| Area Fan #1 30" | Big Ass Fan Company | Terminal D BMU Annex | N/A | Terminal D BMU Annex West | 3 Years |
| Area Fan #2 30" | Big Ass Fan Company | Terminal D BMU Annex | N/A | Terminal D BMU Annex East | 3 Years |
| Exhaust Fan Mark1 | Greenheck | Terminal D East penthouse | mod.SWB-212-10-CW-UB ser.11354849 0805 | Terminal D gate D9 mothers room restroom | 5 years |

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Attachment "C"**IAH Equipment Lists**

FIS BUILDING 45 pages C.F.M. – Cubic Feet Per Minute G.P.M.. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|---|--|--|---|--------------|
| Air Handling Unit | AHU-2-7 30,000/15,000 cfm 40hp, 1775rpm, 6,750/3,000 outside air Filters: 15 ea. 24x24x2 pleated 460 volts, 46 full load amps, Vfd. Belts: Bx97 4 ea bearings DE G312 ODE 6311 | FIS Second Floor Mechanical Room IA2.0316M | Model: WF-BD61 Serial: U100-129-008-00 I.B.W190.HVAC0099 | Circulation and Security, Concessions, In-Transit Lounge | 2004 |
| Air Handling Unit VFD | AHU-2-7 VFD mfg. ABB | FIS Second Floor Mechanical Room IA2.0316M | Model:ACH550VDR059A-4 Serial: 2163902619 | Circulation and Security , Concessions, In-Transit Lounge | 2004 |
| Air Handling Unit | AHU-2-8 19,800 cfm 20hp, 1765rpm, 7,500/2,000 outside air Filters: 12 ea. 24x24x2 pleated 460 volts, 35.4 full load amps, Vfd. Belts: 3 ea. Bx 78 bearing DE 6309 ODE 6208 | FIS Second Floor Mechanical Room IA2.0316M | Model: ITFDH41 Serial: U100129-019-00 I.B.W190.HVAC0097 | INS Primary Inspection NW Quadrant | 2004 |
| Air Handling Unit | AHU- 2-9 15,000 cfm 15hp, 1765rpm, Filter: 9ea. 20x24x2 pleated Vfd. Bearings DE6309, ODE6208 Belts BX62 2 ea. | FIS Second Floor Mechanical Room IA2.0316M | Model: ITF-DH30 Serial: U100129-023-00 I.B.W190.HVAC0095 | INS Sterile circulation and Dome | 2004 |
| Air Handling Unit | AHU-2-10 25,000 / 19,000 cfm 30hp, 1770rpm, 6,000 / 2,000 outside air cfm Filters: 15 ea. 24x24x2 pleated 460 volts, 35 full load amps, Bearing DE 6311 ODE 6309 Belts bx85 4 ea. | FIS Second Floor Mechanical Room IA2.0316M | Model: WF-B051 Serial: U100-129-009-00 I.B.W190.HVAC0096 | Secure Circulation | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--|--|---|--------------|
| Air Handling Unit | AHU-2-11 15,000 cfm 15hp, 1765rpm, 3,000 / 1,500 outside air cfm Filters: 9 ea. 20x24x2 pleated 460 volts, 21 full load amps, Vfd. EM2513T belts bx 62 2ea. Bearings DE 6309 ODE 6208 | FIS Second Floor Mechanical Room IA2.0316M | Model: ITF-DH30 Serial: U100129-0024-00 I.B.W190.HVAC0098 | INS Circulation Booth | 2004 |
| Air Handling Unit | AHU-2-13 20,000 cfm 20hp, 1450rpm, 3,750 / 1,500 outside air cfm Filters: 12 ea. 24x24x2 pleated 460 volts, 23.5 full load amps Vfd. Bearing DEG309 ODE 6208 Belts Bx72 | FIS Second Floor Mechanical Room IA2.0316M | Model: ITF-DH41 Serial: I.B.W190.HVAC0059 | INS Primary Inspection SW Quadrant | 2004 |
| Air Handling Unit | AHU-2-14 26,000 / 12,000 cfm 30hp, 1770rpm, 6,750 / 1,500 outside air cfm Filters: 15 ea. 24x24x2 pleated 460volts, 35 full load amps Vfd. Bearing DE G311 ODE 6309 belts bx95 | FIS Second Floor Mechanical Room IA2.0316M | Model: WF-BD54 Serial: U100129-010-00 I.B.W190.HVAC0094 | Sterile Circulation, Concessions, OB T Office and in Transit lounge | 2004 |
| Air Handling Unit | AHU-T-1 25,000 cfm 25hp, 1200rpm, 1,200 outside air cfm Filters: 15 ea. 20x24x2 pleated 460 volts, Bearings DE6311 ODE 6309 Bx 78 | FIS Basement Mechanical Room IAO.0325M | Model: ITF-DH50 Serial: U100129-033-00 Vfd. Model: EM2511T Serial: Z0211200341 | ITT Tunnel I.B.W190.HVAC0264 | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--|--|---|--------------|
| Air Handling Unit | AHU-B1 5,000 cfm 500 outside air cfm 25hp, 1770rpm, Filters: 24 ea. 20x24x2 pleated 460 volts, 30 full load amps Vfd. Bearing DE G311 ODE 6509 Belts vx1088 3 ea. | FIS Baggage Area | Model: ITF-DH10 Serial:U11129-25-00 I.B.W190.HVAC0270 | Basement Level South Corridor OPO4002 | 2004 |
| Air Handling Unit | AHU-B-2 2,070 cfm 25hp, 1770rpm, Filters: 24ea. 20x24x2 pleated Vfd. Bearing DE6311 ODE 6309 Belts 5vx1088 3 ea. | FIS Basement Baggage Area | Model: ITF-DV5 Serial: U100-129-027-00 I.B.W190.HVAC0288 | Basement Level South Corridor | 2004 |
| Air Handling Unit | AHU-1-4 35,000 / 21,000 cfm 60hp, 1775rpm, 10,000 / 4,000 outside air cfm Filters: 6 ea. 20x20x2 18ea. 20x24x2 pleated 460volts, 68 full load amps belts 4 ea 5vx930 bearings DEG313 ODE 6311 | FIS First Floor | Model: WF-BD70 Serial: U100-129-004-00 I.B.W190.HVAC0226 | First Level Baggage Claim North | 2004 |
| Air Handling Unit | AHU-B-3 2,000 cfm 25hp,1770rpm, Filters: 24ea. 20x24x2 pleated 460volts, 30 full load amps bearings DEG311 ODE 6309 belts 5vx1088 3ea. | FIS Basement Baggage Area rm. IA0.0708M | Model: ITF-DV5 Serial: U100129-028-00 I.B.W190.HVAC0246 | Basement Level Main switchgear room 0M0711 | 2004 |
| Air Handling Unit | AHU-2-12 19,800 / 7,500 cfm 20hp, 1765rpm , 2,000 outside air cfm bearings DEG309 ODE 6208 12ea. Filters 24x24x2 pleated 460volts, Vfd. Belts bx 85 | FIS Second Floor rm.IA2.0420M | Model: ITF-DH41 Serial: V100129-020-00 I.B.W190.HVAC0066 | INS primary inspection SW quadrant | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|--|---|--|--|--------------|
| Air Handling Unit | AHU-B-4 25,000 cfm 20hp, 1765rpm, filters: 15ea. 20x24x2 pleated 460volts, 32.5full load amps bearings DEG309, ODE 6208 belts bx 68 3 ea. | FIS Basement/ Baggage | Model: ITF-DH51 Serial: U100-129-026-00 Vfd. Model: EM2515T Serial: Z032250170 | Baggage Tunnel | 2004 |
| Air Handling Unit | AHU-1-7 35,000 / 19,000 cfm 60hp, 1775rpm, 10,000 / 4,000 outside air cfm Filters: 6ea. 20x20x2 18ea. 20x24x2 pleated 460volts, 60fullload amps, Vfd. Bearings DEG313 ODE 6311 belts 5vx930 4ea. | FIS First Floor rm.IAO.0304M | Model: WF-BD70 Serial: U100129-007-00 I.B.W190.HVAC0247 | First Level Baggage claim south and kennel area | 2004 |
| Air Handling Unit | AHU-1-1 50,000 / 30,000 cfm 75hp, 1775rpm, 15,000 / 6,000 outside air cfm filters: 16ea. 24x24x2 12ea. 20x24x2 pleated 460 volts, 85 full load amps bearings DEG313 ODE 6312 belts 5vx1150 6ea | FIS First Floor Lobby rm.IA1.0111.M | Model: WF-BD101 Serial: U100129-001-00 I.B.W190.HVAC0042 | First level meeting / greeting and lobby | 2004 |
| Air Handling Unit | AHU-1-6 35,000 / 19,000 cfm 60hp, 1775rpm, 10,000 / 4,000 outside air cfm filters: 6ea. 20x20x2 18 ea. 20x24x2 pleated 460 volts, 60full load amps bearings DEG313 ODE G311 | FIS First Floor rm.IA1.0801.M | Model: WF-BD70 Serial: U100129-006-00 I.B.W190.HVAC0225 | First level baggage claim south | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--|---|---|--------------|
| Air Handling Unit | AHU-1-2 50,000 / 30,000 cfm 75hp, 1775rpm, 15,000 / 6,000 outside air cfm filters: 28ea. 20x20x2 7ea. 20x24x2 pleated 460 volts, 85 full load amps belts 5vx1180 5ea. Bearings DE 6313 ODE 6312 | FIS First Floor rm. IA1.0491M Customs exit | Model: WF-BD101 I.B.W190.HVAC0063 | First level continental recheck aphis office, aphis mezzanine and uscs second north | 2004 |
| Air Handling Unit | AHU-1-3 50,000 / 25,000 cfm 75hp, 1775rpm, 9,000 outside air cfm filters: 7ea. 20x24x2 28 ea. 20x20x2 pleated vfd. Blets 6ea. Bx 120, bearings DEG313 ODE 6312 | FIS First Floor rm. IA1.0491M Customs exit | Model: WF-BD101 Serial: U100129003-00 I.B.W190.HVAC0064 | First level uscs office support uscs mezzanine and uscs second south | 2004 |
| Air Handling Unit | AHU-1-5 30,000 / 21,000 cfm 60hp, 1475rpm 10,000 / 4,000 outside air | FIS | Model:WFB070 Serial:U100129-005-00 I.B.W190.HVAC0253 | First level baggage claim north | 2004 |
| Air Handling Unit | AHU-2-15 24,270 cfm 20hp, 1015rpm 7,500 / 2,000 outside air cfm | FIS 2nd. Floor rm.IA2.0704 | Model: ITF-DH50 Serial:U100129-17-00 I.B.W190.HVAC0224 | Ins primary inspection north east | 2004 |
| Air Handling Unit | AHU-2-16 21,000 cfm 30hp, 1625rpm 9,500 outside air cfm | FIS rm.IA2.0704 | Model: WFB-D43 Serial:U100129-11-00 I.B.W190.HVAC0223 | Ins office support | 2004 |
| Air Handling Unit | AHU-2-17 20,000 cfm 20hp, 1450rpm 9,500 outside air cfm | FIS rm.IA2.0704 | Model: ITF-DH41 Serial: U100129-22-00 I.B.W190.HVAC0222 | INS primary inspection north exterior | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--------------------------------------|---|---------------------------------------|--------------|
| Air Handling Unit | AHU-2-18 24,700 cfm 120hp, 1450rpm outside air cfm | FIS 2nd. floor rm. IA2.0807 | Model: WFB-DH50 Serial: U100129-18-00 I.B.W190.HVAC0250 | INS primary inspection north exterior | 2004 |
| Air Handling Unit | AHU-2-19 21,000 / 10,000 cfm 25hp, 1525rpm 2,700 outside air cfm | FIS 2nd. floor rm. IA2.0807 | Model: Serial: I.B.W190.HVAC0249 | INS secondary | 2004 |
| Air Handling Unit | AHU-2-20 4,000 cfm 3hp, 945rpm | FIS rm. IA2.0317M | Model: I.B.W190.HVAC0055 | Mechanical room 2M0327 | 2004 |
| Air Handling Unit | AHU-CL1 Trane 4-20x20x2 4-16x20x2 460/30 | Ticket lobby mezzanine lvl. | Model: MCCB021UAOCOIA Serial: K04C47248 I.B.W190.HVAC0080 | | 2004 |
| Air Handling Unit | AHU CL-2 Trane 6-16x20x1 6-16x20x2 16-charcoal 460/30 | Ticket lobby mezzanine lvl. | Model: MCCB012UAOCOUB Serial: K04C47466 I.B.W190.HVAC0046 | FIS Ticket Lobby | 2004 |
| Air Handling Unit | AHU CL3 Trane 16-12x24x4 48 charcoal 16x12x24x2 | Ticket lobby mezzanine lvl. | Model: MCCB035OAOCOUB Serial: K04C47479 I.B.W190.HVAC0045 | | 20005 |
| Air Handling Unit | AHU CL4 Trane 16-12x24x4 45 charcoal 16x12x24x2 460/30 | Ticket lobby mezzanine lvl. | Model: MCCB035UAOCOUB Serial: K04C47314 I.B.W190.HVAC0044 | | 2004 |
| Air Handling Unit | AHU CL5 Trane Could not open filter doors 460/30 | Ticket lobby mezzanine lvl. south | Model: MCCB035UAOCOIA Serial: K04C47507 I.B.W190.HVAC0082 | Ticket Lobby | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|---|--------------------------------------|---|-------------------------------------|--------------|
| Air Handling Unit | AHU CL6 Trane 460/30 | Ticket lobby mezzanine lvl. south | Model: MCCB035UAOCOYA I.B.W190.HVAC0048 | Ticket Lobby | 2004 |
| Air Handling Unit | AHU-CL7 Trane 16x20x1=6 16x20x2=6 16 charcoal | Ticket lobby mezzanine lvl. south | Model: MCCB012UAOCOUB Serial: K04C47483 I.B.W190.HVAC0083 | Ticket Lobby | 2004 |
| Air Handling Unit | AHU-C-L8 Trane 6-16x20x2 460/3 | Ticket lobby mezzanine lvl. south | Model: MCCB012UAOCOYA Serial: K04C47284 I.B.W190.HVAC0049 | Ticket Lobby | 2004 |
| Outside Air Unit | OAU-2-3 50hp, 1150rpm | FIS rm. IA2.0316 | Model: WF-DH85 Serial: U100129-13-00 I.B.W190.HVAC0100 | Pretreated outside air | 2004 |
| Outside Air Unit | OAU-2-3 VFD mfg. ABB | FIS rm. IA2.0316 | Model: ACH550-VDR-072A-4 Serial: 2182805586 | | 2004 |
| Outside Air Unit | OAU-2-4 50hp, 1220rpm | FIS rm. IA2.0316 | Model: WF-DH89 Serial: U100129-14-00 I.B.W190.HVAC0065 | Pretreated outside air | 2004 |
| Outside Air Unit | OAU-2-4 VFD mfg. ABB | FIS rm. IA2.0316 | Model: ACH550-VDR-072A-4 Serial: 2182805580 | | 2004 |
| Outside Air Unit | OAU-2-5 50hp, 1100rpm | FIS 2nd. floor rm. IA2.0807 | Model: WF-DH85 Serial: U100129-15-00 I.B.W190.HVAC0221 | Pretreated outside air | 2004 |
| Outside Air Unit | OAU-2-6 50hp, 1100rpm | FIS 2nd. floor rm. IA2.0807 | Model: Serial: U100129-16-00 I.B.W190.HVAC0248 | Pretreated outside air | 2004 |
| | HVU-B-1 25hp, 950 rpm | FIS baggage make up | Model: ITF-HV56 Serial: U100129-30-00 I.B.W190.HVAC0034 | Basement heating and ventilating | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|--|---------------------------------|---|----------------------------------|--------------|
| | HVU-B-1 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030904952 I.B.W190.HVAC0742 | | 2004 |
| | HVU-B-2 25hp, 950 rpm | FIS baggage make up | Model: ITF-HV56 Serial: U100129-31-00 I.B.W190.HVAC0006 | Basement heating and ventilating | 2004 |
| | HVU-B-2 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: I.B.W190.HVAC0743 | | 2004 |
| | HVU-B-3 25hp, 950 rpm | FIS baggage make up | Model: ITF-HV56 Serial: U100129-32-00 I.B.W190.HVAC0004 | Basement heating and ventilating | 2004 |
| | HVU-B-3 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030904951 I.B.W190.HVAC0743 | | 2004 |
| Chilled Water pump | CHP-1 Mfg. Aurora 411 2500gpm, 100hp, 110 design head, 460/3 volts, 1750 rpm, | FIS 2nd. Floor rm. IA2.0317M | Model: 8x10x15 I.B.W190.HVAC0056 | | 2004 |
| Chilled Water pump | CWP-1 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030604751 I.B.W190.HVAC0736 | | 2004 |
| Chilled Water Pump | CHP-2 Mfg. Aurora 411 2500gpm, 100hp, 110 design head, 460/3 volts, 1750 rpm, | FIS 2nd. Floor rm. IA2.0317M | Model: 8x10x15 I.B.W190.HVAC0057 | | 2004 |
| Chilled Water pump | CWP-2 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030604750 I.B.W190.HVAC0737 | | 2004 |
| Chilled Water Pump | CHP-3 Mfg. Aurora 411 2500gpm, 100hp, 110 design head, 460/3 volts, 1750 rpm, | FIS 2nd. Floor rm. IA2.0317M | Model: 8x10x15 I.B.W190.HVAC0058 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------------------------|---|---------------------------------|--|-------------|--------------|
| Chilled Water pump | CWP-3 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030400512 I.B.W190.HVAC0738 | | 2004 |
| Hot Water Pump | HWP-1 Mfg.Aurora 411 500gpm, 130 design head, 68 min eff., 30hp, 460/3 votls, 1750rpm, | FIS 2nd. Floor rm. IA2.0317M | Model: 3x4x14 I.B.W190.HVAC0091 | | 2004 |
| Hot Water Pump | HWP-1 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030907096 I.B.W190.HVAC0741 | | 2004 |
| Hot Water Pump | HWP-2 Mfg.Aurora 411 500gpm, 130 design head, 68 min eff., 30hp, 460/3 votls, 1750rpm | FIS 2nd. Floor rm. IA2.0317M | Model: 3x4x14 I.B.W190.HVAC0092 | | 2004 |
| Hot Water Pump | HWP-2 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 031001578 I.B.W190.HVAC0740 | | 2004 |
| Hot Water Pump | HWP-3 Mfg.Aurora 411 500gpm, 130 design head, 68 min eff., 30hp, 460/3 votls, 1750rpm | FIS 2nd. Floor rm. IA2.0317M | Model: 3x4x14 I.B.W190.HVAC0093 | | 2004 |
| Hot Water Pump | HWP-3 VFD mfg. Toshiba | FIS baggage make up | Model: E-3 Serial: 030907098 I.B.W190.HVAC0749 | | 2004 |
| HV-B-1 Hot Water Circulation Pump | HWCP-B-1 Mfg. B&G Series 109gpm, 35 design head, 58 min eff. 2hp, 460/3 volts, 1750rpm | FIS BMU HVU--1 | Model: 60 2A I.B.W190.HVAC0072 | | 2004 |
| HV-B-2 Hot Water Circulation Pump | HWCP-B-2 Mfg. B&G Series 109gpm, 35 design head, 58 min eff. 2hp, 460/3 volts, 1750rpm | FIS BMU HVU--2 | Model: 60 2A I.B.W190.HVAC0005 | | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------------------|---|--------------------------------|---|------------------|--------------|
| HV-B-3 Hot Water Circulation Pump | HWCP-B-3 Mfg. B&G Series 109gpm, 35 design head, 58 min eff. 2hp, 460/3 volts, 1750rpm | FIS BMU HVU--3 | Model: 60 2A I.B.W190.HVAC0003 | | 2004 |
| OJA-2-3 Hot Water Circulation Pump | HWCP-2-3 Mfg. B&G Series 67gpm, 35 design head, 57 min eff., 1 1/2hp, 460/3volts, 1750rpm | FIS rm. IA2.0316 | Model: 60 2A I.B.W190.HVAC0015 | | 2004 |
| OAU-2-4 Hot Water Circulation Pump | HWCP-2-4 Mfg. B&G Series 74gpm, 35 design head, 57 min eff., 1 ½ hp, 460/3 volts, 1750rpm | FIS rm. IA2.0316 | Model: 60 2A | | 2004 |
| OAU-2-5 Hot Water Circulation | HWCP-2-5 Mfg. B&G Series 64gpm, 35 design head, 56 min eff., 1 ½ hp, 460/3 volts, 1750rpm | FIS 2nd. floor rm. IA2.0704 | Model: 60 2A I.B.W190.HVAC0251 | | 2004 |
| OAU-2-6 Hot Water Circulation | HWCP-2-6 Mfg. B&G Series 64gpm, 35 design head, 56 min eff., 1 1/2hp, 460/3 volts, 1750rpm | FIS 2nd. floor rm. IA2.0807 | Model: 60 2A I.B.W190.HVAC0243 | | 2004 |
| Exhaust Fan | EF-B-1 45,000/23,000 cfm, 1.25 ext. sp., 570rpm, belt drive, 25hp, 460/3volts | FIS BMU | Model: ITF-CF90 ser. U100129-001-00 I.B.W190.HVAC0275 | Basement exhaust | 2004 |
| Exhaust Fan | EF-B-1 VFD mfg. Toshiba | FIS BMU | Model: E-3 Serial: 031002268 I.B.W190.HVAC0275 | | 2004 |
| Exhaust Fan | EF-B-2 45,000/23,000 cfm, 1.25 ext. sp., 570rpm, belt drive, 25hp, 460/3volts | FIS BMU | Model: ITF-CF90 ser. U100129-001-00 I.B.W190.HVAC0273 | Basement exhaust | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|------------------------------|--|---|--------------|
| Exhaust Fan | EF-B-2 VFD mfg. Toshiba | FIS BMU | Model: E-3 Serial: 031002280 I.B.W190.HVAC0273 | | 2004 |
| Exhaust Fan | EF-B-3 45,000/23,000 cfm, 1.25" ext. sp., 570rpm, belt drive, 25hp, 460/3volts | FIS BMU | Model: ITF-CF90 ser. U100129-001-00 I.B.W190.HVAC0272 | Basement exhaust | 2004 |
| Exhaust Fan | EF-B-3 VFD mfg. Toshiba | FIS BMU | Model: E-3 Serial:030907157 I.B.W190.HVAC0272 | | 2004 |
| Exhaust Fan | EF-B-4 1,100cfm, 1" ext. sp, 2149rpm, belt drive, ¾ hp, 460/3 volts, | FIS BMU | Model: Cook 90SQI-B I.B.W190.HVAC0274 | Basement pump room and machine room exhaust | 2004 |
| Exhaust Fan | EF-B-5 1,000cfm, 1" ext. sp., 2149rpm, belt drive, ¾ hp, 460/3 volts, | FIS basement rm. IA0.0704 | Model: Cook 90SQI-B I.B.W190.HVAC0267 | Basement pump room machine room and toilet exhaust | 2004 |
| Exhaust Fan | EF-B-6 700cfm, .75 ext. sp, 1767rpm, belt drive, 1/3 hp, 120/1 volts | FIS Lower South Roof | Model: Cook 90SQI-B explosion proof, epoxy coating I.B.W190.HVAC0268 | Battery charge hood room 0C0704 | 2004 |
| Exhaust Fan | EF-1-1 55cfm, .75 ext sp, 2865rpm, direct drive, 43 W hp, 120/1 volts | FIS Lower South Roof | Model: Fantech model no. REG100 (Granger stock no. 6C509) w/ speed controller I.B.W190.HVAC0726 | Clothes dryer vent booster exhaust fan- rm | 2004 |
| Exhaust Fan | EF-2-1 350cfm, 0.5" ext sp, 1514rpm, direct drive, 1/6 hp, 120/1 volts | FIS Lower South Roof | Model: Cook 80SQ15D w/ speed controller I.B.W190.HVAC0727 | Machine room 2M1203 exhaust fan | 2004 |
| Exhaust Fan | EF-R-1 3910cfm, 1" ext. sp, 1105rpm, belt drive, 1.5hp, 460/3 volts, | FIS Lower South Roof | Model: Cook Ace 195C 8B I.B.W190.HVAC0021 | Level 1 public restrooms sector 1 | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|-------------------------|--|---|--------------|
| Exhaust Fan | EF-R-2 4500cfm, 0.75"ext. sp, 959 rpm, belt drive, 1.5hp, 460/3 volts | FIS Lower South Roof | Model: Cook Ace 210C 8B I.B.W190.HVAC0022 | Level 1 USCS, level 2 public restrooms – sector 3 | 2004 |
| Exhaust Fan | EF-R-3 6005 cfm, 0.75" ext sp, 810rpm, belt drive, 2 hp, 460/3 volt | FIS Lower South Roof | Model: Cook Ace 245C 9B I.B.W190.HVAC0016 | Level 1 USCS area – sector 4 | 2004 |
| Exhaust Fan | EF-R-4 7380 cfm, 0.75" ext sp, 600 rpm, belt drive, 2hp, 460/3 volts | FIS Lower South Roof | Model: Cook Ace 300C 9B I.B.W190.HVAC0013 | Level 2 public rest rooms sector 4 | 2004 |
| Exhaust Fan | EF-R-5 5000cfm, 0.75"extsp, 877rpm, belt drive, 1.5hp, 460/3 volts, | FIS Lower South Roof | Model: Cook Ace 225C 8B I.B.W190.HVAC0242 | Level 2 public restrooms level 2 ins admin. –sector 7 | 2004 |
| Exhaust Fan | EF-R-6 4200cfm, 0.75"extsp, 921rpm, belt drive, 2hp, 460/3 | FIS Lower South Roof | Model: Cook Ace 210C 7B I.B.W190.HVAC0207 | Level 1 K-9, level 2 ins second – sector 8 | 2004 |
| Exhaust Fan | EF-R-7 1200cfm, 0.5"extsp, 1085rpm, belt drive, ¼ hp, 460/3 volts | FIS Lower South Roof | Model: Cook Ace 135C 3B I.B.W190.HVAC0028 | Level 2 smoking lounge sectors 3&4 | 2004 |
| Exhaust Fan | EF-R-8 2490cfm, 0.75"extsp, 1165rpm, belt drive, ¾ hp, 460/3 volts | FIS Lower South Roof | Model: Cook Ace 165C 6B I.B.W190.HVAC0025 | Level 1 APHIS and level 2 transit area restroom | 2004 |
| Exhaust Fan | EF-R-9 400cfm, 0.5"extsp, 1419rpm, belt drive, ¼ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 80C 2B I.B.W190.HVAC0728 | Trash room 1A0722 | 2004 |
| Exhaust Fan | EF-R-10 475cfm, 0.5"extsp, 1716rpm, belt drive, ¼ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 80C 3B I.B.W190.HVAC0026 | Dock area jan. 1A0729 and jan. storage 1A0730 | 2004 |
| Exhaust Fan | EF-R-11 300cfm, 3.0" 1615rpm, belt drive, 1/3hp, 120/1 volts | FIS Lower South Roof | Model: Peerless L-07 I.B.W190.HVAC0010 | Isolation room 1G0340 | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------|--|-------------------------|--|---|--------------|
| Exhaust Fan | EF-R-12 900cfm, 2.0"extsp, 2300rpm, belt drive, 3/4hp, 460/3 volts | FIS Lower South Roof | Model: Peerless Ultrafan pak 105E I.B.W190.HVAC0018 | Fume hood- disposal 1G0341 | 2004 |
| Exhaust Fan | EF-R-13 900cfm, 2.0"extsp, 2300rpm, belt drive, ¾ hp, 460/3 volts | FIS Lower South Roof | Model: Peerless Ultrafan pak 105E I.B.W190.HVAC0014 | Fume hood- lab 1G0342 | 2004 |
| Exhaust Fan | EF-R14 100cfm, 0.75"extsp, 1598rpm, belt drive, 1/4hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 60C-2B I.B.W190.HVAC0023 | Level 1 USCS Narcotic storage vault room 1G0487 | 2004 |
| Exhaust Fan | EF-R-15 2000cfm, 0.5"extsp, 1172rpm, belt drive, ½ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 150C 5B I.B.W190.HVAC0729 | Level 2 bridges ventilation | 2004 |
| Exhaust Fan | EF-R-16 2000cfm, 0.5"extsp, 1172rpm, belt drive, ½ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 150C 5B I.B.W190.HVAC0017 | Level 2 bridges ventilation | 2004 |
| Exhaust Fan | EF-R-17 2000cfm, 0.5"extsp, 1172rpm, belt drive, ½ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 150C 5B I.B.W190.HVAC0020 | Level 2 bridges ventilation | 2004 |
| Exhaust Fan | EF-R-18 2000cfm, 0.5"extsp, 1172rpm, belt drive, ½ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 150C 5B | Level 2 bridges ventilation | 2004 |
| Exhaust Fan | EF-R-19 8000cfm, 1.5"extsp, 918rpm, belt drive, 5hp, 460/3 volts | FIS Lower South Roof | Model: Cook VCR-HP 300VH 11B | Level 2 Concessions room 2L0413 | 2004 |
| Exhaust Fan | EF-R-20 700cfm, 0.5extsp, 1618rpm, belt drive, ¼ hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 100C-2B explosion proof epoxy coating | Battery charge hood room 1A0013 | 2004 |
| Exhaust Fan | EF-R-21 700cfm, 1.0"extsp, 1918rpm, belt drive, 1/3 hp, 120/1 volts | FIS Lower South Roof | Model: Cook Ace 100C-3B explosion roof epoxy coating | Battery charge hood room 2C0417 | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|---|-------------------------|---|--------------------|---------------------|
| Air Curtain Fan | ACF-B-1 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS I.B.W190.HVAC0071 | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-2 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS I.B.W190.HVAC0070 | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-3 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS I.B.W190.HVAC0069 | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-4 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS I.B.W190.HVAC0300 | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-5 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS I.B.W190.HVAC0020 | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-6 8000cfm, 1750rpm, direct drive, 2@1 hp, 460/3 volts | FIS BMU | Model: Mars 96-CHS | Air curtain | 2004 |
| Air Curtain Fan | ACF-B-7 5100cfm, 1750rpm, direct drive, 2@1/2 hp, 120/1 volts | FIS Lower South Roof | Model: Mars 72-CH I.B.W190.HVAC0213 | Air Curtain | 2004 |
| Air Curtain Fan | ACF-B-8 5100cfm, 1750rpm, direct drive, 2@1/2 hp, 120/1 volts | FIS Lower South Roof | Model: Mars 72-CH I.B.W190.HVAC0214 | Air Curtain | 2004 |
| Air Curtain Fan | ACF-B-9 5100cfm, 1750rpm, direct drive, 2@1/2 hp, 120/1 volts | FIS Lower South Roof | Model: Mars 72-CH I.B.W190.HVAC0215 | Air Curtain | 2004 |
| Air Curtain Fan | ACF-B-10 5100cfm, 1750rpm, direct drive, 2@1/2 hp, 120/1 volts | FIS Lower South Roof | Model: Mars 72-CH I.B.W190.HVAC0235 | Air Curtain | 2004 |
| Air Curtain Fan | ACF-B-11 5100cfm, 1750rpm, direct drive, 2@1/2 hp, 120/1 volts | FIS Lower South Roof | Model: Mars 72-CH I.B.W190.HVAC0236 | Air Curtain | 2004 |
| Air Curtain Fan | ACF-1-1 5100cfm, 1750rpm, direct drive, 2@1/2, 120/1 volts | FIS Loading dock | Model: Mars 72-CH I.B.W190.HVAC0201 | Air Curtain | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|---|-------------------------------------|---|------------------------|--------------|
| Hot Water Heat Exchanger | HEX-1 189gpm, 300ent temp, 192lvg. Temp, 0.78 max p.d, 4 passes, Secondary: 500gpm, 150ent temp, 190 lvg temp, 5.64 max p.d., 10,000 capacity mbtuh | FIS 2nd. Floor rm. IA2.0317M | Model: Taco G24412-10L w/ saddle I.B.W190.HVAC0088 | Heating hot water | 2004 |
| Hot Water Heat Exchanger | HEX-2 189gpm, 300ent temp, 192lvg. Temp, 0.78 max p.d, 4 passes, Secondary: 500gpm, 150ent temp, 190 lvg temp, 5.64 max p.d., 10,000 capacity mbtuh | FIS 2nd. Floor rm. IA2.0317M | Model: Taco G24412-10L w/ saddle I.B.W190.HVAC0089 | Heating hot water | 2004 |
| Hot Water Heat Exchanger | HEX-3 189gpm, 300ent temp, 192lvg. Temp, 0.78 max p.d, 4 passes, Secondary: 500gpm, 150ent temp, 190 lvg temp, 5.64 max p.d., 10,000 capacity mbtuh | FIS 2nd. Floor rm. IA2.0317M | Model: Taco G24412-10L w/ saddle I.B.W190.HVAC0090 | Heating hot water | 2004 |
| Electric Steam Humidifier | ESH-1-1 6 lb/hr, 7 unit amp, 277/1 volts | FIS | Model: Armstrong EFU-700 w/ D-1 steam dispersion tube | FWS exam 1G0438 | 2004 |
| Electric Steam Humidifier | ESH-1-1 6 lb/hr, 7 unit amp, 277/1 volts | FIS | Model: Armstrong EFU-700 w/ D-1 steam dispersion tube | USPHS isolation 2G0872 | 2004 |
| Outside Air intake | OAI-R-1 Type: gravity, 19000 cfm, 48 neck size, 0.20 max sp. No damper | FIS | Model: Cook 48TR w/ roof curb | Outside air to OAU 2-3 | 2004 |
| Outside Air intake | OAI-R-2 Type: gravity, 19000 cfm, 48 neck size, 0.20 max sp. No damper | FIS | Model: Cook 48TR w/ roof curb | Outside air to OAU 2-3 | 2004 |
| Outside Air Intake | OAI-R-3 Type: gravity, 21000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurb | Outside air to OAU 2-4 | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|---|-----------------|------------------------------|--------------------------|---------------------|
| Outside Air Intake | OAI-R-4 Type: gravity, 21000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurb | Outside air to OAU 2-4 | 2004 |
| Outside Air intake | OAI-R-5 Type: gravity, 18000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurd | Outside air to OAU 2-5 | 2004 |
| Outside Air intake | OAI-R-6 Type: gravity, 18000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurb | Outside air to OAU 2-5 | 2004 |
| Outside Air Intake | OAI-R-7 Type: gravity, 18000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurb | Outside air to OAU 2-6 | 2004 |
| Outside Air Intake | OAI-R-8 Type: gravity, 18000 cfm, 48 neck size, 0.20 max sp, no damper | FIS | Model: Cook 48TR w/ roofcurb | Outside air to OAU 2-6 | 2004 |
| Relief air vent | RAV-R-1 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |
| Relief air vent | RAV-R-2 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |
| Relief air vent | RAV-R-3 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |
| Relief air vent | RAV-R-4 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |
| Relief air vent | RAV-R- 5 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|--|-----------------------|---|---|--------------|
| Relief air vent | RAV-R-6 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 42TR w/ roofcurb | Building pressure relief | 2004 |
| Relief Air vent | RAV-R-7 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 8TR w/ roofcurb | Building pressure relief | 2004 |
| Relief Air vent | RAV-R-8 Type: gravity, 15000cfm, 42 neck size, 0.25 max sp, w/ damper | FIS | Model: Cook 8TR w/ roofcurb | Building pressure relief | 2004 |
| Electric duct Heater | EDH-P-1 mfg. Indeeco 3.5kw, 277/1 volts, 1400 cfm, 18"wx14"h | FIS lvl. 8 D/E garage | Model: Reddi- heat 'R' w/ flow switch I.B.W190.HVAC0256 | Elevator machine room for elevators E53,E54 | 2004 |
| Electric Duct Heater | EDH-P-2 mfg. Indeeco 3.5kw, 277/1 volts, 1400 cfm, 18"wx14"h | FIS lvl. 8 D/E garage | Model: Reddi- heat 'R' w/ flow switch I.B.W190.HVAC0254 | Elevator machine room for elevators E51,E52 | 2004 |
| Electric Infra-red Heater | IRH-1 6.4kw, 480/1 | FIS Loading dock | Model: Reznor ERIH-6.4 electrix radiant high density process heater, dual incoloy element, with weatherroof terminal box and protective screen I.B.W190.HVAC0202 | | 2004 |
| Electric Infra-red Heater | IRH-2 6.4kw, 480/1 | FIS Loading dock | Model: Reznor ERIH-6.4 electrix radiant high density process heater, dual incoloy element, with weatherroof terminal box and protective screen I.B.W190.HVAC0245 | | 2004 |
| Electric Infra-red Heater | IRH-3 6.4kw, 480/1 | FIS Loading dock | Model: Reznor ERIH-6.4 electrix radiant high density process heater, dual incoloy element, with weatherroof terminal box and protective screen I.B.W190.HVAC0244 | | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|---|---|---|--|--------------|
| Electric Infra-red Heater | IRH-4 6.4kw, 480/1 | FIS Loading dock | Model: Reznor ERIH-6.4 electric radiant high density process heater, dual incoloy element, with weatherroof terminal box and protective screen I.B.W190.HVAC0203 | | 2004 |
| Fan Coil Unit | FCU-T-1 2490cfm, 460 volts, phase 3, 2hp | FIS | Model: International HBA-30 I.B.W190.HVAC0732 | Existing itt station mezzanine mechanical room | 2004 |
| Fan Coil Unit | FCU-B-1 700 cfm, 120 single volts, 1/5 hp | FIS | Model: International HPY-08 I.B.W190.HVAC0261 | Machine room OMO306 | 2004 |
| Fan Coil Unit | FCU-B- 2 1150 cfm, 120 single volts, 1/8 hp | FIS | Model: International HPY-12 I.B.W190.HVAC0260 | Machine Room OMO309 | 2004 |
| Fan Coil Unit | FCU-B-3 400cfm, 120single volts, 1/8hp | FIS | Model: International BPY-04B I.B.W190.HVAC0262 | Tele communications OT0307 | 2004 |
| Fan Coil Unit | FCU-B-4 850 cfm, 120 single volts, ¼ hp | FIS basement rm.IA0.0319M inside door IA0.0317 | Model: International HPY-10 I.B.W190.HVAC0269 | Electrical room 0E0314 | 2004 |
| Fan Coil Unit | FCU-B-5 400 cfm, 120 single volts, 1/8 hp | FIS | Model: International BPY-04B I.B.W190.HVAC0266 | Tele communications OT0707 | 2004 |
| Fan Coil Unit | FCU-B-6 700 cfm, 120 single volts, 1/5 hp | FIS | Model: International HPY-08 I.B.W190.HVAC0265 | Machine room OMO706 | 2004 |
| Fan Coil Unit | FCU-B-7 400cfm, 120 single volts, 1/8hp | FIS | Model: International BPY-04B I.B.W190.HVAC0068 | Tele communications room OT0804 | 2004 |
| Fan Coil Unit | FCU-B-8 1850cfm, 120 single volts, ¼ hp | FIS | Model: International HPY-16 I.B.W190.HVAC0007 | Machine room OM0805 | 2004 |
| Fan Coil Unit | FCU-B-9 400cfm, 120 single volts, 1/8 hp, | FIS | Model: International BPY-04B I.B.W190.HVAC0287 | Tele communications room OTO407 | 2004 |
| Fan Coil Unit | FCU-B-10 1025 cfm, 120 single volts, 1/8 hp | FIS | Model: International HPY-12 I.B.W190.HVAC0008 | Basement level baggage OAO809 | 2004 |
| Fan Coil Unit | FCU-B-11 1200 cfm, 120 single volts , 1/8 hp | FIS BMU rm.IA0.0801M | Model: International HPY-12 I.B.W190.HVAC0008 | Basement level bag support OA082 | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|---|----------------------|--|---|---------------------|
| Fan Coil Unit | FCU-B-12 1600cfm, 120 single volts, ¼ hp | FIS | Model: International HPY-16 I.B.W190.HVAC0032 | Basement building systems OMO803 | 2004 |
| Fan Coil Unit | FCU-B-13 400cfm, 120 single volts, 1/8 hp | FIS | Model: International HXY-04 | Tele communications OTO407 | 2004 |
| Fan Coil Unit | FCU-1-1 800cfm, 460 volts, ¼ hp | FIS | Model: International HPY-10 | Stairs | 2004 |
| Fan Coil Unit | FCU-1-2 800 cfm, 460 volts, ¼ hp | FIS | Model: International HPY-10 | Stairs | 2004 |
| Fan Coil Unit | FCU-P-1 1400 cfm, 120 single volts, 1/5 hp | FIS D/E garage lvl.8 | Model: International HXY-14 I.B.W190.HVAC0255 | Penthouse elevator machine room PM0101 | 2004 |
| Fan Coil Unit | FCU-P-2 1400 cfm, 120 single volts, 1/5 hp | FIS D/E garage lvl.8 | Model: International HXY-14 I.B.W190.HVAC0257 | Penthouse elevator machine room PM0101 | 2004 |
| Fan Coil Unit | FCU-2-1 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-2 1710 cfm, 460 volts, phase 3 1 1/2hp | FIS | Model: International HBA-16 | Thru 2-4, 2-8, 2-9 secure bridge 2P1101 & 2P0105 | 2004 |
| Fan Coil Unit | FCU-2-3 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-4 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-5 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | Thru 2-6, 2-7 secure bridge 2P1102 | 2004 |
| Fan Coil Unit | FCU-2-6 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------|--|----------|-----------------------------|--|--------------|
| Fan Coil Unit | FCU-2-7 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-8 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-9 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-10 2460 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-30 | Thru 2-11,2-12,2-13 secure bridge 2P201 | 2004 |
| Fan Coil Unit | FCU-2-11 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | Thru 2-6, 2-7 secure bridge 2P1102 | 2004 |
| Fan Coil Unit | FCU-2-12 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-13 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-14 1590 cfm, 460 volts, phase 3, 2hp | FIS | Model: International HBA-16 | Thru 2-15,2-16,2-17,2-18,2- 19,2-20 sterile bridge 2P1104 | 2004 |
| Fan Coil Unit | FCU-2-15 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-16 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-17 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-18 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|--|----------------------------|--|--|---------------------|
| Fan Coil Unit | FCU-2-19 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-20 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-21 3060 cfm, 460 volts, phase 3, 2 hp | FIS | Model: International HBA-30 | Thru 2-22,2-23,2-24, sterile bride 2P1202 | 2004 |
| Fan Coil Unit | FCU-2-22 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-23 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-24 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-25 600 cfm, 120 single volts, 1/8 hp | FIS | Model: International HPY-6 | Thru 2-26 stairs | 2004 |
| Fan Coil Unit | FCU-2-26 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS | Model: International HBA-16 | | 2004 |
| Fan Coil Unit | FCU-2-27 1000 cfm, 120 single volts, 1/8 hp | FIS | Model: International HPY-12 | stairs | 2004 |
| Fan Coil Unit | FCU-CL-1 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS ticket lobby mezzanine | Model: International HBA-16 I.B.W190.HVAC0079 | | 2004 |
| Fan Coil Unit | FCU-CL-2 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS ticket lobby mezzanine | Model: International HBA-16 I.B.W190.HVAC0043 | | 2004 |
| Fan Coil Unit | FCU-CL-3 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS ticket lobby mezzanine | Model: International HBA-16 I.B.W190.HVAC0047 | | 2004 |
| Fan Coil Unit | FCU-CL-4 1560 cfm, 460 volts, phase 3, 1 ½ hp | FIS ticket lobby mezzanine | Model: International HBA-16 I.B.W190.HVAC0081 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--|------------------------------------|--|---------------------------|--------------|
| Fan Coil Unit | FCU-2-28 1000 cfm, 120 single volts | FIS | Model: International HPY-12 | stairs | 2004 |
| | CRU1-1 Mfg. Liebert 1250 cfm, 24100 btu, 277 volts, single phase | FIS | Model: MME040C I.B.W190.HVAC0233 | USCS tecs 1G0430 | 2004 |
| | CRU1-2 Mfg. Liebert 1250 cfm, 24100 btu, 277 volts, single phase | FIS | Model: MME040C I.B.W190.HVAC0220 | Back up unit | 2004 |
| | CRU1-3 Mfg. Liebert 1250 cfm, 24100, 277 volts, single phase | FIS | Model: MME040C I.B.W190.HVAC0219 | Aphs computer room 1G0358 | 2004 |
| | CRU2-1 Mfg. Liebert 1250 cfm, 24100 btu, 277 volts, single phase | FIS | Model: MMEO-40C I.B.W190.HVAC0237 | Ins 2G0768 | 2004 |
| | CRU2-5 Mfg. Liebert 1250 cfm, 24100 btu, 277 volts, single phase | FIS | Model: MMEO-40C I.B.W190.HVAC0212 | INS back up unit | 2004 |
| | CRU2-2 Mfg. Liebert 5250, 88200 btu, 480 volts, phase 3 | FIS 2nd. Floor rm.IA2.0319T.MDF | Model: FH147C I.B.W190.HVAC0238 | MDF 2K0322 | 2004 |
| | CRU2-3 Mfg. Liebert 5250, 88200 btu, 480 volts, phase 3 | FIS | Model: FH147C I.B.W190.HVAC0211 | MDF 2K0322 | 2004 |
| | CRU2-4 Mfg. Liebert 5250, 88200 btu, 480 volts, phase 3 | FIS | Model: FH147C I.B.W190.HVAC0210 | Back up unit | 2004 |
| VAV Double Duct Box | DD-1-1-1 575cfm 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|--------------------|-----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-1-2 800cfm 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-3 1500cfm 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-4 1800cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-5 1800cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-6 1800cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-7 1600cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-8 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-9 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-10 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-11 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-12 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-13 1200CFM, 12" inlet size | FIS First Level | Model: Titues DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-1-14 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-15 1200cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-16 1750cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-17 2000cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-18 2000cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-19 1000cfm 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-1-20 1400cfm 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-1-21 2000cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-22 2000cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-23 2000cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-24 1050cfm 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-1-25 1800cfm 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-26 600 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-27 1800CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-28 990CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-29 1010CFM, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-1-30 1800CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-31 1800CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-32 1600CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-33 1600CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-34 350CFM, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-1-35 1800CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-1-36 500CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-37 1400CFM, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|---------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-1-38 1400cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-1-39 600cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-40 450CFM, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-1-41 600CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-42 300CFM, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-1-43 350CFM, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-1-44 1000CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-45 990CFM, 10" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-46 990CFM, 10" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-1-47 990CFM, 10" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-1 1000CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-2 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-3 1000CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-4 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-5 1000CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-6 1000cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-7 1750CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-8 2000CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-2-9 2000CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-10 2000CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-11 2000CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-12 1600CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-13 800CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-14 600CFM, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-15 1200CFM, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-16 500CFM, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-2-17 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-18 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-19 1575cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-20 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-21 1575cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-22 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-23 1225cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-24 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-25 1225cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-26 1750cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-2-27 1225cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-28 1245 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-29 1245cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-30 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-31 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-32 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-33 1000cfm, 10' inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-2-34 1080cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-2-35 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-36 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-37 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-2-38 270cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-1 600cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-2 600cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-3 660 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-4 1360 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-5 730 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-6 750 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-3-7 820 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-8 230 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-9 640 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-10 750 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-11 1050 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-3-12 265 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-13 940 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-14 640 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-15 260 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-16 400 cfm, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-17 600 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-18 1360 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-3-19 1500 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-20 720 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-21 620 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-22 1200 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-3-23 820 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-24 225 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-3-25 240 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-26 140 cfm, 6" inlet size | FIS First Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-27 960CFM, 10" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-28 180CFM, 6" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-29 320CFM, 8" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-30 300CFM, 8" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-31 1210 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-32 500 cfm, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-33 790 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-34 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-35 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-36 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-37 900 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-38 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-39 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-40 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-3-41 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-42 1675cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|------------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-3-43 1175 cfm, 12" inlet size | FIS First Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-3-44 940cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-45 1000cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-46 800cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-47 400cfm, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-48 400cfm, 8" inlet size | FIS First Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-49 700cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-50 300CFM, 6" INLET SIZE | FIS MEZZANINE LEVEL | MODEL: TITUS DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-51 495CFM, 8" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-3-52 160CFM, 6" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-3-53 640CFM, 10" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-3-54 700cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-1 2025CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-2 2790CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-4-3 500CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-4-4 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-5 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-6 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-4-7 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-8 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-9 1000 cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-4-10 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-11 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-12 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-13 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-14 1520 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-15 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-16 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-17 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-18 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-19 1520 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-20 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-21 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-22 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-4-23 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-1 400CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 8 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-5-2 975CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-5-3 550CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-5-4 800CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-5-5 700CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-5-6 520CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-5-7 525CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-5-8 1400CFM, 12" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-1-5-9 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-10 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-11 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-12 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-13 1900CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-14 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-15 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-16 2000CFM, 14" INELT SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-17 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-18 1520 CFM, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-19 2000cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-5-20 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-21 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-5-22 2000 cfm, 14" inlet size | FIS First Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-1 2040CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-2 2790CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-6-3 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-4 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-5 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-6 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-7 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-8 1000CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUD DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-9 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-10 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-6-11 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-12 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-13 2800CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-6-14 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-15 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|--------------------|-----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-6-16 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-17 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-18 2800CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-6-19 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-20 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-21 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-22 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-6-23 2800CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-7-1 850CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUSE DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-7-2 370CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUSE DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-1-7-3 220CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-7-4 565CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-7-5 200CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-1-7-6 650CFM, 10" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-7-7 560CFM, 10" INLET SIZE | FIS MEZZANINE | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-7-8 1400CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-9 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-10 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|--------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-1-7-11 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-12 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-13 700CFM, 10" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-1-7-14 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-15 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-16 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-17 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-18 2800CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-1-7-19 2000CFM, 14" INELT SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-20 2000cfm, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-21 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-22 2000CFM, 14" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-1-7-23 2800CFM, 16" INLET SIZE | FIS First Level | MODEL: TITUS DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-2-7-1 2000cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-2 1925cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-3 1800cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-4 2100cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-5 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |

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Attachment "C"**IAH Equipment Lists**

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|---------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-7-6 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-7-7 280cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-7-8 450cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-7-9 1575cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-10 1925cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-11 2150cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-12 300cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6" | | 2004 |
| VAV Double Duct Box | DD-2-7-13 1750cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-14 1750cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-7-15 400cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-7-16 1200cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-7-17 855cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-7-18 870cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-7-19 705cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-7-20 705cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-7-21 705cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-10-1 1600CFM, 14" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-2 1800cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|---------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-10-3 1800cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-4 1350cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-10-5 2000CFM, 14" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-6 2000CFM, 14" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-7 2000CFM, 14" INLET SIZE | FIS SECOND LEVEL | MODEL: TITUS DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-8 2000cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-9 2100cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-10 1950cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-11 2000cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-12 2250cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-13 1950cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-10-14 2550cfm, 16" inlet size | FIS Level 2 | Model: Titus DEDV 16 | | 2004 |
| VAV Double Duct Box | DD-2-10-15 300cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-10-16 300cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-14-1 855cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-2 510cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-3 2100cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-14-4 1750cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--------------------------------------|----------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-14-5 1750cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-14-6 1895cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-14-7 1925cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-14-8 2000cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-14-9 1000cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-10 650cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-11 300cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-14-12 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-13 350cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-14-14 350cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-14-15 790cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-16 700cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-17 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-18 350cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-14-19 750cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-20 790cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-21 700cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-14-22 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--|---------------------|-----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-16-1 270cfm, 6" inlet size | FIS Second Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-16-2 775cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-3 570cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-4 1200cfm, 12" inlet size | FIS Second Level | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-16-5 540cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-6 700cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-7 650cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-8 1500cfm, 14" inlet size | FIS Second Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-16-9 750cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10" | | 2004 |
| VAV Double Duct Box | DD-2-16-10 830cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-11 700cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-12 970cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-13 260cfm, 6" inlet size | FIS Second Level | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-16-14 700cfm, 10" inlet size | FIS Second Level | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-16-15 310 cfm, 8" inlet size | FIS Second Level | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-16-16 2080 cfm, 14" inlet size | FIS Second Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-16-17 1910 cfm, 14" inlet size | FIS Second Level | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-16-18 1800cfm, 14" inlet size | FIS Second Level | Model: Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|----------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-19-1 190CFM, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-19-2 670cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-3 850cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-4 880cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-5 880cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-6 1090cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-7 400cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-19-8 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-9 450cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-19-10 320cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Double Duct Box | DD-2-19-11 540cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-12 475cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-13 710cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-14 600cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Double Duct Box | DD-2-19-15 1110cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-16 190cfm, 6" inlet size | FIS Level 2 | Model: Titus DEDV 6 | | 2004 |
| VAV Double Duct Box | DD-2-19-17 1080cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-18 2080cfm, 14" inlet size | FIS Level 2 | Model; Titus DEDV 14 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---------------------------------------|---------------------|----------------------|-------------|--------------|
| VAV Double Duct Box | DD-2-19-19 1910cfm, 14" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Double Duct Box | DD-2-19-20 1800cfm, 12" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Double Duct Box | DD-2-19-21 380cfm, 8" inlet size | FIS Level 2 | Model: Titus DEDV 8 | | 2004 |
| VAV Single Duct Box | TU-1-1-1 800cfm, 10" inlet size | FIS First Level | Model: Titus DEDV 10 | | 2004 |
| VAV Single Duct Box | TU-1-2-1 400cfm, 6" inlet size | FIS First Level | Model: Titus DESV 6 | | 2004 |
| VAV Single Duct Box | TU-1-2-2 800cfm, 10" inlet size | FIS First Level | Model: Titus DESV 10 | | 2004 |
| SINGLE DUCT VAV BOX | TU-1-2-3 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 6 | | 2004 |
| VAV Single Duct Box | TU-1-3-1 400cfm, 6" inlet size | FIS First Level | Model: Titus DESV 6 | | 2004 |
| VAV Single Duct box | TU-1-3-2 400cfm, 6" inlet size | FIS First Level | Model: Titus DESV 6 | | 2004 |
| SINGLE DUCT VAV BOX | TU-1-5-1 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 6 | | 2004 |
| SINGLE DUCT VAV BOX | TU-1-5-2 800CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUS DESV 8 | | 2004 |
| SINGLE DUCT VAV BOX | TU-1-7-1 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 6 | | 2004 |
| SINGLE DUCT VAV BOX | TU-1-7-2 820CFM, 8" INLET SIZE | FIS First Level | MODEL: TITUS DESV 8 | | 2004 |
| VAV Single Duct Box | TU-2-7-1 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Single Duct Box | TU-2-14-1 800cfm, 8" inlet size | FIS Level 2 | Model: Titus DESV 8 | | 2004 |
| VAV Single Duct Box | TU-2-14-2 400CFM, 6" inlet size | FIS Level 2 | Model: Titus DESV 6 | | 2004 |
| VAV Single Duct Box | TU-2-14-3 800cfm, 8" inlet size | FIS Level 2 | Model: Titus DESV 8 | | 2004 |
| VAV Single Duct Box | TU-2-16-1 500cfm, 8" inlet size | FIS Second Level | Model: Titus DESV 8 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|-------------------------------------|---------------------|----------------------|-------------|--------------|
| VAV Single Duct Box | TU-2-16-2 800cfm, 8" inlet size | FIS Second Level | Model: Titus DESV 8 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-2 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 6 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-3 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 7 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-4 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 8 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-5 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 9 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-6 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 10 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-7 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 11 | | 2004 |
| SINGLE DUCT VAV BOX | TU-CL-2-8 400CFM, 6" INLET SIZE | FIS First Level | MODEL: TITUS DESV 12 | | 2004 |
| VAV Single Duct Box | TU-CL-7-3 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 10 | | 2004 |
| VAV Single Duct Box | TU-CL-7-4 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 11 | | 2004 |
| VAV Single Duct Box | TU-CL-7-5 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 12 | | 2004 |
| VAV Single Duct Box | TU-CL-7-6 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 13 | | 2004 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|--|--|--|-----------------|--------------|
| VAV Single Duct Box | TU-CL-7-7 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 14 | | 2004 |
| VAV Single Duct Box | TU-CL-7-8 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 15 | | 2004 |
| VAV Single Duct Box | TU-CL-7-9 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 16 | | 2004 |
| VAV Single Duct Box | TU-CL-7-10 800cfm, 10" inlet size | FIS Level 2 | Model: Titus DEDV 17 | | 2004 |
| FCU #4 DUPLICATE | N.I.A. | 500 M build out south | N.I.A | Ticket Lobby | 2004 |
| Fan coil unit | FCU-1 1-16x30x1 | FIS BID APM Station Mechanical Room | Model: I.B.W190.HVAC0052 | Mechanical Room | 2004 |
| Fan coil unit | FCU-2 1-16x30x1 | FIS BID APM Station Mechanical Room | I.B.W190.HVAC0089 | Mechanical room | 2004 |
| Air Handling Unit | AHU-1 Mfg. Temptrol 20hp, 3-bx60 belts 8-20x25x2 480/277 | FIS BID APM Station Mechanical Room | Model: WF-BZ24 Serial: U100152-001-00 I.B.W190.HVAC0051 | APM Station | 2004 |
| Air handling unit | AHU-2 Mfg. Temptrol 20hp, 3-bx55 belts, 8-20x25x2 filters 480/277 | FIS BID APM Station Mechanical Room | Model: WF-B2 21 Serial: U100152-002-00 I.B.W190.HVAC0086 | APM Station | 2004 |
| Outside AHU | OAHU-3 Mfg. Temptrol 480/277 prefilters 4-24x24x2, 2- 24x24x12, 2-8x24x12 | FIS BID APM Station Mechanical Room | Model: WF-DH10 Serial: U100-152-003-00 I.B.W190.HVAC0050 | Mechanical Room | 2004 |
| Air compressor | A/C 1 Dual- 1/3 hp, 1725 rpm, 480/277 | FIS BID APM Station Mechanical Room | I.B.W190.HVAC0084 | APM Station | 2004 |
| Air dryer | Mfg. Hankison r-134-A 110 volt | | Model: HPR5-10 Serial: H510A1150308086 | | 2004 |
| Air compressor | IAC Dual- 1/3 hp, 1725 rpm, 480/277 | FIS 2nd. Floor rm.IA2.0317M | I.B.W190.HVAC0053 | | 2004 |
| Air dryer | Mfg. Hankison r-134-A 110 volt | FIS 2nd. Floor rm.IA2.0317M | Model: HPRP25-115 Serial: HO25A1150308758 | | 2004 |

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FIS BUILDING 45 pages C.F.M. – Cubic Feet Per Minute G.P.M.. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power - NIC Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|--|------------------------------------|--|---|--------------|
| WMAC | Window mount air conditioner mfg. Friedrich | D/E Garage lvl. 2 NSP Valet booth | N/A | Valet Booth | Unknown |
| RTU-1 | Roof Top air conditioner | lvl. 1 passenger pickup taxi booth | N/A | Taxi booth | Unknown |
| PU-1 | Package Unit air conditioner mfg. Munters | lvl. 1 D/E garage exit | N/A | 9 exit toll booths | Unknown |
| CP-1 | Condensate pump | lvl. 1 D/E garage exit | N/A | for Munters package unit | Unknown |
| CP-2 | Condensate pump | lvl. 1 D/E garage exit | N/A | for Munters package unit | Unknown |
| PU-2 | Package Unit air conditioner mfg. Carrier | lvl. 1 D/E garage exit | N/A | New South Parking offices | Unknown |
| PU-3 | Package Unit air conditioner mfg. York | lvl. 1 D/E garage exit | mod. DMO36C00A2AAA1A ser. NUMM141101 | IDF Room | Unknown |
| EF-1 | Exhaust Fan | lvl. 1 D/E garage exit | N/A | New South Parking office restroom | Unknown |
| RTU-P-1 | Roof Top Unit Trane | lvl. 8 D/E Garage | N/A I.B.W190.HVAC0062 | Elevator machine room for E65,E66,E67,E68 elevators | Unknown |
| EF-1 | Exhaust Fan | lvl. 8 D/E Garage | N/A I.B.W190.HVAC0060 | Elevator machine room for E65,E66,E67,E68 elevators | Unknown |
| EV-1 | Exhaust Vent | lvl. 8 D/E Garage | N/A I.B.W190.HVAC0061 | Elevator machine room for E65,E66,E67,E68 elevators | Unknown |
| WMAC-1 | Wall mount air conditioner mfg. Bard | lvl. 8 D/E Garage | ser.324K1229377920-02 I.B.W190.HVAC0259 | Radio Room | Unknown |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|--------------------------------------|--|---------------------------------------|--------------|
| WMAC-2 | Wall mount air conditioner mfg. Bard | lvl. 8 D/E Garage | ser.324K1229377927-02 I.B.W190.HVAC0258 | Radio Room | Unknown |
| AHU-SR | Air Handling Unit mfg. Carrier | lvl. 7 D/E Garage room DEG7.7008M | mod.50BYN00861 ser.1003B67487 I.B.W190.HVAC0277 | Radio room lvl.8 and UPS room | 2000 |
| CDC EF-1 | Exhaust Fan mfg .Cook 3/4hp 3450 RPM 460V3ph. 550 cfm @ 1.25" SP/2823 Fan RPM | FIS East Roof | mod. 100TCNHBLE5-M ser. 175SC23387-0000701 I.B.W190.HVAC0209 | CDC Isolation Room | Sep-08 |
| CDC EF-2 | Exhaust Fan mfg .Cook 3/4hp 3450 RPM 460V3ph. 550 cfm @ 1.25" SP/2823 Fan RPM | FIS East Roof | mod. 100TCNHBLE5-M ser. 175SC23387-0004801 I.B.W190.HVAC0208 | CDC Isolation Room | Sep-08 |
| CDC-Filter | Bag Filter mfg. Flanders | CDC Isolation Room | mod.. BG1-1H1W-GGD-304-D1 filter# 0007D0803BU1100GGDU5 | CDC Isolation Room | Unknown |
| Fume Extractor 1 | Exhaust Hood mfg. Fisher Hamilton | CBP Lab Room | | CBP Lab Room | Unknown |
| Fume Extractor 2 | Exhaust Hood mfg. Fisher Hamilton | CBP Lab Room | | CBP Lab Room | Unknown |
| CBP-Filter | Bag Filter mfg. Flanders | FIS Pump Room | mod.. GF-GGF-304 filter# 0007W4300IU5100GGFU5 | CBP Isolation Room IA1.0352 ISOLET | Unknown |
| EF-CL-R2 | Exhaust Fan | FIS East Roof | Model: DX08B I.B.W190.HVAC0011 | | Unknown |
| EF-CL-R1 | Exhaust Fan | FIS East Roof | Model: DX11B I.B.W190.HVAC0027 | | Unknown |

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IAH Equipment Lists

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------|--|---|---|---|--------------|
| Outside AHU | York OAHU-PB-2 Volts/Phase/ Hertz: 460/3/60 10.2 F/A 7.5 HP 24 charcoal cells pleats and box filter | T-A/B Garage Room PB1M | Model: York/ AP105 Serial #: CKHM00742D | B-Side hallways in garage | 2000 |
| FCU-PB-4 | IEC FCU-115v, 1/10HP,890RPM | T-A/B Garage IDF RM, 7 th level | Model: IEC/HLY12 | Mechanical room | 2000 |
| FCU-A1 | IEC -FCU-115v, 1/10HP,890RPM | Main mech room sub 1 st level | Model: IEC/HLY12 | T-A Elevator Mechanical room | 2000 |
| FCU-A2 | IEC -FCU-115v, 1/10HP,890RPM | Main mech room sub 1 st level | Model: IEC/HLY12 | T-A Elevator Mechanical room | 2000 |
| FCU-PA1 | IEC- FCU-115v, 1/10HP,890RPM | Mechanical rm. PA1M Terminal A side | | PA1M Mmechanical room | Unknown |
| FCU-AB-2 | IEC- FCU-115v, 1/10HP,890RPM | T-A/B Garage walkway NE | Model: IEC/HLY12 | TA NE Mechanical room walkway to AB garage | 2000 |
| FCU-PB-1 | IEC- FCU-115v, 1/10HP,890RPM | T-A/B Garage 8 TH Floor | Model: IEC/HLY12 | T-B Elevator Mechanical room | 2000 |
| FCU-PB-2 | IEC- FCU-115v, 1/10HP,890RPM | T-A/B Garage 8 TH Floor | Model: IEC/HLY12 | T-B Elevator Mechanical room | 2000 |
| FCU-PB-5 | IEC- FCU-115v, 1/10HP,890RPM | T-A/B Garage 5th Floor | Model: IEC/HLY12 | T-B Elevator Mechanical room | 2000 |
| FCU-PB-1 | York FCU-115v, 1/10HP,890RPM | T-A/B Garage T-A Side mech room | Model:AP-500 | Mechanical room | 2000 |
| FCU-PB-2 | York FCU-115v, 1/10HP,890RPM | T-A/B Garage Room PB1M | Model:AP-500 | Mechanical room | 2000 |
| Heat exchanger, HE-B | Armstrong Heat exchanger 1710BTU HR,175GPM | T-A/B Garage Room PB1M | Model: Armstrong/ W105-24-1 Serial #: 421235 | B-Side hallways in garage | 2000 |
| Heat exchanger, HE-A | Armstrong Heat exchanger 1710BTU HR,175GPM | T-A/B Garage T-A side | Model: Armstrong/ W105-24-1 Serial #: 421235 | B-Side hallways in garage | 2000 |

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A/B Garage 5 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC-Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--|---|-------------------------------|--|---------------------------|--------------|
| Hot Water Cir. Pump HWP-PB1 | Armstrong | T-A/B Garage Room PB1M | Model:SG33 213 frame, 7.5 Hp, 1760 rpm, volts: 230/460 3 60, 175GPM, 70ft head | B-Side hallways in garage | 2000 |
| Hot Water Cir. Pump HWP-PA1 | Armstrong | T-A/B Garage | Model:SG33 213 frame, 7.5 Hp, 1760 rpm, volts: 230/460 3 60, 150GPM, 65ft head | A-Side hallways in garage | 2000 |
| Hot Water Cir. Pump | Armstrong 1/4 Hp, 1800 rpm, volts: 115/1/60; 30gpm,15ft head | T-A/B Garage | Model:4030 | B-Side hallways in garage | 2000 |
| Hot Water Cir. Pump PHWP-PA2 | Armstrong Series 1050 1/4 Hp, 1800 rpm, volts: 115/1/60; 30gpm,15ft head | T-A/B Garage Room PB1M | Model:S-25 | B-Side hallways in garage | 2000 |
| Hot Water Cir. Pump PHWP-PB2 | Armstrong Series 1050 1/4 Hp, 1800rpm, volts: 115/1/60; 30gpm,15ft head | T-A/B Garage Room PB1M | Model: S-25 | B-Side hallways in garage | 2000 |
| Hot Water Cir. Pump PHWP-PB3 REMOVED | Armstrong Series 1050 1/4 Hp, 1800rpm, volts: 115/1/60; 30gpm,15ft head | T-A/B Garage Room PB1M | Model: S-25 | B-Side hallways in garage | 2000 |
| CW pump, CHWP- PA1 | Armstrong Series 4030 CW pump 15 hp, 3/460/60, 1760 rpm frame 254T, 30Ogpm,90ft head | T-A/B Garage Room PA1M | Model: SG44 | A-Side hallways in garage | 2000 |
| CW pump, CHWP- PB1 | Armstrong Series 4030 CW pump 15 hp, 3/460/60, 1760 rpm frame 254T, 30Ogpm,90ft head | T-A/B Garage Room PB1M | Model: SG44 | B-Side hallways in garage | 2000 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--|---|---|---|--------------------------------------|--------------|
| Air Handling Unit | York AHU-PB1 Volts/ Phase/ hertz: 460/3/60 Hp: 50 | T-A/B Garage Room PB1M | Model: York/ AP 500 Serial #: CKHM00740D | B-Side hallways in garage | 2000 |
| Outside AHU | York OAPU-AB2 Volts/Phase/ Hertz: 460/3/60 13.5 F/A 10hp, 48 charcoal cells | T-A lower North T/A garage walkway | Model: York/ AP150 Serial #: CEJM04585D | A-B garage hallway break T-A Side | 2000 |
| Outside Air Handling Unit | OAPU-8A Temptrol Volts/phase/hertz; 460/3/60 HP; 1.5 | T-A lower North T/A garage walkway | Model: WFDV4 Serial #: 74849 | A-B garage hallway break T-A Side | 2000 |
| Air Handling Unit | AHU-AB-2 Volts/Phase/Hertz: 460/3/60 38 F/A , 20hp | T-A lower North T/A garage walkway | Model: York/ AP215 Serial #: CGLM12630D | A-B garage hallway break T-A Side | 2000 |
| AH-AB-2 VFD | ABB Volts/Phase/Hertz: 460/3/60 40hp. | Term. A NE mech.rm. walkway to AB garage | mod. ACH580 ser. 2201803677 | AH-AB-2 | |
| Primary hot water pump IN TERMINAL A | PHWP-AB-2 Volts/phase/hertz: 460/3/60 ¾ hp, 1750 rpm | T-A lower North T/A garage walkway | Model: Bell & Gossett Serial #: | A-B garage hallway break T-A Side | 2000 |
| Hankinson Air Dryer IN TERMINAL A | Hankinson Air Dryer | T-A lower south end of T-B | | T-A air pressure | 2000 |
| (2) MFG Air Compressor Duel system IN TERMINAL A | MFG Pneumatic Air station Products inc. 15hp, 1760rpm, 460/3/60 200 gallon | T-A lower south end of T-B | | T-A air pressure | 2000 |
| (2) Pneumatic Air Station Duel system IN TERMINAL A | Curtis Pneumatic Air station 240 gallon tank 15hp, 1760 rpm, volts/phase/hertz: 460/3/60 | T-A lower south end of T-B | Model: 240212EA | T-A air pressure | 2000 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---|---|--|---|--------------------------------------|--------------|
| Curtis Air Dryer IN TERMINAL A | Curtis Air Dryer 115v/1/60 | T-A lower south end of T-B | Model: CDP825 Serial #: N8025A1150206776 | T-A air pressure | 2000 |
| Outside AHU IN TERMINAL A | Trane OAPU-6- 15hp, Volts/ Phase/Hertz : 460/3/60 24 charcoal cells | T-A lower south end of T-B | Model: Serial #: K98E46495 | A-B garage hallway break T-A Side | 2000 |
| Marathon hot water pump IN TERMINAL A | Marathon hot water pump ¾ hp volts/ phase/hertz: 460/3/60 | T-A lower south end of T-B | Unknown | A-B garage hallway break T-A Side | 2000 |
| | York AP250 25hp, 30.5 F/A | T-A lower south end of T-B | Model: York AP250 Serial #: CKHM00737 | A-B garage hallway break T-A Side | 2000 |
| Trane AHU | Trane AHU_B Volts/phase/hertz: 460/3/60 HP: 30 | A-B garage hallway T-A Side mech room | Model: Serial #: K98F52965 | A-B garage hallway break T-A Side | 2000 |
| VFD | Graham VFD | A-B garage hallway T-A Side mech room | Model: VLT3500H54 Serial #: G994222FX | A-B garage hallway break T-A Side | 2000 |
| Air Handling Unit | York AHU-PA1 50hp, 60 f/a volts/phase/hertz: 460/3/60 | A-B garage hallway T-A Side mech room | Model: York AP500 Serial: CKHM00739D | AB Garage walkway | 2000 |
| AHU-PA1 VFD | ABB 50hp. 480volt 60 hertz | Mech.rm. PA1M | mod.ACH580 ser.2201803597 | AHU-PA1 | |
| OAPU | York OAPU-P2 15hp, 18.9 f/a volts/phase/hertz: 460/3/60 48 charcoal cells | A-B garage hallway T-A Side mech room | Model: York | AB Garage walkway | 2000 |
| Air Handling Unit | York AHU-PA-3 Volts/phase/hertz: 460/3/60 10.2 f/a/7.5 | A-B garage hallway T-A Side mech room | Model: York/AP105 Serial #: CKHM00743D | AB Garage walkway | 2000 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|----------------------------------|-------------------------------------|-------------------|---------------------------|--------------|
| { 56 } - VAV Boxes | { 56 } Titus duel duct vav boxes | Walkways | Model DMDV | AB Garage walkway | 2000 |
| FCU-NSP | Fan coil unit | Term. B side North Valet entrance | Unknown | New South Parking Offices | Unknown |
| FCU-IDF AB-1002 | Fan coil unit | Term. A side North center of garage | Unknown | IDF room AB-1002 | Unknown |
| HEX-1 | Heat Exchanger | Term. A side North rm. PA1M | I.B.W562.HVAC0447 | | Unknown |

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IAH Equipment Lists

APM Maintenance Building 1 page C.F.M. – Cubic Feet Per Minute G.P.M.. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units

FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC Not in Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|--|---|---|---|--------------|
| Air Handling Unit | AHU 2-1 Trane | APM Garage A/C Room 2 nd floor | Model: MCC8010UA0COUA Serial: N/A | 2 nd Floor maintenance shop tool room | 2009 |
| Air Handling Unit | AHU2-2 Mfg. Trane | APM Garage A/C Room 2 nd floor | Model: MCCB006UA0COUB | Break Area | 2009 |
| Air Handling Unit | ACU3-1 Mfg. Liebert 460 volts, 3pl, 60 hz | APM Garage ATU room 3 rd floor | Model: BU102C-AAEO | ATO Room | 2009 |
| Heater | 32 ceiling hung electric strip heaters | APM Garage Tool room and Main APM bay area | Model: NA | Tool rooms break rooms, bay area | 2009 |
| Exhaust Fan | 3 overhead exhaust fans | APM Garage Main bay area | Model: NA | Bay area | 2009 |
| Air Handling Unit | AHU4-1 460 volts, 7.5 hp, fla 11, 3 ph, 60 hz | APM Garage 4 th floor back office | Model: MCCB014WACOUB Serial: NA | 4 th floor office space | 2009 |
| Air Handling Unit | AHU4-2 460 volts, 3ph, 1.5hp, 3 fla, 3 he | APM Garage 4 th floor back office | Model: MCCB003UAOCOUA | Conference Room | 2009 |
| FCU 1-1 | FCU | APM Garage MSF | | Freight elev. Mach. rm. | 2009 |
| FCU 1-2 | FCU | APM Garage MSF | | Man elev. Mach. rm. | 2009 |
| FCU 1-3 | FCU | APM 3rd floor Mech Room | | | 2009 |
| AE | CHWP Booster pump | APM 1st floor Mech Room | | Building Cooling | 2009 |
| AE | HWP Booster pump | APM 1st floor Mech Room | | Building Heating | 2009 |
| AE | Inline Exhaust Fans 1 | APM 3rd floor | | Battery Room | 2009 |
| AE | Inline Exhaust Fans 2 | APM 3rd floor | | Compressor Room | 2009 |
| AE | Inline Exhaust Fans 3 | APM 3rd floor | | Parts Washer | 2009 |
| AE | Heating Echanger Building Heat | APM 1st floor Mech Room | | APM Maint. Bldg | 2009 |
| AE | Back Flo Preventer | APM 1st Floor Mech Room | | Apm HW Heating | 2009 |
| AE {32} | {32} Balemo Actuators | APM 3rd Floor | | Wall Vent Louvers | 2009 |
| Break room mini split | mfg.Heat Contractors Inc. | APM 3rd Floor | | | |

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Administration Building 8 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------------|--|-------------------------|--|-------------------------|--------------|
| Multi-zone Air Handling Unit | MZU-1S Mfg. Temtrol 20hp, 1765rpm, 460 volts, belts: 3) bx 70 42" | Administration Building | Model: WFBTZ315 Serial: 85597 I.B.S660A.HVAC0006 | First floor south wing | |
| Multi-zone Air handling Unit | MZU-2S Mfg. Temtrol 15hp, 1765rpm, 460volts, belts: 2) bx68 | Administration Building | Model: WFBTZ24S Serial: 85598 I.B.S660A.HVAC0007 | Fist floor South Wing | |
| Multi-zone Air Handling Unit | MZU-3S Mfg. Temtrol 20hp, 1765rpm, 460volts belts: 3) bx100 | Administration Building | Model: WFBTZ340 Serial: 85599 I.B.S660A.HVAC0011 | Second Floor South Wing | |
| Multi-zone Air Handling Unit | MZU-4S Mfg. Temtrol 15hp, 1765rpm, 460volts belts: 2)bx80 | Administration Building | Model: WFBTZ32D Serial: 85600 I.B.S660A.HVAC0010 | Second Floor South Wing | |
| Air Handling Unit | AHU-1C Mfg. Temtrol 3hp, 1760rpm, 460volts belts: 2) bx51 | Administration Building | Model: WFDH6 Serial: 85601 I.B.S660A.HVAC0019 | Archives | |
| Air Handling Unit | AHU-2C Mfg. Temtrol 3hp, 1760rpm, 460volts, belts: 2) bx53 | Administration Building | Model: WFDH75 Serial: 85602 I.B.S660A.HVAC0020 | Offices | |
| Air Handling Unit | AC-1 Mfg. Liebert 2hp, 1750rpm, 460volts belts: 2) B40 | Administration Building | Model: DH114AUAGEI Serial: 530918-002 | Computer Rm MDF | |
| Air Handling Unit | AC-2 Mfg. Liebert 2hp, 1750rpm, 460volts belts: 2)B40 | Administration Building | Model: DH114AUAGE Serial: 530918001 | Computer Rm MDF | |
| Rack A/C | Indoor Rack Mfg: APC S/N: JK1325001961 | Administration Building | Model: ACRD501 | Computer Rm MDF | |
| Rack A/C Condenser Outdoor | Mfg: Heatcraft S/N T10D08675 | Administration Building | Model: LNES03A027 | Computer Rm MDF | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------------|---|-------------------------|---|------------------------|--------------|
| Fan Coil Unit | FCU-1C Mfg. DM/JC 600CFM | Administration Building | I.B.S660A.HVAC0021 | Switch Gear | |
| Exhaust Fan | EF-1C 400cfm, 770rpm, | Administration Building | Model: VEBK10K1A I.B.S660A.HVAC0022 | Central Plant | |
| Exhaust Fan | EF-2C 100cfm, 640rpm | Administration Building | Model: VCDD010C I.B.S660A.HVAC0023 | Audit Room | |
| Exhaust Fan | EF-1S 150cfm, 740rpm | Administration Building | Model: VCD0010C I.B.S660A.HVAC0024 | Room 267 | |
| Exhaust Fan | EF-2S 1300cfm, 911rpm | Administration Building | Model: VEBK15M1 I.B.S660A.HVAC0025 | Restrooms | |
| Exhaust Fan | EF-1E Mfg. Carnes 1/3hp, 1725rpm, 120 volts, Marathon | Administration Building | Model: VEBK15M1 | Toilets | |
| Exhaust Fan | EF-1W Mfg. Carnes 1/3hp, 1725rpm, 120volts, Marathon | Administration Building | Model: VEBK15M1 | Toilets | |
| Exhaust Fan | EF-2W Mfg. Carnes 1/4hp, 1725rpm, 120 volts, Marathon | Administration Building | Model: VEBK15L | Kitchen | |
| Supply Fan | SF-1S Mfg. Carnes 4000cfm, 1331rpm, baldor motor 1hp, 1740rpm, 460 volts | Administration Building | Model: LFBA2452 | AHU-1S,2S, 3S, 4S | |
| Multi-zone Air Handling Unit | MZU-1E Mfg. Temtrol 20hp, 605rpm, 460volts | Administration Building | Model: WF-BT243 Serial: 85594 I.B.S660A.HVAC0002 | First floor east wing | |
| Multi-zone Air Handling Unit | MZU-2E Mfg. Temtrol 5hp, 1750rpm, 460volts | Administration Building | Model: WF-BT210 Serial: 85595 I.B.S660A.HVAC0003 | Second Floor east wing | |
| Multi-zone Air Handling Unit | MZU-3E Mfg. Temtrol 25hp, 1770rpm, 460volts | Administration Building | Model: WF-BT2495 Serial: 85596 I.B.S660A.HVAC0001 | Second Floor East Wing | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------------|--|---------------------------|---|------------------------|--------------|
| Multi-zone Air Handling Unit | MZU-1W Mfg. Temtrol 20hp, 1765rpm, 460volts, | Administration Building | Model: WF-BTZ46D Serial: 85592 I.B.S660A.HVAC0004 | First Floor west wing | |
| Multi-zone Air Handling Unit | MZU-2W 25hp, 1770rpm, 460volts | Administration Building | Model: WF-BT2490 Serial: 85593 I.B.S660A.HVAC0005 | Second Floor West Wing | |
| Electric Duct Heater | 3.00E-11 mfg. warren 3.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK | MZU-3E | |
| Electric Duct Heater | 1W-1 Mfg. Warren 3kw, stage 1, 277des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0027 | | |
| Electric Duct Heater | 1W-2 Mfg. Warren 5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0028 | | |
| Electric Duct Heater | 1W-3 Mfg. Warren 2.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0029 | | |
| Electric Duct Heater | 1W-4 Mfg. Warren 3.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0030 | | |
| Electric Duct Heater | 1W-5 Mfg. Warren 5kw, stage 1, 277des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0031 | | |
| Electric Duct Heater | 1W-6 Mfg. Warren 3Kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0032 | | |
| Electric Duct Heater | 1W-7 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0033 | | |
| Electric Duct Heater | 2W-1 Mfg. Warren 3.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0034 | | |
| Electric Duct Heater | 2W-3 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0035 | | |

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Attachment "C"**IAH Equipment Lists**

Administration Building 8 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|---------------------------|----------------------------------|-------------|--------------|
| Electric Duct Heater | 2W-4 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0036 | | |
| Electric Duct Heater | 2W-5 Mfg. Warren 3.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0037 | | |
| Electric Duct Heater | 2W-6 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0038 | | |
| Electric Duct Heater | 2W-7 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0039 | | |
| Electric Duct Heater | 2W-8 Mfg. Warren 5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0040 | | |
| Electric Duct Heater | 2W-9 Mfg. Warren 5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0041 | | |
| Electric Duct Heater | 2W-10 Mfg. Warren 3kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0042 | | |
| Electric Duct Heater | 2W-11 Mfg. Warren 5KW, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0043 | | |
| Electric Duct Heater | IE-1 Mfg. warren 2.5kw, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0044 | | |
| Electric Duct Heater | IE-2 Mfg. Warren 5hp, stage 1 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0045 | | |
| Electric Duct Heater | IE-3 Mfg. Warren 2.5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0046 | | |
| Electric Duct Heater | 1.00E-04 Mfg. Warren 5 hp, stage 1, 277des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0047 | | |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|---------------------------|----------------------------------|-------------|--------------|
| Electric Duct Heater | 1.00E-05 Mfg. Warren 5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0048 | | |
| Electric Duct Heater | 1.00E-06 Mfg. Warren 5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0049 | | |
| Electric Duct Heater | 1.00E-07 Mfg. Warren 2.5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0050 | | |
| Electric Duct Heater | 1.00E-08 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0051 | | |
| Electric Duct Heater | 1.00E-09 Mfg. Warren 5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0052 | | |
| Electric Duct Heater | 1.00E-10 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0053 | | |
| Electric Duct Heater | 1.00E-11 Mfg. Warren 2hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0054 | | |
| Electric Duct Heater | 3.00E-01 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0055 | | |
| Electric Duct Heater | 3.00E-02 Mfg. Warren 3.5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0056 | | |
| Electric Duct Heater | 3.00E-03 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0057 | | |
| Electric Duct Heater | 3.00E-04 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0058 | | |
| Electric Duct Heater | 3.00E-05 Mfg. Warren 5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0059 | | |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|---------------------------|--------------------------------------|-------------|--------------|
| Electric Duct Heater | 3.00E-06 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0060 | | |
| Electric Duct Heater | 3.00E-07 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0061 | | |
| Electric Duct Heater | 3.00E-08 Mfg. Warren 5hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0062 | | |
| Electric Duct Heater | 3.00E-09 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0063 | | |
| Electric Duct Heater | 3.00E-10 Mfg. Warren 3hp, stage 1, 277 des | Admin. Bldg. East wing | Model: CBK I.B.S660A.HVAC0064 | | |
| Chilled Water Pump | CWP-1 Mfg. Paco 320gpm Baldor Motor: 25hp, phase 3, 460 volts, 30 amps, 1770 rpm | Administration Building | Model: NA I.B.S660A.HVAC0065 | | |
| Chilled Water Pump | CWP-2 Mfg. Paco 320gpm Baldor motor: 25hp, phase 3, 460 volts, 30 amps, 1770 rpm | Administration building | Model: NA I.B.S660A.HVAC0066 | | |
| Hot Water Pump | HWP-1 Mfg. Paco 145gpm Baldor motor 10hp, phase 3, 460 volts, 30 amps, 1770 rpm | Administration Building | Model: NA I.B.S660A.HVAC0067 | | |
| Hot Water Pump | HWP-2 Mfg. Paco 145gpm, Baldor Motor 10hp, phase 3, 460 volts, 14 amps, 1760 rpm | Administration Building | Model: NA I.B.S660A.HVAC0068 | | |

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Administration Building 8 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------|---|---|---|-------------------|--------------|
| Chiller | CH-1 Mfg. Trane 320gpm, 170 capacity tons, 480/485/480 volts | Administration Building | Model: RTAC 1704 Serial: U18B09949 I.B.S660A.HVAC0009 | | 2018 |
| Chiller | CH-2 Mfg. Trane 320gpm, 170 capacity tons, 480/485/480 | Administration Building | Model: RTAC 1704 Serial: U02G05782 I.B.S660A.HVAC0010 | | 2002 |
| Hot Water Boiler | Mfg. AJAX | Administration Building | Model: WNG1750 Serial: 61124 I.B.S660A.HVAC0071 | | |
| Hot Water Boiler | Mfg. AJAX | Administration Building | Model: WNG1750 Serial: 61125 I.B.S660A.HVAC0072 | | |
| Remote air cooled cond. | Mfg. Liebert | Administration Building outside south building | Model: DCDF165LA Serial: 0230C57912 I.B.S660A.HVAC0073 | MDF Computer Room | |
| Remote Air cooled cond. | Mfg. Liebert | Administration building outside south building | Model: DH114AUGEI Serial: 0230C57930 I.B.S660A.HVAC0074 | MDF Computer Room | |
| UVC Light Fixtures | AHU-1W 2- 31"x106", 2 rows, (2) DE361, (1) DE301 | Administration Building | | | |
| UVC Light Fixtures | AHU-2W 2- 31"x106", 2 rows (2) DE361 (1) DE301 | Administration Building | | | |
| UVC Light Fixtures | AHU-1E 2-31"x100", 2 rows (1) DE361, (2) DE301 | Administration Building | | | |
| UVC Light Fixtures | AHU-2E 1-35"x40", 2 rows (1) DE361 | Administration Building | | | |
| UVC Light Fixtures | AHU-3E 2-37"x94", 4 rows (3) DE301 | Administration Building | | | |
| UVC Light Fixtures | AHU-1S 1-50"x88", 2 rows (2) DE301, (1) DE241 | Administration Building | | | |

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Attachment "C"

IAH Equipment Lists

Administration Building 8 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|---|-------------------------|----------------|-------------|--------------|
| UVC Light Fixtures | AHU-2S 1-45"x76", 2 rows (2) DE361 | Administration Building | | | |
| UVC Light Fixtures | AHU-3S 1-48"x94", 2 rows (3)DE301 | Administration Building | | | |
| UVC Light Fixtures | AHU-4S 1-52"x88", 2 rows (2) DE301, (1) DE241 | Administration Building | | | |

Attachment "C"

IAH Equipment Lists

Remote Buildings 30 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units AE Added Equipment
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|---|---|---------------------------------------|--------------|
| ACCH-1 | Chiller Mfg. Trane | Fire Station 54 Ground Level 19006 Aldinewestfield | Model: Serial: U17F62697 | Main Building I.B.W780A.HVAC002 | 2015 |
| AHU-1 | Mfg. Trane | Fire Station 54 Ground Level 19006 Aldinewestfield | Model: MCCA025UBOA Serial: K02D57789 | Main Building I.B.W780A.HVAC015 | 2015 |
| Inline duct heater 1 | Gas Heater Mfg. Trane | Fire Station 54 Mechanical room 19006 Aldinewestfield | Na | Main Building I.B.W780A.HVAC0016 | 2015 |
| Inline duct heater 2 | Gas Heater Mfg. Trane | Fire Station 54 Mechanical room 19006 Aldinewestfield | NA | Main Building I.B.W780A.HVAC0017 | 2015 |
| Inline duct heater 3 | Gas Heater RTF 3 | Fire Station 54 Mechanical room 19006 Aldinewestfield | NA | Main Building I.B.W780A.HVAC0018 | 2015 |
| CHW #1 | CHW Pump Mfg. A.O. Smith | Fire Station 54 Mechanical room 19006 Aldinewestfield | Part: B-390768-01 Serial: Box 01 Model: 5OP3701 | Main Building I.B.W780A.HVAC0004 | 2015 |
| CHW #2 | CHW Pump Mfg. A.O. Smith | Fire Station 54 Mechanical room 19006 Aldinewestfield | Part: B-390768-01 Serial: Box W12-06 Model: 5015701 | Main Building I.B.W780A.HVAC0005 | 2015 |
| NA | Exhaust Fan | Fire Station 54 Roof 19006 Aldinewestfield | NA | Kitchen I.B.W780A.HVAC0020 | |
| Water Heater | A.O. Smith water heater | Fire station 54 mech. Room19006 Aldine Westfield | mod. Bt100110 S/N mc02-1570272 | I.B.W780A.HVAC0052 | 2016 |
| Heater | Bay heater #1 south truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod.GAND030AHF10000 S/N L02d36188 | South truck bay I.B.W780A.HVAC0022 | 2016 |
| Heater | Bay heater #2 south truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod.GAND030AHF10000 S/N L02D36194 | South truck bay I.B.W780A.HVAC0023 | 2016 |
| Heater | Bay heater #3 south truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GPND003ADF1000 S/N L02D36181 | South truck bay I.B.W780A.HVAC0024 | 2016 |
| Heater | Bay heater #4 south truck bay mfg. Trane | Fire station 55 19006 Aldinewestfield | mod. GAND030AHF10000 S/N L02D36193 | south truck bay I.B.W780A.HVAC0025 | 2016 |
| Heater | Bay heater #5 south truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GAND030AHF10000 | south truck bay I.B.W780A.HVAC0026 | 2016 |
| Heater | Bay heater #6 north truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod.GPND003ADF1000 S/N L02D36180 | north truck bay I.B.W780A.HVAC0027 | 2016 |
| Heater | Bay heater #7 north truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod.GAND030AHF1000 S/N L02D36187 | north truck bay I.B.W780A.HVAC0028 | 2016 |
| Heater | Bay heater #8 north truck bay mfg. Trane | Fire station 54 19006Aldinewestfield | mod. GAND030AHF10000 | north truck bay I.B.W780A.HVAC0029 | 2016 |

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Attachment "C"
IAH Equipment Lists

Remote Buildings 30 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units AE Added Equipment
FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|---|---------------------------------------|---------------------------------------|--------------|
| Heater | Bay heater #9 mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. Gpnd0068df10000 S/N I02d36178 | north truck bay I.B.W780A.HVAC0030 | 2016 |
| Heater | Bay heater #10 north truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GAND030AHF10000 | north truck bay I.B.W780A.HVAC0031 | 2016 |
| Heater | Bay heater #11 north truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GAND030AHF10000 S/N L02D36192 | north truck bay I.B.W780A.HVAC0032 | 2016 |
| Heater | Bay heater #12 north truck bay mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GAND030AHF10000 S/N | north truck bay | 2019 |
| Water Heater | Hot water circulating pump Domestic water. Mfg. Taco | Fire station 54 19006 Aldinewestfield | mon.006-BC-1 | Fire station 54 I.B.W780A.HVAC0033 | 2016 |
| Inline duct heater 4 | Duct heater #4 mfg. Trane | Fire station 54 19006 Aldinewestfield | mod. GMND012AVF10000 S/N L02D36174 | Main Building I.B.W780A.HVAC0034 | 2016 |
| Exhaust Fan | Exhaust fan 20 | Fire station 54 south roof 19006 Aldinewestfield | mod. Dx06b | I.B.W780A.HVAC0035 | 2016 |
| Exhaust Fan | Vehicle Exhaust fan South mfg. Plymo Vent | Fire station 54 south roof 19006 Aldinewestfield | mod.FSBT-4D | I.B.W780A.HVAC0036 | 2016 |
| Exhaust Fan | Exhaust fan 14 south mfg. Power Ventilator | Fire station 54 south roof 19006 Aldinewestfield | mod. LF40BC | I.B.W780A.HVAC0037 | 2016 |
| Exhaust Fan | Exhaust fan 13 south mfg.Power Ventilator | Fire station 54 south roof 19006 Aldinewestfield | mod. LF40BC | I.B.W780A.HVAC0038 | 2016 |
| Exhaust Fan | Exhaust fan 11 | Fire station 54 Roof 19006 Aldinewestfield | mod. FX13BHFT | I.B.W780A.HVAC0039 | 2016 |
| AHU | Make-up air unit roof | Fire station 54 Roof 19006 Aldinewestfield | mod. | I.B.W780A.HVAC0040 | 2016 |
| Exhaust Fan | Exhaust fan-1 ventilation low roof mfg. Penn | Fire station 54 19006 Aldinewestfield | mod. DX068B S/N 61403J | I.B.W780A.HVAC0041 | 2016 |
| Exhaust Fan | Exhaust fan #10 mfg. Penn | Fire station 54 19006 Aldinewestfield | mod. DX08B S/N 52N61263J | I.B.W780A.HVAC0042 | 2016 |
| Exhaust Fan | Exhaust fan #18 ventilation low roof mfg. Penn | Fire station 54 19006 Aldinewestfield | mod. DX068B S/N 52N61263J | I.B.W780A.HVAC0043 | 2016 |
| Exhaust Fan | Exhaust fan #12 mfg. Penn | Fire station 54 19006 Aldinewestfield | mod. DX06B | I.B.W780A.HVAC0044 | 2016 |
| Exhaust Fan | Vehicle Exhaust fan mfg. Plymo Vent | Fire station 54 19006 Aldinewestfield | mod. FSBT-6D | I.B.W780A.HVAC0045 | 2016 |
| Exhaust Fan | Exhaust fan #15 | Fire station 54 19006 Aldinewestfield | mod.LF40BC | I.B.W780A.HVAC0046 | 2016 |
| Exhaust Fan | Exhaust fan #16 | Fire station 54 19006 Aldinewestfield | mod.LF40BC | I.B.W780A.HVAC0047 | 2016 |
| | Ionization units #1 | Fire Station 54 19006 Aldinewestfield | | I.B.W780A.HVAC0048 | |
| | Ionization units #2 | Fire Station 54 19006 Aldinewestfield | | I.B.W780A.HVAC0049 | |
| | Ionization units #3 | Fire Station 54 19006 Aldinewestfield | | I.B.W780A.HVAC0050 | |

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IAH Equipment Lists

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|---|---|---------------------------------------|--------------|
| | Ionization units #4 | Fire Station 54 19006 Aldinewestfield | | I.B.W780A.HVAC0051 | |
| Chiller | Chiller Unit Mfg. Trane 52 tons | Fire Station 99 18580 Chanute Road | Model: Serial: U19A72951 | Main Building I.B.W730A.HVAC0001 | 2015 |
| AHU | AHU Mfg. Trane | Fire Station 99 18580 Chanute Road | Model: MCCA025UBOA Serial: K02C96041 | Main Building I.B.W730A.HVAC0016 | 2015 |
| Water heater/ | Hot Water Heater Mfg. A.O. Smith | Fire Station 99 18580 Chanute Road Mechanical Room | Model: BT-100-110 Serial: MC02-1570273 | Main Building | 2015 |
| Inline duct heater 1 | Gas Heater Mfg. Trane | Fire Station 99 18580 Chanute Road Mechanical room | Na | Main Building | 2015 |
| Inline duct heater 2 | Gas Heater Mfg. Trane | Fire Station 99 18580 Chanute Road Mechanical Room | NA | Main Building | 2015 |
| Inline duct heater 3 | Gas Heater RTF 3 | Fire Station 99 18580 Chanute Road Mechanical room | NA | Main Building | 2015 |
| CHW #1 | CHW Pump Mfg. A.O. Smith | Fire Station 99 18580 Chanute Road Mechanical Room | Part: B-390768-01 Serial: Box 01 Model: 5OP3701 | Main Building I.B.W730A.HVAC0017 | 2015 |
| CHW #2 | CHW Pump Mfg. A.O. Smith | Fire Station 99 18580 Chanute Road Mechanical room | Part: B-390768-01 Serial: Box W12-06 Model: 5015701 | Main Building I.B.W730A.HVAC0018 | 2015 |
| NA | Exhaust Fan | Fire Station 99 18580 Chanute Road Roof | NA | Kitchen | |
| Heater | Bay heater #1 south truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod.GAND030AHF10000 S/N L02d36188 | South truck bay | 2015 |
| Heater | Bay heater #2 south truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod.GAND030AHF10000 S/N L02D36194 | South truck bay | 2016 |
| Heater | Bay heater #3 south truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GPND003ADF1000 S/N L02D36181 | South truck bay | 2016 |
| Heater | Bay heater #4 south truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GAND030AHF10000 S/N L02D36193 | south truck bay I.B.W730A.HVAC0036 | 2016 |
| Heater | Bay heater #5 south truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GAND030AHF10000 | south truck bay I.B.W730A.HVAC0037 | 2016 |
| Heater | Bay heater #6 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod.GPND003ADF1000 S/N L02D36180 | north truck bay I.B.W730A.HVAC0019 | 2016 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|--|---------------------------------------|---------------------------------------|--------------|
| Heater | Bay heater #7 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod.GAND030AHF1000 S/N L02D36187 | north truck bay I.B.W730A.HVAC0020 | 2016 |
| Heater | Bay heater #8 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GAND030AHF10000 | north truck bay I.B.W730A.HVAC0021 | 2016 |
| Heater | Bay heater #9 mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. Gpnd0068df10000 S/N I02d36178 | north truck bay I.B.W730A.HVAC0022 | 2016 |
| Heater | Bay heater #10 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GAND030AHF10000 | north truck bay I.B.W730A.HVAC0023 | 2016 |
| Heater | Bay heater #11 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GAND030AHF10000 S/N L02D36192 | north truck bay I.B.W730A.HVAC0024 | 2016 |
| Heater | Bay heater #12 north truck bay mfg. Trane | Fire station 99 18580 Chanute Road | mod. GAND030AHF10000 S/N | north truck bay | |
| Heater | Generator Room Heater mfg. Trane | Fire station 99 18580 Chanute Road | mod. GAND030AHF10000 S/N | | |
| Exhaust Fan | Ceiling Fans qty. (10) | Fire station 99 18580 Chanute Road | mod. GAND030AHF10000 S/N | Various locations | |
| pumps | Hot water circulating pump Domestic water. Mfg. Taco | Fire station 99 18580 Chanute Road mech. Room | mon.006-BC-1 | Fire station 54 I.B.W730A.HVAC0025 | 2016 |
| Inline duct heater 4 | Duct heater #4 mfg. Trane | Fire station 99 18580 Chanute Road mech. Room | mod. GMND012AVF10000 S/N L02D36174 | | 2016 |
| Exhaust | Exhaust fan 20 | Fire station 99 18580 Chanute Road mech. Room | mod. Dx06b | I.B.W730A.HVAC0027 | 2016 |
| Exhaust | Vers fan roof south | Fire station 99 18580 Chanute Road mech. Room | mod.FSBT-4D | | 2016 |
| Exhaust | Exhaust fan 14 south mfg. Power Ventilator | Fire station 99 18580 Chanute Road mech. Room | mod. LF40BC | I.B.W730A.HVAC0029 | 2016 |
| Exhaust | Exhaust fan 13 south mfg.Power Ventilator | Fire station 99 18580 Chanute Road mech. Room | mod. LF40BC | I.B.W730A.HVAC0030 | 2016 |
| Exhaust | Exhaust fan 11 | Fire station 99 18580 Chanute Road mech. Room | mod. FX13BHFT | I.B.W730A.HVAC0031 | 2016 |
| | Make-up air unit roof | Fire station 99 18580 Chanute Road mech. Room | mod. | I.B.W730A.HVAC0032 | 2016 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---|--|--|--|--------------|
| Exhaust | Exhaust fan-1 ventilation low roof mfg. Penn | Fire station 99 18580 Chanute Road mech. Room | mod. DX068B S/N 61403J | I.B.W730A.HVAC0033 | 2016 |
| Exhaust | Exhaust fan #10 mfg. Penn | Fire station 99 18580 Chanute Road mech. Room | mod. DX08B S/N 52N61263J | I.B.W730A.HVAC0034 | 2016 |
| Exhaust | Exhaust fan #18 ventilation low roof mfg. Penn | Fire station 99 18580 Chanute Road mech. Room | mod. DX068B S/N 52N61263J | I.B.W730A.HVAC0035 | 2016 |
| Exhaust | Exhaust fan #12 mfg. Penn | Fire station 99 18580 Chanute Road mech. Room | mod. DX06B | I.B.W730A.HVAC0043 | 2016 |
| Exhaust | Vehicle Exhaust fan mfg. Plymo Vent | Fire station 99 18580 Chanute Road mech. Room | mod. FSBT-6D | | 2016 |
| Exhaust | Exhaust fan #15 | Fire station 99 18580 Chanute Road mech. Room | mod.LF40BC | I.B.W730A.HVAC0044 | 2016 |
| Exhaust | Exhaust fan #16 | Fire station 99 18580 Chanute Road mech. Room | mod.LF40BC | I.B.W730A.HVAC0045 | 2016 |
| | Ionization units #1 | Fire station 99 18580 Chanute Road mech. Room | | I.B.W730A.HVAC0038 | |
| | Ionization units #2 | Fire station 99 18580 Chanute Road mech. Room | | I.B.W730A.HVAC0039 | |
| | Ionization units #3 | Fire station 99 18580 Chanute Road mech. Room | | I.B.W730A.HVAC0040 | |
| | Ionization units #4 | Fire station 99 18580 Chanute Road mech. Room | | I.B.W730A.HVAC0041 | |
| NA | Hotwater Heater Mfg. Bradford/White | Fire Station 92 4300 Will Clayton | Model: 100T88B3N Serial: JA16171023 | Fire Station I.B.E290A.HVAC0036 | 2008 |
| NA | Heater Ceiling hung Mfg. Trane | Fire Station 92 4300 Will Clayton | NA | Storage Room I.B.E290A.HVAC0009 | 2008 |
| RTU-1 | Air Cooled Condensing Unit 20-ton Mfg. Trane Corp. | Fire Station 92 4300 Will Clayton | Model No.YCH210E3L0AA Serial No. 831100499D | Main Building Area I.B.E290A.HVAC0001 | 2008 |
| air compressor | Mfg. Campbell | Fire Station 92 4300 Will Clayton | | Generator room I.B.E290A.HVAC0015 | 2008 |
| ceiling hung heater | Mfg. Trane | Fire Station 92 4300 Will Clayton | | Generator room I.B.E290A.HVAC0008 | 2008 |
| exhaust fan #1 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Generator room I.B.E290A.HVAC0017 | 2008 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------|---|-------------------------------------|---|---|--------------|
| exhaust fan #2 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Kitchen I.B.E290A.HVAC0018 | 2008 |
| exhaust fan #3 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Restroom I.B.E290A.HVAC0019 | 2008 |
| exhaust fan #4 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Turnout Room I.B.E290A.HVAC0020 | 2008 |
| exhaust fan #5 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Foam Storage Room I.B.E290A.HVAC0021 | 2008 |
| exhaust fan #6 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Maintenance Room I.B.E290A.HVAC0022 | 2008 |
| exhaust fan #7 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | Generator Room I.B.E290A.HVAC0023 | 2008 |
| exhaust fan #8 | Building Exhaust Fan | Fire Station 92 4300 Will Clayton | | I.B.E290A.HVAC0024 | 2008 |
| exhaust VENT #1 | Bay Exhaust Vent Trane | Fire Station 92 4300 Will Clayton | | | 2008 |
| exhaust VENT #2 | Bay Exhaust Vent Trane | Fire Station 92 4300 Will Clayton | | | 2008 |
| ceiling hung heater | Trane Electric Heaters | Fire Station 92 4300 Will Clayton | | Turnout Room I.B.E290A.HVAC0027 | 2008 |
| ceiling hung heater | Trane Electric Heaters | Fire Station 92 4300 Will Clayton | | Foam Storage Room I.B.E290A.HVAC0028 | 2008 |
| ceiling hung heater | Trane Electric Heaters | Fire Station 92 4300 Will Clayton | | Maintenance Room I.B.E290A.HVAC0029 | 2008 |
| ceiling hung heater | Trane Electric Heaters | Fire Station 92 4300 Will Clayton | | I.B.E290A.HVAC0030 | 2008 |
| # 1 | Ionization Purifiers | Fire Station 92 4300 Will Clayton | | | |
| # 2 | Ionization Purifiers | Fire Station 92 4300 Will Clayton | | | |
| Bay Heater #1 | Trane Gas Heater | Fire Station 92 4300 Will Clayton | | Bay Heat | 2011 |
| Bay Heater #2 | Trane Gas Heater | Fire Station 92 4300 Will Clayton | | Bay Heat | 2011 |
| Bay Heater #3 | Trane Gas Heater | Fire Station 92 4300 Will Clayton | | Bay Heat | 2011 |
| Bay Heater #4 | Trane Gas Heater | Fire Station 92 4300 Will Clayton | | Bay Heat | 2011 |
| Exhaust Vent | | Fire Station 92 4300 Will Clayton | | Kitchen | |
| awu15150016 i-46 | Window Unit Mfg. KoldFront 17,600 BTUH Cooling 13,900 BTUH Heating | K-9 Bldg. 2452 Rankin Rd | Can not Read | Office Area | 2012 |
| AC | Window Unit Mfg. KoldFront | K-9 Bldg. 2452 Rankin Rd | | Office Area | |
| | Bard WMAC | HPD K-9 Bldg. 2452 Rankin Rd | ser. 309K193684935-02 | New office trailer | 2020 |
| | Bard WMAC | HPD K-9 Bldg. 2452 Rankin Rd | ser. 309K193684936-02 | New office trailer | 2020 |
| | Bard WMAC | HPD K-9 Bldg. 2452 Rankin Rd | ser. 309K193680667-02 | New office trailer | 2020 |
| # 1 | Carrier 5 ton condensing unit | APM PDS 1 APM Power Distribution | mod. 50KC-A06A2A6A0A0A0 ser.1917C70076 | By TC-2 Gate I.B.W564.HVAC0001 | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------|--|--|--|-------------------------------------|--------------|
| # 2 | Carrier 5 ton condensing unit | APM PDS 1 APM Power Distribution | mod. 50TC-A06A2A6A0A0A0 ser.5114C89515 | By TC-2 Gate I.B.W564.HVAC0002 | |
| OAHU-1 | Outside Air Handling Unit | APM PDS 1 APM Power Distribution | mod. 39TH17BA ser. 1698F38122 | By TC-2 Gate | |
| # 1 | Maru Air Wall hung 4 ton A/C 230 volts 3ph, | APM PDS 2 (Powerstation) 18500 Terminal Road Under Terminal C- U- | Model: AVP72ACC00C40-1000 Serial: JPF0000098964-001 | | |
| #2 | Bard Wall hung 208/230 volts, 3 ph | APM PDS 2 (Powerstation) 18500 Terminal Road Under Terminal C- U- | Model: W72AABOXXXXXJ Serial: 404L173476650-02 | | |
| CU-1 | Condensing Unit mfg. Carrier | APM PDS 3 APM Power Distribution | mod. 24ACS360A310 ser. 3208E21324 | By TC-2 Gate I.B.W564.HVAC0003 | 2008 |
| CU-2 | Condensing Unit mfg. Guardian | APM PDS 3 APM Power Distribution | mod.GAW14L36C215A ser. 1698F38122 | By TC-2 Gate I.B.W564.HVAC0004 | |
| CU-3 | Condensing Unit mfg. Carrier | APM PDS 3 APM Power Distribution | mod. 24ACS3487A300 ser. 2808E12464 | By TC-2 Gate I.B.W564.HVAC0005 | 2008 |
| FCU-1 | Fan Coil Unit mfg. Carrier | APM PDS3 APM Power Distribution | | By TC-2 Gate | 2008 |
| FCU-2 | Fan Coil Unit mfg. Carrier | APM PDS 3 APM Power Distribution | | By TC-2 Gate | 2008 |
| FCU-3 | Fan Coil Unit mfg. Carrier | APM PDS 3 APM Power Distribution | | By TC-2 Gate | 2008 |
| AC | Unit #1 Air Conditioning Package UnitMfg. Mclean | Inbound JFK/South Aircraft Bridge | Can not read | Automatic Vehicle Identification | 2013 |
| AC | Unit #2 Air Conditioning Package UnitMfg. Mclean | Outbound JFK/South Aircraft Bridge | Can not read | Automatic Vehicle Identification | 2013 |
| AC | Unit #3 Air Conditioning Package UnitMfg. Mclean | South Terminal Rd. @ SF Taxiway | Can not read | Automatic Vehicle Identification | 2013 |
| AC | Unit #4 Air Conditioning Package UnitMfg. Mclean 4 Ton | North Terminal Rd. @ SF Taxiway 18825 Fisher | Can not read | Automatic Vehicle Identification | 2013 |
| Package unit | AC-1 Mfg. Carrier 230 volt, 1 ph, two 16x25x2 filters, gas heat | Operations Complex 4775 Will Clayton | Model: 48TJD006-311BA Serial: 3899G20983 | I.B.E340.HVAC0001 | |
| Package unit | AC-2 Mfg. Carrier 230 volt, 1 ph, two 16x25x2 filters, gas heat | Operations Complex 4775 Will Clayton | Model: 48TJD006-311BA Serial: | I.B.E340.HVAC0002 | |
| Package unit | AC-3 Mfg. Carrier 230 volt, 1ph, 2-16x25x2 filters, gas heat | Operations Complex 4775 Will Clayton | Model: 48TJD006-311BA Serial: 3899G20985 | I.B.E340.HVAC0003 | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------|--|--|--|--|--------------|
| Package unit | AC-4 Mfg. Carrier 230 volt, 1 ph, 2-16x25x2 filters, gas heat | Operations Complex 4775 Will Clayton | Model: 48TJD006-311BA | I.B.E340.HVAC0004 | |
| Split system cond. | Split System Cond. Mfg. Carrier A/C only 230 volt, 1ph | Operations Complex 4775 Will Clayton | Model: 38CK042310 Serial: 3599E09919 | I.B.E340.HVAC0005 | |
| Split system ahu | Split System AHU Mfg. Bryant 230 1 ph – grill | Operations Complex 4775 Will Clayton | Model: FC48NF042 Serial: 3299A24179 | I.B.E340.HVAC0006 | |
| Exhaust fan | EF-1 Mfg. Loren Cook 115 volt, 1ph | Operations Complex 4775 Will Clayton | Model: 100C15DH | I.B.E340.HVAC0007 | |
| Exhaust fan | EF-2 Mfg. Loren Cook 116 volt, 1ph | Operations Complex 4776 Will Clayton | Model: 100C15DH | I.B.E340.HVAC0008 | |
| AC | Mfg. Coleman Package Unit 12,000 Btu | South | Model No. 8330-716 Serial No. 08984113 | Guard Booth FV12 | 2013 |
| AC | Mfg. Fredrick Window Unit 15,000 Btu | Gate WV 51 | Model No. 8330-716 Serial No. Can not read | Guard Booth WV51 I.B.W548C.HVAC.0001 | 2012 |
| AC | Roof package unit 2 Ton | Gate NV 53 AOA Terminal D / Continental Hanger | Serial No. Can not read | Guard Booth NV53 I.B.W348A.HVAC.0001 | 2016 |
| AC | Roof package unit 2 Ton | Gate T C 2 | N / A | Guard booth T C 2 | 2016 |
| AC | Mfg. Coleman Package Unit 12,000 Btu | Gate NV 13 FIS / Terminal D | Model No. Serial No. Can not read | Guard Booth NV13 | 2016 |
| Chiller | Chiller #1 Mfg. Trane 460 volt, 3ph | Tech Services Building 18600 Lee road on the roof | Model: CGAFC504AJA10000E Serial: CO4L09651 | | |
| Chiller | Chiller #2 Mfg. Trane 460 volt, 3 ph | SCM Building 18600 Lee road on the roof. | Model: RTAA 0804XQ01A3COB Serial: U04MO9069 | I.B.E631A.HVAC0001 | |
| Chiller pump | Chiller Pump -1 7 ½ hp, 208/230/460 apm 1725 rpm, frame 197 | SCM Building 18600 Lee road | Model: M3710T | I.B.E631A.HVAC0002 | |
| Chiller Pump | Chiller Pump-2 7 ½ hp, 3ph, 1745apm, 230/460 volt | SCM Building 18600 Lee road | Model: | I.B.E631A.HVAC0003 | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------|--|---|--|------------------------|--------------|
| Condensing Unit | Split Unit-1 Mfg. Carrier 230 volt, 1ph | SCM Building 18600 Lee road on roof above 2nd. Floor boiler room | Model: 38TG018300 Serial: 2690E64288 | I.B.E631A.HVAC0004 | |
| Exhaust Fan | EF-1 Mfg. Greenheck 115 volt, 1 ph, | SCM Building 18600 Lee road | Model: G951D Serial: 670023 | I.B.E631A.HVAC0005 | |
| Exhaust Fan | EF-2 Mfg. Greenheck | SCM Building 18600 Lee road | Model: G85D Serial: 670024 | I.B.E631A.HVAC0006 | |
| BAF-1 circulator | air Big Ass Fan Company | Supply Chain Management | N/A | Warehouse storage area | 2 years |
| Water heater/ boiler | RBI Water/Heater Boiler | SCM Building 18600 Lee road in 2nd. Floor boiler room. | Model: LW1480 Serial: 02053775 | I.B.E631A.HVAC0007 | |
| Boiler Pump | RBI Boiler pump Mfg. Baldor CAT. VL. 3507, spec. 34G452Y094 ¾ hp, 115/230 volt, 1ph, 1725RPM | SCM Building 18600 Lee road | | I.B.E631A.HVAC0008 | |
| Hot water pump | HWP-1 Mfg. Baldor CAT. M3218T, spec. 36B101T181H1, 5hp, 208/230/460 volts, rpm 1750, frame 184T | SCM Building 18600 Lee road | | I.B.E631A.HVAC0009 | |
| Hot water pump | HWP-2 Mfg. Baldor CAT. M3218T, spec. 36B101T181H1, 5hp, 208/230/460 volts, rpm 1750, frame 184T | SCM Building 18600 Lee road | | I.B.E631A.HVAC0010 | |
| pumps | Mfg. Paco Pip 355, imp dia. 9.66 | SCM Building 18600 Lee road | Serial: BUMA05685-B | I.B.E631A.HVAC0011 | |
| Air compressor | Air Compressor Control Air | SCM Building 18600 Lee road | Model: ACP COS 033-DD1 Serial: 887-10953 | I.B.E631A.HVAC0012 | |
| Air drier | Hankinson Air Drier | SCM Building Boiler Room 2nd floor 18600 Lee road | Model: 8010-115 Serial: N8010111500071056 | I.B.E631A.HVAC0013 | |
| Fan coil unit | FCU Mfg. American Standard 230volt, 1 ph | SCM Building 18600 Lee road Building Boiler Room 2nd floor Telephone room | Model: TWE018C14F80 Serial: 4172TB01V | I.B.E631A.HVAC0014 | |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|--|---|--|------------------------------------|--------------|
| Air Handling Unit | AHU-2 Mfg. Carrier Component Assembly Sequence HVFI FCSI BCSI ZDSI | SCM Building 18600 Lee road Building 2nd floor Main rm.230 | Model: 39EB39 Serial: 1382D39228 | I.B.E631A.HVAC0015 | |
| Air Handling unit | AHU-1 Mfg. Carrier Component Assembly Sequence | SCM Building 18600 Lee road Building Boiler Room 1st floor rm.112 | Model: 39EB39 Serial: 1382D39229 | I.B.E631A.HVAC0016 | |
| Fan coil unit | Mfg. Coleman With a coil Red-T | SCM Building 18600 Lee road Building Boiler Room 2nd floor | Model: RTE 9460 AXU Serial: 05-89 | I.B.E631A.HVAC0017 | |
| Gas Heaters { 24 } | Trane heaters | SCM 1 st floor warehouse 18600 Lee Road | Model GPND017ADF | | |
| Gas Heaters { 18 } | Gas heaters | Second Building Warehouse 18600 Lee Road | | | |
| | Dayton motor ½ hp 56 frame volt 115/230 1725/1425 rpm | SCM Building 18600 Lee road | Model: 3K199N | I.B.E631A.HVAC0020 | |
| Condensing Unit | GE motor stk. No. C136 ½ hp, 1ph, 1725/1425 Mfg. Coleman | SCM Building 18600 Lee road computer room | Model: 5KC36MN4GX | I.B.E631A.HVAC0021 | |
| Condensing Unit | Condensing Unit -1 Mfg. York 230 volt, 1 ph | SCM warehouse 18600 Lee Road | Model: ACO18X1021A Serial: WNVMO05031 | I.B.E631A.HVAC0022 | |
| AHU-3 | Package Unit-1 Mfg. Trane 230 volt 1 ph | SCM warehouse Restrooms 18600 Lee Road | Model: TCC018F100BF Serial: R224XFM2H | | |
| Fan Coil | Fan Coil -2 Mfg. York, condensing unit 2 | Second Building SCM 18600 Lee road | Model: CE12-1AP Serial: 9305021220 | | |
| Fan Coil | Fan Coil -1 Mfg. York 208/230/460 volt ph | Second Building SCM warehouse 18600 Lee Road | Model: LA090C00A6AAA1A Serial: NOA544399 | | |
| | Dehumidifier #1 Mfg. Honeycombe | SCM Warehouse 18600 Lee rd | Model No. HCD-9000 Serial No. DGA/1321 | Tech Services | 2012 |
| | Dehumidifier #2 Mfg. Honeycombe | SCM Warehouse 18600 Lee rd | Model No. HCD-9000 Serial No. DGA/1322 | Tech Services | 2012 |
| pac15160012 i-13 | Split System Mfg. York 1.5 -ton | SCM Building 18600 Lee Rd. | Model No. H1DB18S06A Serial No. ENCNC617978 | Uniform Room I.B.E631A.HVAC0024 | 2014 |
| | Split System Mfg. Coleman 230/1/60 | SCM Building 18600 Lee Rd. | Model No. DMED27EP02 Serial No. 13246 | IDF Room I.B.E631A.HVAC0025 | 2013 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------|--|---|--|---|--------------|
| Exhaust Fans | (10) wall mounted exhaust fans | SCM Building 18600 Lee Rd. main | | | |
| Ceiling Fan | Large ceiling fan mfg. Big Azz | SCM Building 18600 Lee Rd. main warehouse | | | |
| Exhaust Fans | (14) wall mounted exhaust fans | SCM Building 18600 Lee Rd. rear warehouse | | | |
| Window Unit | Window unit in receiving office mfg. Frigidare | SCM Building 18600 Lee Rd. main warehouse | | | |
| Chiller | CH-1 Mfg. Trane 460/30 | Fummigation Bldg. 19151 Lee Rd. Ground west side | Model: RTAA0704XQ01A3D0 Serial: U04C04414 | I.B.N680.HVAC0001 | 2005 |
| Air Handling Unit | AHU-1 Mfg. Trane 460/30, 2-16x20x2 filters, 1-A37 | Fummigation Bldg. 19151 Lee Rd. West bay mechanical room | Model: BCUC036A2AC4 Serial: T04A05137 | West bay I.B.N680.HVAC0002 | 2005 |
| Air Handling Unit | AHU-2 Mfg. Trane 1-16x25x2 1-A40 belt 460/30 | Fummigation Bldg. 19151 Lee Rd. West bay mechanical room | Model: BCUC024G2A0A3 Serial: T04A05146 | Westside offices I.B.N680.HVAC0003 | 2005 |
| Air Handling Unit | AHU-3 Mfg. NIA lift needed to see unit | Fummigation Bldg. 19151 Lee Rd. | | I.B.N680.HVAC0004 | 2005 |
| Air Handling Unit | AHU-4 Mfg. Trane 460 3-16x25x2 filters, 1-A52 belt | Fummigation Bldg. 19151 Lee Rd. West inspection area | Model: BCUC090G2AOC4G07R2240ABBC Serial: T04A05139 | West inspection I.B.N680.HVAC0005 | 2005 |
| Air Handling Unit | AHU-5 Mfg. Trane 460 2-16x20x2 filters 1-A40 belt | Fummigation Bldg. 19151 Lee Rd. | Model: BCUC036G2AOC4G04I2100ABBC Serial: T04A05140 | West inspection area I.B.N680.HVAC0006 | 2005 |
| Air Handling Unit | AHU-6 Mfg. Trane 460 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: BCUC036G2AOC4603H2080ABBC Serial: T04A05141 | West inspection area I.B.N680.HVAC0007 | 2005 |
| Air Handling Unit | AHU-7 Mfg. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0008 | 2005 |

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|-------------------|---|---|--|---|--------------|
| Air Handling Unit | AHU-8 Mfg. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0009 | 2005 |
| Air Handling Unit | AHU-9 MFG. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0010 | 2005 |
| Air Handling Unit | AHU-10 MFG. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0011 | 2005 |
| Air Handling Unit | AHU-11 MFG. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0012 | 2005 |
| Air Handling Unit | AHU-12 MFG. Trane 461 2-16x20x2 filters 1-A41 belt | Fummigation Bldg. 19151 Lee Rd. | Model: Serial: | West inspection area I.B.N680.HVAC0013 | 2005 |
| CHWP-1 | Chill water pump | Fummigation Bldg. 19151 Lee Rd. | | I.B.N680.HVAC0014 | 2005 |
| Chiller | Chiller #1 Mfg. Trane Duel 60hp, 480 30 helirotor compressors | One Stop Cargo Bldg. 19581 Lee Rd, West Room | Model: PTAC1704UHONVAFNNIWXIDDCN NONA10BNOEXN Serial: U04A03718 | BID I.B.N590.HVAC0031 | 2005 |
| Compressor | Compressor #1 Helirotor Model: CHHPOM2TKEON092A Serial: VA4A2901 | One Stop Cargo Bldg. 19581 Lee Rd, West Room | | I.B.N590.HVAC0032 | 2005 |
| Compressor | Compressor #2 Model: CHHPOM2TKEONC92A Serial: UA4A2802 | One Stop Cargo Bldg. 19581 Lee Rd, West Room | | I.B.N590.HVAC0033 | 2005 |
| Supply fan # 1 | Supply Fan Mfg. Greenheck 115 volt | Customs Side Top of Roof east side USDA One Stop Cargo Bldg. 19581 Lee Rd. | Model: RSF-180-30 Serial: 04F00553 | I.B.N590.HVAC0034 | 2005 |

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IAH Equipment Lists

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------------|---|--|---|--|--------------|
| Supply fan #2 | Supply Fan Mfg. Greenheck 115 volt | Customs Side Top of Roof east side USDA One Stop Cargo Bldg. 19581 Lee Rd | Model: RSF-180-30 Serial: 04F00553 | I.B.N590.HVAC0035 | 2005 |
| VH-1 | Mfg. Trane Ceiling Hung Gas Heater 115 volt | West bay mechanical room One Stop Cargo Bldg. 19581 Lee Rd | Model: GPN-BOO3AD Serial: | West Bay I.B.N590.HVAC0036 | 2005 |
| VH-2 | Mfg. Trane Ceiling Hung Gas Heater 115 volt | West bay mechanical room One Stop Cargo Bldg. 19581 Lee Rd | Model: GPN-BOO3AD Serial: | West Bay I.B.N590.HVAC0037 | 2005 |
| VH-3 | Mfg. Trane Ceiling Hung Gas Heater 115 volt | West bay mechanical room One Stop Cargo Bldg. 19581 Lee Rd | Model: GPN-BOO3AD Serial: | West Bay I.B.N590.HVAC0038 | 2005 |
| VH-4 | Mfg. Trane Ceiling Hung Gas Heater 115 volt | West bay mechanical room One Stop Cargo Bldg. 19581 Lee Rd | Model: GPN-BOO3AD Serial: | West Bay I.B.N590.HVAC0039 | 2005 |
| AHU-1 | Mfg. Temptrol 208/30, hp 20, belt 3-bx68 | West End 1 st floor One Stop Cargo Bldg. 19581 Lee Rd | Model: ITF-DH36 Serial: UI00442-001-00 | West end BID I.B.N590.HVAC0040 | 2005 |
| AHU - 2 | Air handler Temptrol 460 volts, 20hp, bx68 | East side mechanical One Stop Cargo Bldg. 19581 Lee Rd | Model: ITF-DH36 Serial: U100442-002-00 | I.B.N590.HVAC0041 | 2005 |
| EDH2-1 2-2 2-3 2-4 | Electric Duct Heaters 480 volt | In Mechanical Rooms One Stop Cargo Bldg. 19581 Lee Rd | | I.B.N590.HVAC0042 I.B.N590.HVAC0043 I.B.N590.HVAC0044 I.B.N590.HVAC0044 | 2005 |
| Exhaust Fan | EF-1 Mfg. Greenheck 115 volt | FIS Cargo Bid West end Roof One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB220-5 Serial: 04F03774 | Customs restrooms and kitchen I.B.N590.HVAC0046 | 2005 |
| Exhaust Fan | EF-2 Mfg. Greenheck 115 volt | South Center Roof One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB-081-3 Serial: SH04F03460 | South Rest Rooms I.B.N590.HVAC0047 | 2005 |
| Exhaust Fan | EF-3 Mfg. Greenheck 115 volt | South Center Roof One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB081-3 Serial: 01F03461 | South Rest Rooms I.B.N590.HVAC0048 | 2005 |
| Exhaust Fan | EF-4 Mfg. Greenheck 115 volts | Customs Side One Stop Cargo Bldg. 19581 Lee Rd. Top of building USDA east roof | Model: GB-121-3 Serial: 04FO3730 | I.B.N590.HVAC0049 | 2005 |
| Exhaust Fan | EF-5 Mfg. Greenheck 115 volt | East roof center One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB121-4x-oD Serial: 04E29458 | I.B.N590.HVAC0050 | 2005 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|--|---|-------------------------------------|--------------|
| Exhaust Fan | EF-6 Mfg. Greenheck 115 volt | East roof center One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB1214x-00 | I.B.N590.HVAC0051 | 2005 |
| Exhaust Fan | EF-7 Mfg. Greenheck 115 volt | East roof east end One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB161-4X0D Serial: 04E22953 | I.B.N590.HVAC0052 | 2005 |
| Exhaust Fan | EF-8 Mfg. Greenheck 115 volt | One Stop Cargo Bldg. 19581 Lee Rd. East Roof South end | Model: GB-081-4 Serial: 04F03462 | I.B.N590.HVAC0053 | 2005 |
| Exhaust Fan | EF-9 Mfg. Greenheck 115 volt | East side of roof top USDA One Stop Cargo Bldg. 19581 Lee Rd. | Model: SWB-212-7-CWUB Serial: 04F00398 | Laboratory I.B.N590.HVAC0054 | 2005 |
| Exhaust Fan | EF-10 Mfg. Greenheck 115 volt | East side of roof top USDA One Stop Cargo Bldg. 19581 Lee Rd. | Model: SWB-210-10-CW-UB Serial: 04F00395 | Laboratory I.B.N590.HVAC0055 | 2005 |
| Exhaust Fan | EF-11 Mfg. Greenheck 115 volt | East side of roof top USDA One Stop Cargo Bldg. 19581 Lee Rd. | Model: SWB-212-7-CW-UB | Laboratory I.B.N590.HVAC0056 | 2005 |
| Exhaust Fan | EF-12 Mfg. Greenheck 115 volt | East roof east end One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB-071-4X-00R3 | I.B.N590.HVAC0057 | 2005 |
| Exhaust Fan | EF-13 Mfg. Greenheck 115 volt | East roof east end One Stop Cargo Bldg. 19581 Lee Rd. | Model: M-GB7-01-6 Serial: 04F03440 | I.B.N590.HVAC0058 | 2005 |
| Exhaust Fan | EF-14 Mfg. Greenheck 115 volt | FIS Cargo Bid West end Roof One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB-220-5 Serial: 04F03813 | West Cargo Bay I.B.N590.HVAC0059 | 2005 |
| Exhaust Fan | EF-15 Mfg. Greenheck 115volt | FIS Cargo Bid West end Roof One Stop 19851 Lee Road | Model: GB-220-5 Serial: 04F03812 | West Cargo Bay I.B.N590.HVAC0060 | 2005 |
| Exhaust Fan | EF-16 Mfg. Greenheck 115volt | FIS Cargo Bid West end Roof One Stop Cargo Bldg. 19581 Lee Rd. | Model: GB-220-5 Serial: 04F03812 | West Cargo Bay I.B.N590.HVAC0061 | 2005 |
| Exhaust Fan | EF-17 Mfg. Greenheck 115 volt | Customs Side One Stop Cargo Bldg. 19581 Lee Rd. Top of USDA east side of roof | Model: GB-101-4X-QD Serial: 04E22953 | I.B.N590.HVAC0062 | 2005 |
| Chill Water Pump | Chill Water Pump 3-phase induction motor | West side of build custom mechanical One Stop Cargo Bldg. | Model: ASGANE Serial: HOG38029000 | Laboratory I.B.N590.HVAC0063 | 2005 |
| FPB -1-1 | VAV Boxes | One Stop 19581 Lee Road | CBP Offices | I.B.N590.HVAC0064 | 2005 |
| FPB -1-2 | VAV Boxes | One Stop 19581 Lee Road | CBP / ICE Offices | I.B.N590.HVAC0065 | 2005 |
| FPB -1-3 | VAV Boxes | One Stop 19581 Lee Road | CBP Offices | I.B.N590.HVAC0066 | 2005 |
| FPB -1-4 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0067 | 2005 |
| FPB -1-5 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0068 | 2005 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------|------------|-------------------------|--------------------------|-------------------|--------------|
| FPB -1-6 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0069 | 2005 |
| FPB -1-7 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0070 | 2005 |
| FPB -1-8 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0071 | 2005 |
| FPB -1-9 | VAV Boxes | One Stop 19581 Lee Road | CBP Records Storage Room | I.B.N590.HVAC0072 | 2005 |
| FPB -1-10 | VAV Boxes | One Stop 19581 Lee Road | CBP Offices | I.B.N590.HVAC0073 | 2005 |
| FPB -1-11 | VAV Boxes | One Stop 19581 Lee Road | HAS Storage Room | I.B.N590.HVAC0074 | 2005 |
| FPB -1-12 | VAV Boxes | One Stop 19581 Lee Road | CBP Storage | I.B.N590.HVAC0075 | 2005 |
| FPB -1-13 | VAV Boxes | One Stop 19581 Lee Road | CBP Fitness | I.B.N590.HVAC0076 | 2005 |
| FPB -1-14 | VAV Boxes | One Stop 19581 Lee Road | CBP Training Room | I.B.N590.HVAC0077 | 2005 |
| FPB -1-15 | VAV Boxes | One Stop 19581 Lee Road | Restrooms | I.B.N590.HVAC0078 | 2005 |
| FPB -1-16 | VAV Boxes | One Stop 19581 Lee Road | CBP Open Area | I.B.N590.HVAC0079 | 2005 |
| FPB -1-17 | VAV Boxes | One Stop 19581 Lee Road | FDA Fire Control Room | I.B.N590.HVAC0080 | 2005 |
| FPB -1-18 | VAV Boxes | One Stop 19581 Lee Road | CBP West Entry | I.B.N590.HVAC0081 | 2005 |
| FPB -1-19 | VAV Boxes | One Stop 19581 Lee Road | CBP Offices | I.B.N590.HVAC0082 | 2005 |
| FPB -1-20 | VAV Boxes | One Stop 19581 Lee Road | CBP Offices | I.B.N590.HVAC0083 | 2005 |
| FPB -1-21 | VAV Boxes | One Stop 19581 Lee Road | USFW Office | I.B.N590.HVAC0084 | 2005 |
| FPB -1-22 | VAV Boxes | One Stop 19581 Lee Road | USFW Office | I.B.N590.HVAC0085 | 2005 |
| FPB -1-23 | VAV Boxes | One Stop 19581 Lee Road | South Secure Lobby | I.B.N590.HVAC0086 | 2005 |
| FPB -1-24 | VAV Boxes | One Stop 19581 Lee Road | North Public Lobby | I.B.N590.HVAC0087 | 2005 |
| FPB -1-25 | VAV Boxes | One Stop 19581 Lee Road | South Secure Lobby | I.B.N590.HVAC0088 | 2005 |
| FPB -1-26 | VAV Boxes | One Stop 19581 Lee Road | Vending/ Kitchen | I.B.N590.HVAC0089 | 2005 |
| FPB -1-27 | VAV Boxes | One Stop 19581 Lee Road | North Public Lobby | I.B.N590.HVAC0090 | 2005 |
| TU 1-1 | VAV Boxes | One Stop 19581 Lee Road | Public Health Offices | I.B.N590.HVAC0091 | 2005 |
| TU 1-2 | VAV Boxes | One Stop 19581 Lee Road | Public Health Offices | I.B.N590.HVAC0092 | 2005 |
| TU 1-3 | VAV Boxes | One Stop 19581 Lee Road | Public Health Offices | I.B.N590.HVAC0093 | 2005 |
| TU 1-4 | VAV Boxes | One Stop 19581 Lee Road | Public Health Offices | I.B.N590.HVAC0094 | 2005 |
| FPB 2-1 | VAV Boxes | One Stop 19581 Lee Road | CBP/USDA | I.B.N590.HVAC0095 | 2005 |
| FPB 2-2 | VAV Boxes | One Stop 19581 Lee Road | NR | I.B.N590.HVAC0096 | 2005 |
| FPB 2-3 | VAV Boxes | One Stop 19581 Lee Road | CBP Firearms | I.B.N590.HVAC0097 | 2005 |
| FPB 2-4 | VAV Boxes | One Stop 19581 Lee Road | CBP Firearms | I.B.N590.HVAC0098 | 2005 |
| FPB 2-5 | VAV Boxes | One Stop 19581 Lee Road | CBP Command Center | I.B.N590.HVAC0099 | 2005 |
| FPB 2-6 | VAV Boxes | One Stop 19581 Lee Road | CBP Command Center | I.B.N590.HVAC0100 | 2005 |
| FPB 2-7 | VAV Boxes | One Stop 19581 Lee Road | CBP Cargo Inspection | I.B.N590.HVAC0101 | 2005 |
| FPB 2-8 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0102 | 2005 |
| FPB 2-9 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0103 | 2005 |
| FPB 2-10 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0104 | 2005 |
| FPB 2-11 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0105 | 2005 |
| FPB 2-12 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0106 | 2005 |
| FPB 2-13 | VAV Boxes | One Stop 19581 Lee Road | USDA Breakroom | I.B.N590.HVAC0107 | 2005 |
| FPB 2-14 | VAV Boxes | One Stop 19581 Lee Road | USDA Training Room | I.B.N590.HVAC0108 | 2005 |
| FPB 2-15 | VAV Boxes | One Stop 19581 Lee Road | Confrence Room | I.B.N590.HVAC0109 | 2005 |
| FPB 2-16 | VAV Boxes | One Stop 19581 Lee Road | Confrence Room | I.B.N590.HVAC0110 | 2005 |
| FPB 2-17 | VAV Boxes | One Stop 19581 Lee Road | HAS Office | I.B.N590.HVAC0111 | 2005 |
| FPB 2-18 | VAV Boxes | One Stop 19581 Lee Road | HAS Office | I.B.N590.HVAC0112 | 2005 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|---|---|--|--------------|
| FPB 2-19 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0113 | 2005 |
| FPB 2-20 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0114 | 2005 |
| TU- 2-1 | VAV Boxes | One Stop 19581 Lee Road | USDA Digital Imaging Room | I.B.N590.HVAC0115 | 2005 |
| TU- 2-2 | VAV Boxes | One Stop 19581 Lee Road | IDF Room | I.B.N590.HVAC0116 | 2005 |
| TU- 2-3 | VAV Boxes | One Stop 19581 Lee Road | USFW Evidence | I.B.N590.HVAC0117 | 2005 |
| TU- 2-4 | VAV Boxes | One Stop 19581 Lee Road | USFW Staging Dock | I.B.N590.HVAC0118 | 2005 |
| TU- 2-5 | VAV Boxes | One Stop 19581 Lee Road | USDA Inspection Bay | I.B.N590.HVAC0119 | 2005 |
| TU- 2-6 | VAV Boxes | One Stop 19581 Lee Road | Electrical Room | I.B.N590.HVAC0120 | 2005 |
| TU- 2-7 | VAV Boxes | One Stop 19581 Lee Road | USFW Exam | I.B.N590.HVAC0121 | 2005 |
| TU- 2-8 | VAV Boxes | One Stop 19581 Lee Road | USDA Offices | I.B.N590.HVAC0122 | 2005 |
| ACCU | Air Cooled Condensing Unit 15 ton Mfg. RUUD | South Vault- Runway 927 | Model: RAWL 180DAZ Serial: F171700240 | Building/ Vault I.B.S130.HVAC0001 | 2017 |
| ACCU | Air Cooled Condensing Unit 10 ½ ton Mfg. RUUD | South Vault- Runway 927 | Model: RAWL 120DAZ Serial: 171701778 | Building/ Vault I.B.S130.HVAC0002 | 2017 |
| Air Handler Unit | Air Handler Unit Mfg. Carrier Corp., 7½-ton | South Vault Floor 1 Runway 927 | Model No. 40RR016540 Serial No. U 97059 | Vault #927 I.B.S130.HVAC0003 | 2017 |
| Air Handler Unit | Air Handler Unit Mfg. Carrier Corp., 7½-ton | South Vault Floor 1 Runway 927 | Model No. – no tag Serial No. – no tag | Vault #927 I.B.S130.HVAC0004 | 2017 |
| Air Handler Unit | Air Handler, 10-ton Mfg. Carrier Corporation | OLD West Vault, Floor 1 Room 1432 | Model No. No Tag Serial No. No Tag | Room 1432 Vault I.B.W532A.HVAC0005 | 2007 |
| Air Handler Unit | Air Handler, 10-ton Mfg. Carrier Corporation | OLD West Vault, Floor 1 Room 1432 | Model No. No Tag Serial No. No Tag | Room 1432 Vault I.B.W532A.HVAC0003 | 2010 |
| Air Handler Unit | Air Handler, 2.5-ton Mfg. Carrier Corporation | OLD West Vault, Floor 1 Room 1432 | Model No. No Tag Serial No. No Tag | Room 1432 Vault I.B.W532A.HVAC0001 | 2010 |
| Condensing Unit | Condensing Unit Air Cooled Condenser 10-ton unit, Mfg. Mfg. Carrier Corporation | OLD WEST Vault, Floor 1 Room 1432 | Model No. 38ARZ2012-501 Serial No. 2606G00135 | Air Handling Unit Vault – Room 1432 I.B.W532A.HVAC0006 | 2007 |
| Condensing Unit | Condensing Unit Air Cooled Condenser 10-ton unit, Mfg. Mfg. Carrier Corporation | OLD WEST Vault, Floor 1 Room 1432 | Model No. 38ARZ2012-501 Serial No. 1706G40085 | Air Handling Unit Vault – Room 1432 I.B.W532A.HVAC0003 | 2010 |
| Condensing Unit | Air Cooled Condenser Unit 2.5-ton Mfg. Carrier | OLD West Vault- Runway No. 14/32 | Model: NO TAG Serial: NO TAG | Building/ Vault I.B.W532A.HVAC0002 | 2002 |
| RTU | 35 Ton Package Unit Mfg. Carrier | NEW West Vault- Runway | Model: 50A4B035EPT10366 Serial: 1211V11347 | Building/ Vault | 2010 |
| RTU | PKG Units 25-ton Mfg. Carrier | North Vault #826 Floor 1 – West Unit | Model No. 50A4B025-N-64AEF Serial No. 0620V47233 | North Vault I.B.N520.HVAC0001 | 2020 |
| RTU | PKG Units Mfg. Carrier 7 ½ ton, | North Vault 826 East unit | Model: 50FC-AO6A2A6A3A0A0 Serial: 0420C86385 | North Vault I.B.N520.HVAC0002 | 2020 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|--|---|---|---|--------------|
| | AHU 5 5-ton Split System Mfg. Trane | Electric Feed Building Central Plant Vault 3200 Mecom Rd | Model No. Serial No. Can not read | Across from Central Plant | 2012 |
| | AHU 6 5-ton Split System Mfg. Trane | Electric Feed Building Central Plant Vault 3200 Mecom Rd | Model No. Serial No. Can not read | Across from Central Plant | 2012 |
| Chiller | York Chiller 150 Tons | PPM 4500 Will Clayton | Model #YCAV0157-SA46V Serial # RMSM020800 | PPM | 2009 |
| AHU 1 PPM-(g-1) | Mfg. McQuay -Horizontal C.F.M. 5525; H.P. 7.5; V/0/Hz 480/3/60 | Mezzanine, 4500 Will Clayton | Model No LSL111CH Serial No 3WG0038906 | S.E. Offices I.B.E260A.HVAC0001 | 1992 |
| AHU 2 ppm-(G-2) | Mfg. McQuay -Vertical C.F.M. 4645; H.P. 5; V/0/Hz 480/3/60 | Room 111 4500 Will Clayton | Model No LSL111CV Serial No 3WG0039006 | S.W. Offices I.B.E260A.HVAC0002 | 1992 |
| AHU 3 ppm-(G-3) | Mfg. McQuay -Vertical C.F.M. 4385; H.P. 5; V/0/Hz 480/3/60 | Room 127 4500 Will Clayton | Model No LSL111CV Serial No 3WG0039106 | N.W. Offices I.B.E260A.HVAC0003 | 1992 |
| AHU 4 ppm-(G-4) | Mfg. McQuay– Horizontal C.F.M. 4415; H.P. 5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL 108CH Serial No 3WG0039406 | Mech. Hyd. Plumb. & West Cooler Room I.B.E260A.HVAC0004 | 1992 |
| AHU 5 PPM-(G-5) | Mfg. McQuay– Horizontal C.F.M. 6250; H.P. 7.5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL111CH Serial No. 3WG00393-06 | Welding Shop I.B.E260A.HVAC0005 | 1992 |
| AHU 6 ppm-(G-6) | Mfg. McQuay– Horizontal C.F.M. 4785; H.P. 5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL108CH Serial No. 3WG00397-06 | Tool Crib I.B.E260A.HVAC0006 | 1992 |
| AHU 7 ppm-(g-7) | Mfg. McQuay– Horizontal C.F.M. 7360; H.P. 7.5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL114CH Serial No. 3WG00395-04 | Carpentry I.B.E260A.HVAC0007 | 1992 |
| AHU 8 ppm-(g-8) | Mfg. McQuay– Horizontal C.F.M. 7150; H.P. 7.5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL114CH Serial No. 3WG00396-04 | Sht. Metal/Signs Maint./Silk Screen I.B.E260A.HVAC0008 | 1992 |
| AHU 9 ppm-(g-9) | Mfg. McQuay– Horizontal C.F.M. 3615; H.P. 5; V/0/Hz 480/3/60 | Mezzanine 4500 Will Clayton | Model No LSL108CH Serial No. 3WG00392-06 | Indoor Paint Shop I.B.E260A.HVAC0009 | 1992 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|---------------------------|--|--|--|---|--------------|
| AHU-1 wts/1-(10) | Mfg. McQuay– Horizontal C.F.M. 6090; H.P. 5; V/0/Hz 480/3/60 | Tech. Whse. 4500 Will Clayton Room 202 | Model No LSL111CH Serial No 3WGOO39806 | Office Interior Zone I.B.E260A.HVAC0010 | 1992 |
| AHU-2 wts/p-(g-11) | Mfg. McQuay– Horizontal C.F.M. 4305; H.P. 5; V/0/Hz 480/3/60 | Tech. Whse.4500 Will Clayton Room 202 | Model No LSL111CH Serial No 3WGOO39906 | Office Perimeter Zone I.B.E260A.HVAC0011 | 1992 |
| AHU-ag-1 (g-12) | Mfg. McQuay– Horizontal C.F.M. 7055; H.P. 5; V/0/Hz 480/3/60 | Airfield & Grounds 4500 Will Clayton | Model No LSL-114DH Serial No 3WG00400-04 | Offices I.B.E260A.HVAC0012 | 1992 |
| Split System #2 (g-13) | Mfg. Carrier Split System | SE PPM Bldg. 4500 Will Clayton | Model No. no tags Serial No. no tags | Tech Services Whse. Offices PPM/Electric Bldg. I.B.E260A.HVAC0013 | 1992 |
| acc-iag-(g-14) | Mfg. Carrier– Air Cooled Condenser; 3 each – 25,200 C.F.M.; 480/3/60; 1 H.P. | N. Airfield & Grounds Bldg. 4500 Will Clayton | Model No. 38AKS028 Serial No. 1508Q08763 | Air Handling Unit 0 1AG I.B.E260A.HVAC0014 | 2009 |
| dhw-1 WTS-(G-15) | Mfg. A.O. Smith Gas Water Heater; 50 gal.; 50 MBH | Whse. Mezz. Mech. Room 202 4500 Will Clayton | Model No BT-80-400 Serial No 2009118396299 | Rest Room; Break Room I.B.E260A.HVAC0015 | 2010 |
| dhw-1 ppm/s-(g016) | Mfg. A.O. Smith A Gas Water Heater; 97 gal.; 140 MBH | PPM Bldg. Mech. Room 111 4500 Will Clayton | Model No GN100-200 Serial No A171803912 | Rest Room South I.B.E260A.HVAC0016 | 1997 |
| dhw-2- ppm/n-(G- 17) | Mfg. A.O. Smith Gas Water Heater; 97 gal.; 140 MBH | PPM Bldg. Mech. Room 127 4500 Will Clayton | Model No GN100-200 Serial No VRLN0104G00118 | Rest Room North I.B.E260A.HVAC0017 | 1997 |
| | Mfg. Hankison Dryer {2} 115 V. 5 CFM | PPM Bldg. Mech. Room 111 4500 Will Clayton | Model No 3YAY3A Serial No 195153YA430973 | ASC Complex I.B.E260A.HVAC0018 | 1997 |
| OUT OF SERVICE | Mfg. Hankison Dryer {2} 115 V. 5 CFM | N. Airfield & Grounds Bldg. 4500 Will Clayton | Model No 8005 Serial No Data not Available | A&G | 1997 |
| MUAHU | Make up air handling unit. Gas fired mfg. Hastings | PPM Bldg. Carpenter Shop. 4500 Will Clayton | mod. SBD-115-7-400 ser. 45599 | Carpenter shop | |
| MUAHU | Make up air handling unit. Gas fired mfg. Hastings | PPM Bldg. Paint Shop. 4500 Will Clayton | mod. ser. | Paint shop | |
| | Mfg Curtis Air Compressor | PPM Bldg. Mech. Room 111 4500 Will Clayton | Model No 6D05C Serial No 8993-9061365 | ASC Complex I.B.E260A.HVAC0020 | 1997 |
| EF-1W to GW-(G- 19) | Mfg. Green Hock Fan Model C.F.M. 22868; H.P. 5; V/0/Hz 480/3/60 | Supply Whse. Receiving 4500 Will Clayton | Model No GB48- 50 Serial No Inaccessible | Whse. Ventilation I.B.E260A.HVAC0021 | 1997 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|---------------------------------|---|--|--------------|
| ef-7w-(g-20) | Mfg. Green Hock Fan Model; C.F.M. 5955; H.P. 3/4; V/0/Hz 208/1/60 | Supply Whse. 4500 Will Clayton | Model No GB 30-7 Serial No Inaccessible | Paint Storage Ventilation I.B.E260A.HVAC0022 | 1997 |
| ef-1-ts-(g-21) | Mfg. Green Hock Fan Model - in line; C.F.M. 450; H.P. 1/4; V/0/Hz 120/1/60 | Offices – 4500 Will Clayton | Model No BSD-8-4 Serial No Inaccessible | Toilet/Janitor I.B.E260A.HVAC0023 | 1992 |
| ef-2ts-(g-22) | Mfg. Green Hock Fan Model - in line; C.F.M. 500; H.P. 1/4; V/0/Hz 120/1/60 | Offices – 4500 Will Clayton | Model No BSD-8-4 Serial No Inaccessible | Break Room I.B.E260A.HVAC0024 | 1992 |
| ef-3ts-(g-23) | Mfg. Green Hock Fan Model - in line; C.F.M. 730; H.P. 1/2; V/0/Hz 208/1/60 | Offices – 4500 Will Clayton | Model No BSD-8-5 Serial No Inaccessible | Repair Room I.B.E260A.HVAC0025 | 1992 |
| cf-1ts & 2 ts-(g-24) | Penn Ventilator – Zephyr Jr. Model; C.F.M. 100; V/0/Hz 120/1/60 | Offices – 4500 Will Clayton | Model No 2J1 Serial No Inaccessible | Conference Room I.B.E260A.HVAC0026 | 1992 |
| ef-4ts-(g-25) | Mfg. Green Hock Fan Model; C.F.M. 700; H.P. 1/4; V/0/Hz 120/1/60 | Mech. Room 4500 Will Clayton | Model No SDE-12-24-A Serial No Inaccessible | Mech. Room I.B.E260A.HVAC0027 | 1992 |
| ef-1 ppm-(g-26) | Mfg. Green Hock Fan Model – in line; C.F.M. 960; H.P. 1/3; V/0/Hz 120/1/60 | Offices – PPM 4500 Will Clayton | Model No BSD-103 Serial No Inaccessible | S. Toilets I.B.E260A.HVAC0028 | 1992 |
| ef-2 ppm-(g-27) | Mfg. Green Hock Fan Model– in line; C.F.M. 1290;H.P. 1/3; V/0/Hz 120/1/60 | Offices – PPM 4500 Will Clayton | Model No BSD-10-3 Serial No Inaccessible | N. Toilets I.B.E260A.HVAC0029 | 1992 |
| ef-3 ppm-(g-28) | Mfg. Green Hock Fan Model– in line; C.F.M. 860; H.P. 1/4; V/0/Hz 120/1/60 | Offices – PPM 4500 Will Clayton | Model No BSD-9-4 Serial No Inaccessible | Break Room I.B.E260A.HVAC0030 | 1992 |
| ef-4 ppm-(g-29) | Mfg. Green Hock Fan Model C.F.M. 450; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12-24-A; Serial No Inaccessible | Mech. Hyd Plumb. & Water Cooler I.B.E260A.HVAC0031 | 1992 |
| ef-5 ppm-(g-30) | Mfg. Green Hock Fan Model C.F.M. 750; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12-24-A; Serial No Inaccessible | Welding I.B.E260A.HVAC0032 | 1992 |
| ef-6 ppm-(g-31) | Ruemeling Mfg. Co.; C.F.M. 1000; H.P. 2; V/0/Hz 480/3/60 | Shops – PPM 4500 Will Clayton | Model No Serial No Inaccessible | Welding I.B.E260A.HVAC0033 | 1992 |
| ef-8 ppm-(g-33) | Mfg. Green Hock Fan Model C.F.M. 480; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12-35-A; Serial No Inaccessible | Tool Crib I.B.E260A.HVAC0034 | 1992 |
| ef-9 ppm-(g-34) | Mfg. Green Hock Fan Model C.F.M. 940; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12-24-A; Serial No Inaccessible | Carpentry I.B.E260A.HVAC0035 | 1992 |
| ef-10 ppm-(G-35) | Mfg. Green Hock Fan Model C.F.M. 290;H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12-24-A; Serial No Inaccessible | Sht. Metal & Sign Maint. I.B.E260A.HVAC0036 | 1992 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------------|---|---|---|--|--------------|
| ef-11 ppm-(g-36) | Mfg. Green Hock Fan Model - C.F.M. 710; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-1424-A; Serial No Inaccessible | Old Silk Screen room I.B.E260A.HVAC0037 | 1992 |
| ef-12 ppm-(g-37) | Mfg. Green Hock Fan Model C.F.M. 650; H.P. 1/4; V/0/Hz 120/1/60 | Shops – PPM 4500 Will Clayton | Model No SDE-12/24-A; Serial No Inaccessible | Indoor Paint I.B.E260A.HVAC0038 | 1992 |
| ef-iafg to gafg-(g-38) | Hartzell Fan Model C.F.M. 4500; H.P. 1; V/0/Hz 480/3/60 | Maintenance Shops 4500 Will Clayton | Model No 32" LH 3; Serial No Inaccessible | Shops Ventilation I.B.E260A.HVAC0039 | 1992 |
| ef-7 afg-(g-39) | Mfg. Green Hock Fan Model – in line; C.F.M. 1510; H.P. 1/2; V/0/Hz 480/3/60 | Toilets 4500 Will Clayton | Model No BSQ 12-5 Serial No Inaccessible | Ventilation I.B.E260A.HVAC0040 | 1992 |
| ef-8 afg-(g-40) | Mfg. Green Hock Fan Model – in line; C.F.M. 350; H.P. 1/4; V/0/Hz 120/1/60 | Break Room 4500 Will Clayton | Model No BSQ 7-4 Serial No Inaccessible | Ventilation I.B.E260A.HVAC0041 | 1992 |
| ef-9 afg-(g-41) | Mfg. Green Hock Fan Model C.F.M. 900; H.P. 1/4; V/0/Hz 120/1/60 | Mech. Room 4500 Will Clayton | Model No SDE-12-24-A; Serial No Inaccessible | Ventilation I.B.E260A.HVAC0042 | 1992 |
| ef-1 cw-(g-42) | Mfg. Green Hock Fan Model; C.F.M. 599; H.P. 1/4; V/0/Hz 120/1/60 | Car Wash Room – Mech. 4500 Will Clayton | Model No SDE-12-24-A Serial No Inaccessible | Ventilation I.B.E260A.HVAC0043 | 1992 |
| esh-1 w-(g-43) | Mfg. Chromalox; BTU/Hr. 17,100; KW 5; HP V/0 1/50 208/3 | Supply Whse. Receiving 4500 Will Clayton | Model No LUH-05.43 Serial No Inaccessible | Receiving Space I.B.E260A.HVAC0044 | 1992 |
| esh-2 w-(g-44) | Mfg. Chromalox; BTU/Hr. 13,640; KW 4; HP V/0 1/50 208/3 | Issue 4500 Will Clayton | Model No LUH-04.43 Serial No Inaccessible | Issue Space I.B.E260A.HVAC0045 | 1992 |
| esh-1&2 ppm-(g-45) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/0 1/30 480/3 | Systems 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0046 | 1992 |
| vuh 3&4 Ppm-(g-46) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/0 1/30 480/3 | Mech. Plumb. & Water Cooler 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0089 | 1992 |
| vuh 5&6 ppm-(G-47) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/0 1/30 480/3 | Welding 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0090 | 1992 |
| vuh 7&8 ppm-(G-48) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/0 1/30 480/3 | Tool Crib 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0091 | 1992 |
| vuh 9&10 ppm-(g-49) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/0 1/30 480/3 | Carpentry 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0092 | 1992 |
| vuh 11 ppm-(g-50) | Mfg. Modine VE; BTU/Hr. 10,230; KW 3; HP V/0 1/30 480/3 | Sht. Metal & Sign Maintenance 4500 Will Clayton | Model No VE Serial No Inaccessible | Double Door Air Curtain I.B.E260A.HVAC0093 | 1992 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|---|---|---|---|--------------|
| vuh-12 ppm-(g-51) | Mfg. Modine VE; BTU/Hr. 10,230; KW 3; HP V/O 1/30 480/3 | Silk Screen 4500 Will Clayton | Model No VE Serial No Inaccessible | Double Door Air Curtain I.B.E260A.HVAC0094 | 1992 |
| vuh-13&14 ppm-(g-52) | Mfg. Modine VE; BTU/Hr. 13,640; KW 4; HP V/O 1/30 480/3 | Indoor Paint 4500 Will Clayton | Model No VE Serial No Inaccessible | Roll-up Door Air Curtain I.B.E260A.HVAC0095 | 1992 |
| vuh-15 ppm-(g-53) | Mfg. Modine VE; BTU/Hr. 10,230; KW 3; HP V/O 1/30 480/3 | Indoor Paint 4500 Will Clayton | Model No VE Serial No Inaccessible | Double Door Air Curtain I.B.E260A.HVAC0096 | 1992 |
| rh-2 to 18w-(g-54) | Mfg. Solaronics Inc. KS Series/DSAN; CAP MBH 60 radiant heater | Supply Whse. 4500 Will Clayton | Model No KS Serial No Inaccessible | Warehouse Heating I.B.E260A.HVAC0047 | 1992 |
| rh-1 & 19W-(g-55) | Mfg. Solaronics Inc. Series/DSAN; CAP MBH 60 radiant heater | Supply Whse. 4500 Will Clayton | Model No KS Serial No Inaccessible | Warehouse Heating I.B.E260A.HVAC0048 | 1992 |
| rh-20 to 27W-(g-56) | Mfg. Solaronics Inc. KS Series/DSAN; CAP MBH 30 radiant heater | Supply Whse. | Model No KS Serial No Inaccessible | Warehouse Heating I.B.E260A.HVAC0049 | 1992 |
| edh-2 ppm/s-(g-58) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1350; BTU/Hr. 23870; KW 7.0; V/O 480/3 | Air Handling Unit – 1 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Electrical Supt.-Supv. – Tools Plan – Electrical Rooms I.B.E260A.HVAC0050 | 1992 |
| EDh-4 ppm/s-(g-59) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1880; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 1 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Clerk/Corr. – Ready – Storage – Locksmith – Supply - Supply I.B.E260A.HVAC0051 | 1992 |
| edh-6 ppm/s-(g-60) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1160; BTU/Hr. 17050; KW 5.0; V/O 480/3 | Air Handling Unit – 1 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Storage – Storage/Parking Meter – SE Corridor I.B.E260A.HVAC0052 | 1992 |
| edh-8 ppm/s-(g-61) | Mfg. Indeeco – Open Coil Flanged C.F.M. 760; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 1 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Systems I.B.E260A.HVAC0053 | 1992 |
| edh-10 ppm/s-(g-62) | Mfg. Indeeco – Open Coil Flanged C.F.M. 560; BTU/Hr. 10230; KW 3.0; V/O 480/3 | Air Handling Unit – 1 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Electronics clean – Corr. I.B.E260A.HVAC0054 | 1992 |
| edh-1 ppm/sw-(g63) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1450; BTU/Hr. 23870; KW 7.0; V/O 480/3 | Air Handling Unit – 2 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | File – Clerical – Supv. South Corridor I.B.E260A.HVAC0055 | 1992 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------------------|--|---|---|---|--------------|
| edh-3 ppm-sw-(g-64) | Mfg. Indeeco – Open Coil Flanged C.F.M. 800; BTU/Hr. 23870; KW 7.0; V/O 480/3 | Air Handling Unit – 2 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Asst. Supt. – Asst. Sup. I.B.E260A.HVAC0056 | 1992 |
| edh-5 ppm-(g-65) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1050; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 2 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Supt. – Construction I.B.E260A.HVAC0057 | 1992 |
| edh-7 ppm-(g-66) | Mfg. Indeeco – Open Coil Flanged C.F.M. 800; BTU/Hr. 20460; KW 4.0; V/O 480/3 | Air Handling Unit – 2 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Reception I.B.E260A.HVAC0058 | 1992 |
| edh-9 ppm-sw-(g-67) | Mfg. Indeeco – Open Coil Flanged C.F.M. 535; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 2 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Men and Women Locker South I.B.E260A.HVAC0059 | 1992 |
| edh-11 ppm/nw-(g-68) | Mfg. Indeeco – Open Coil Flanged C.F.M. 2835; BTU/Hr. 42625; KW 12.5; V/O 480/3 | Air Handling Unit – 3 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Break Room I.B.E260A.HVAC0060 | 1992 |
| edh-13 ppm/nw-(G-69) | Mfg. Indeeco – Open Coil Flanged C.F.M. 860; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 3 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Coord. Sup. – North Corridor I.B.E260A.HVAC0061 | 1992 |
| edh-15 ppm/nw-(g-70) | Mfg. Indeeco – Open Coil Flanged C.F.M. 700; BTU/Hr. 17050; KW 5.0; V/O 480/3 | Air Handling Unit – 3 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Men and Women Locker North I.B.E260A.HVAC0062 | 1992 |
| edh-16 ppm-(g-71) | Mfg. Indeeco – Open Coil Flanged C.F.M. 4700; BTU/Hr. 68200; KW 20.0; V/O 480/3 | Air Handling Unit – 8 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Sht. Met. & Sign Maint. Silk Screen – Supv. I.B.E260A.HVAC0063 | 1992 |
| edh-17 ppm-(g-72) | Mfg. Indeeco – Open Coil Flanged C.F.M. 2330; BTU/Hr. 40920; | Air Handling Unit – 8 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Sign Maint. Paint Storage Took, Silk Scr. Bench Corridor | 1992 |
| edh-18 ppm-(g-73) | Mfg. Indeeco – Open Coil Flanged C.F.M. 2910; BTU/Hr. 51150; KW 15.0; V/O 480/3 | Air Handling Unit – 9 PPM 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Indoor Paint I.B.E260A.HVAC0065 | 1992 |
| edh-19 ppm-(g-74) | Mfg. Indeeco – Open Coil Flanged C.F.M. 700; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 9 PPM | Model No Inaccessible Serial No Inaccessible | Paint Tools – Corridor I.B.E260A.HVAC0066 | 1992 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|------------------|--|--|---|--|--------------|
| edh-1 ts-(g-75) | Mfg. Indeeco – Open Coil Flanged C.F.M. 985; BTU/Hr. 43100; KW 10.0; V/O 480/3 | Air Handling Unit – 2 WTS/P 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Storage – Inv. Sup. – Adm. Asst. – Manager – Secretary I.B.E260A.HVAC0067 | 1992 |
| edh-3 ts-(g-76) | Mfg. Indeeco – Open Coil Flanged C.F.M. 500; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 2 WTS/P 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Spec. Analyst Spec. Analyst I.B.E260A.HVAC0068 | 1992 |
| edh-5 ts-(g-77) | Mfg. Indeeco – Open Coil Flanged C.F.M. 260; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 2 WTS/P 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Reception I.B.E260A.HVAC0069 | 1992 |
| edh-7 ts-(g-78) | Mfg. Indeeco – Open Coil Flanged C.F.M. 520; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 2 WTS/P 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Sr. Spec. Anal. Spec. Anal. I.B.E260A.HVAC0070 | 1992 |
| edh-9 ts-(g-79) | Mfg. Indeeco – Open Coil Flanged C.F.M. 1650; BTU/Hr. 61380; KM 18.0; V/O 480/3 | Air Handling Unit – 2 WTS/P 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Sr. Proj. Buyers – Proj. Buyers – Corridor I.B.E260A.HVAC0071 | 1992 |
| edh-2 ts-(g-80) | Mfg. Indeeco – Open Coil Flanged C.F.M. 865; BTU/Hr. 2460; KW 6.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Inventory Control I.B.E260A.HVAC0072 | 1992 |
| edh-4 ts-(g-81) | Mfg. Indeeco – Open Coil Flanged C.F.M. 775; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Conference Room I.B.E260A.HVAC0073 | 1992 |
| edh-6 ts-(g-82) | Mfg. Indeeco – Open Coil Flanged C.F.M. 935; BTU/Hr. 24220; KW 7.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Break Room I.B.E260A.HVAC0074 | 1992 |
| edh-8 ts-(g-83) | Mfg. Indeeco – Open Coil Flanged C.F.M. 420; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Mail I.B.E260A.HVAC0075 | 1992 |
| edh-10 ts-(g-84) | Mfg. Indeeco – Open Coil Flanged C.F.M. 865; BTU/Hr. 20460; KW | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Proc. Work File I.B.E260A.HVAC0076 | 1992 |
| edh-12 ts-(g-85) | Mfg. Indeeco – Open Coil Flanged C.F.M. 720; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Supply I.B.E260A.HVAC0077 | 1992 |

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| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------------|--|--|---|--|--------------|
| edh-14 ts-(g-86) | Mfg. Indeeco – Open Coil Flanged C.F.M. 920; BTU/Hr. 24220; KW 7.0; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Repair I.B.E260A.HVAC0078 | 1992 |
| edh-16 ts-(g-86) | Mfg. Indeeco – Open Coil Flanged C.F.M. 230; BTU/Hr. 8525; KW 2.5; V/O 480/3 | Air Handling Unit – 1 WTS/1 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Warehouse Supv. I.B.E260A.HVAC0079 | 1992 |
| edh-18 ts-(g-88) | Mfg. Indeeco – Open Coil Flanged C.F.M. 360; BTU/Hr. 13640; KW 4.0; V/O 480/3 | Air Handling Unit – 1 WTS 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Sec. Storage I.B.E260A.HVAC0080 | 1992 |
| irh-1 to 10 AG-(G-57) | Mfg. Solaronics Inc. KS/Series DSAN; CAP MBH 30 | Airfield & Grounds Maint. & Shops 4300 Will Clayton | Model No KS Serial No Inaccessible | Maint. Shop Heating I.B.E260A.HVAC0097 | 1992 |
| dhw-1AFg-(g-18) | Mfg. A.O. Smith Gas Water Heater; 69 gal.; 370 MBH | Airfield & Grd. Off. Mezz. 4500 Will Clayton | Model No BTP-370A Serial No | Rest Room Break Room I.B.E260A.HVAC0081 | 1992 |
| edh-1 ag-(g-89) | Mfg. Indeeco – Open Coil Flanged C.F.M. 495; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Equipment Supply File I.B.E260A.HVAC0082 | 1992 |
| edh-2 ag-(g-90) | Mfg. Indeeco – Open Coil Flanged C.F.M. 880; BTU/Hr. 40920; KW 12.0; V/O 480/3 | Air Handling Unit – AG4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Asst. Supply Asst. Supply Supt. I.B.E260A.HVAC0083 | 1992 |
| edh-3 ag-(g-91) | Mfg. Indeeco – Open Coil Flanged C.F.M. 390; BTU/Hr. 17050; KW 5.0; V/O 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Paving Sup. Airfield Supt. Ditch Supt. I.B.E260A.HVAC0084 | 1992 |
| edh-4 ag-(g-92) | Mfg. Indeeco – Open Coil Flanged C.F.M. 530; BTU/Hr. 20460; KW 6.0; V/O 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Ground Supply Corridor I.B.E260A.HVAC0085 | 1992 |
| edh-5 ag-(g-93) | Mfg. Indeeco – Open Coil Flanged C.F.M. 2350; BTU/Hr. 75020; KW 22.0; V/O 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Break Room I.B.E260A.HVAC0086 | 1992 |
| edh-6 Ag-(g-94) | Mfg. Indeeco – Open Coil Flanged C.F.M. 690; BTU/Hr. 27280; KW 8.0; V/O 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Entrance Clerical I.B.E260A.HVAC0087 | 1992 |

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Attachment "C"

IAH Equipment Lists

Remote Buildings 30 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units AE Added Equipment
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-----------------|--|--|---|-------------------------------|--------------|
| edh-7 ag-(g-95) | Mfg. Indeeco – Open Coil Flanged C.F.M. 620; BTU/Hr. 27280; KW 8.0; V/0 480/3 | Air Handling Unit – AG 4500 Will Clayton | Model No Inaccessible Serial No Inaccessible | Toilets I.B.E260A.HVAC0088 | 1992 |
| | RUUD A/C Condensor | FMD 18201 Viscount Rd. Suite 300 | mod.UAND-060DAZ ser.7306F240605674 | | 2006 |
| | RUUD Air Handler | FMD 18201 Viscount Rd. Suite 300 | mod.RCBA-6089GH24 ser.M0699 | | 2006 |
| | Goodman A/C Condensor | FMD 18201 Viscount Rd. Suite 300 | mod.GSX13042BA ser.0908073933 | | 2009 |
| | Goodman Air Handler (split system) | FMD 18201 Viscount Rd. Suite 300 | mod.ARUF364216BA ser.091192438 | | 2009 |
| | Reznor Heater | FMD 18201 Viscount Rd. Suite 300 | mod.XL300-3 ser.AIC3107AJ325 | | 1983 |
| | Reznor Heater | FMD 18201 Viscount Rd. Suite 300 | mod.XL300-3 ser.AIC31074321 | | 1983 |
| | Reznor Heater | FMD 18201 Viscount Rd. Suite 300 | mod.XL300-3 ser.AIC3107N7319 | | 1983 |
| | Trane RTU | Eco Park 2 Will Clayton Pkwy. 5021 | mod.TSC060E4REA1MBOB1A1B ser.153812025L | | |
| | Mitsubishi outdoor unit | Eco Park 2 Will Clayton Pkwy. 5021 | mod.PUMY-P36NHMU ser.4ZUO2819 | | |
| | Mitsubishi indoor unit | Eco Park 2 Will Clayton Pkwy. 5021 | mod.PKFY-P12NHMU-E2 ser.4ZA08243A | | |
| | Bard wall mount a/c unit | Taxing Staging Lot | MN# T30SI-A04M PXXXX SN# 388A193618553- | Driver breakroom | |
| | Bard wall mount a/c unit | Taxing Staging Lot | MN# T30SI-A04M PXXXX SN# 388A193618552- | Driver breakroom | |
| | Bard wall mount a/c unit | Taxing Staging Lot | MN# T30SI-A04M PXXXX SN# 388A193618551- | Driver breakroom | |
| | Exhaust Fan | Taxing Staging Lot | MN# AXC200B ES SN# 2AX2013 | Ladies restroom taxi | |
| | Exhaust Fan | Taxing Staging Lot | MN# AIF 250 ES SN# E19455 | Mens restroom taxi | |
| | Exhaust Fan | Taxing Staging Lot | MN# ZIOH SN# M18AP28190 | Taxi closet | |
| | Exhaust Fan | Taxing Staging Lot | MN# FX108 SN# M18AQ89235 | TNC lot bathroom | |

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Attachment "C"

IAH Equipment Lists

Remote Buildings 30 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units AE Added Equipment
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|----------|------------------------------------|---|--------------------------------------|-----------------------------------|--------------|
| | Exhaust Fan | Taxing Staging Lot | | Permitting office | |
| | Exhaust Fan | Taxing Staging Lot | | Permitting office | |
| | Exhaust Fan | Taxing Staging Lot | | Permitting office | |
| | Exhaust Fan | Taxing Staging Lot | | Permitting office | |
| | Fujitsu outdoor unit (mini split) | Taxing Staging Lot | MN# AOU15RLS3 SN# QUN022777 | | |
| | Fujitsu indoor unit (mini split) | Taxing Staging Lot | MN# ASU15RLS3Y SN# QXA001886 | | |
| | Trane RTU-1 | Taxing Staging Lot | MN# TSC036G4E0A02 SN# 190811656L | | |
| | Trane RTU-2 | Taxing Staging Lot | MN# TSC048G4E0A03 191211918L SN# | | |
| | Trane RTU-3 | Taxing Staging Lot | MN# TSC048G4E0A030 191211916L SN# | | |
| BAF-1 | air circulator Big Ass Fan Company | Taxing Staging Lot | N/A | Taxing Staging Lot Rear Pavillion | 2 years |
| BAF-2 | air circulator Big Ass Fan Company | Taxing Staging Lot | N/A | Taxing Staging Lot Rear Pavillion | 2 years |
| BAF-3 | air circulator Big Ass Fan Company | Taxing Staging Lot | N/A | Taxing Staging Lot Rear Pavillion | 2 years |
| BAF-4 | air circulator Big Ass Fan Company | Taxing Staging Lot | N/A | Taxing Staging Lot Rear Pavillion | 2 years |
| EF-1 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |
| EF-2 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |
| EF-3 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |
| EF-4 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |
| EF-5 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |

Attachment "C"

IAH Equipment Lists

Remote Buildings 30 pages C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units AE Added Equipment
 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--------------------------|---|---|--|---------------------------|--------------|
| EF-6 | Mfg. ? | A&G BUILDING 4300 Will Clayton roof level | Model No Serial No | Ventilation | 1995 |
| EF-7 | Mfg. ? | A&G BUILDING 4300 Will Clayton 2nd level mechanical room | Model No Serial No | Ventilation | 1995 |
| EF-8 | Mfg. ? | A&G BUILDING 4300 Will Clayton bay area South wall | Model No Serial No | Ventilation | 1995 |
| EF-9 | Mfg. ? | A&G BUILDING 4300 Will Clayton 2nd level mechanical room | Model No Serial No | Ventilation | 1995 |
| EF-10 | Mfg. ? | A&G BUILDING 4300 Will Clayton bay area South wall | Model No Serial No | Ventilation | 1995 |
| Powered Louvers | Qty.4 | A&G BUILDING 4300 Will Clayton bay area | Model No Serial No | Ventilation | 1995 |
| WMAC 1 | Wall mount A/C mfg. Bard | Lift Station 1 | Model No W24H1-A00 Serial No 314P122974809-02 | Lift Station Control room | 2012 |
| WMAC 2 | Wall mount A/C mfg. Bard | Lift Station 1 | Model No W24H1-A00 Serial No 314P122974810-02 | Lift Station Control room | 2012 |
| EF-1 | Exhaust Fan mfg. Greenheck | Lift Station 1 | Model No AS-14-440-A5-X Serial No 13454290 | Lift Station Pump room | 2013 |
| EF-2 | Exhaust Fan mfg. Greenheck | Lift Station 1 | Model No G-133-A-X Serial No 13454289 | Lift Station Pump room | 2013 |
| SPACE HEATERS (Qty 4) | mfg. DC Dimplex 480 volts 5000 watts | Lift Station 1 | cat # EUH05B74CT mod. C | Lift Station Pump room | 2012 |
| EF-1 | Exhaust Fan mfg. Greenheck | Lift Station 2 | Model No GB-14 Serial No 85F01347 | Lift Station Pump room | Unknown |
| EF-2 | Exhaust Fan mfg. Greenheck | Lift Station 2 | Model No GB-14 Serial No 85F01349 | Lift Station Pump room | Unknown |
| EF-1 | Exhaust Fan mfg. Greenheck | Lift Station 3 | Model No GB-14 Serial No 85F01350 | Lift Station Pump room | Unknown |

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IAH Equipment Lists

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|-------------------------------|---------------------------------------|------------------------------|--|-----------------------------|--------------|
| EF-2 | Exhaust Fan mfg. Greenheck | Lift Station3 | Model No GB-14 Serial No 85F01348 | Lift Station Pump room | Unknown |
| Space Heater 1 | mfg. Emerson volts 7500 watts | 480 Lift Station 3 | Model No MUH-07-4 Serial No 07-85-1654 | Lift Station Pump room | Unknown |
| Space Heater 2 | mfg. Emerson volts 7500 watts | 480 Lift Station 3 | Model No MUH-07-4 Serial No 07-83-073 | Lift Station Pump room | Unknown |
| EF-1 | mfg. Not available | Lift Station 6 | Model No Serial No | Lift Station Pump room | Unknown |
| EF-2 | mfg. Not available | Lift Station 6 | Model No Serial No | Lift Station Pump room | Unknown |
| EF-3 missing | mfg. Not available | Lift Station 6 | Model No Serial No | Lift Station Pump room | Unknown |
| EF-4 | Exhaust Fan mfg. Greenheck | Lift Station 6 | Model No SD-14-32-A Serial No 92J08859 | Lift Station Pump room | Unknown |
| EF-5 | Exhaust Fan mfg. Greenheck | Lift Station 6 | Model No CUBE-220-10 Serial No 92J08766 | Lift Station Generator room | Unknown |
| Space Heater 1 | mfg. Modine volts 10,000 watts | 230 Lift Station 6 | Model No VE100A Serial No 0508AA0992 | Lift Station Pump room | Unknown |
| Space Heater 2 | mfg. Modine volts 10,000 watts | 230 Lift Station 6 | Model No VE100A Serial No 0508AA0997 | Lift Station Pump room | Unknown |
| ED-1 | Damper Actuator mfg. Barber Colman | Lift Station 6 | Model No MA-405-0-0-2 Serial No | Lift Station Pump room | Unknown |
| ED-2 | Damper Actuator mfg. Barber Colman | Lift Station 6 | Model No MA-405-0-0-2 Serial No | Lift Station Pump room | Unknown |
| WMAC | Wall mount A/C mfg. Gree | Lift Station 7 | Model No ETAC-15HP230V20A-A Serial No 2212GP00671 | Lift Station Control room | 2012 |
| WMAC | Wall mount A/C mfg. Friedrich | Lift Station 8 | Model No PDH15KSG-A Serial No AFLP00190 | Lift Station Control room | 2006 |
| ACCU-1 thru 9 (9 ac units) | mfg. LG | GSF - 4520 Will Clayton Pkwy | HP Split VRF Serial No TBD | Various locations | 2021 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--|------------------|------------------------------|--|-------------------|--------------|
| FCU-1 thru 58 (58 fan coil units) | mfg. LG | GSF - 4520 Will Clayton Pkwy | Split VRF Indoor Units Serial No 0508AA0997 | Various locations | 2021 |
| UH-1 thru 3 (14 thus) | Mestek Gas UH | GSF - 4520 Will Clayton Pkwy | Model No TBD Serial No TBD | Various locations | 2021 |
| OF-1 thru 2 (11 oversized ceiling fans) | mfg. BigAss Fans | GSF - 4520 Will Clayton Pkwy | Model No TBD Serial No TBD | Various locations | 2021 |
| EF-1 thru 10 (10 exhaust fans); | mfg. Greenheck | GSF - 4520 Will Clayton Pkwy | Model No TBD Serial No TBD | Various locations | 2021 |
| GWH-1 (3 gas water heaters) | MFG: TBD | GSF - 4520 Will Clayton Pkwy | Serial and Model No: TBD | Various locations | 2021 |
| Backflow preventers | MFG: TBD | GSF - 4520 Will Clayton Pkwy | Model & Serial No: TBD | Various locations | 2021 |
| LG & Alerton BacNet BAS | | GSF - 4520 Will Clayton Pkwy | Model & Serial No: TBD | Complete Bldg | 2021 |
| OACU-1 thru 3 (3 ac units); | CU mfg: LG | GSF - 4520 Will Clayton Pkwy | Model No: TBD Serial No:TBD | Various Locations | 2021 |
| OAHU-1 thru 3 (3 outside air units) | OA AHU mfg. Aeon | GSF - 4520 Will Clayton Pkwy | Model No TBD Serial No TBD | Various Locations | 2021 |
| RTU-1 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDB12 SN: TBD | Roof | 2018 |
| RTU-2 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDB17 SN: TBD | Roof | 2018 |
| RTU-3 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDB24 SN: TBD | Roof | 2018 |
| RTU-4, 7, 8 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDA06 SN: TBD SN: TBD SN: TBD | Roof | 2018 |
| RTU-5, 6 | Mfg: Carrier | IDO - 111 Standifer | Model: 48HCDE07 SN: TBD SN: TBD | Roof | 2018 |
| RTU-11, 12 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDA14 SN: TBD SN: TBD | Roof | 2018 |
| RTU-09, 15, 16 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDA12 SN: TBD SN: TBD SN: TBD | Roof | 2018 |
| RTU-13, 14 | Mfg: Carrier | IDO - 111 Standifer | Model: 48HCDE07 SN: TBD | Roof | 2018 |

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 FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horse Power NIC - Not In Contract NIS - Not in Service

| EQUIP ID | EQUIP DESC | LOCATION | MODEL/SERIAL # | AREA SERVED | INSTALL YEAR |
|--|----------------|---------------------|---|-----------------------------------|--------------|
| RTU-17 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDE17 SN: TBD | Roof | 2018 |
| RTU-18 | Mfg: Carrier | IDO - 111 Standifer | Model: 48LCDA07 SN: TBD | Roof | 2018 |
| IWH-1 thru 6 | Mfg: EEMAX | IDO - 111 Standifer | Electric Point of Use HW | RR's, Janitor Closet, Break Rooms | 2018 |
| DS 10 | Mfg: Carrier | IDO - 111 Standifer | Indoor: 40MBDQ18 Outdoor: 38MAQB18R | Glenn Curtis Mtg Rm | 2018 |
| FCU 1-1, 1-2 | Mfg: Carrier | IDO - 111 Standifer | Indoor: 40MAQB36B Outdoor: 38MAQB36R | 226 IDF | 2018 |
| FCU 6-1, 6-2 | Mfg: Carrier | IDO - 111 Standifer | Indoor: 40MAQB36B Outdoor: 38MAQB36R | 109 IDF | 2018 |
| FCU 3-1,3-2,3-3,3-4 | Mfg: Carrier | IDO - 111 Standifer | Indoor: 40MAQB36B / Outdoor: 38MAQB36R | 237 MDF | 2018 |
| FCU-CU-2 | Mfg: Carrier | IDO - 111 Standifer | Indoor: 40MBDQ18 Outdoor: 38MAQB18R | 108 Electrical Rm | 2018 |
| FPT 1-2, 1-3 FPT 2-1, 2-2, 2-3, FPT 2-4 FPT 3-3, 3-4, 3-5, FPT 3-6 | Mfg: Carrier | IDO - 111 Standifer | Model: 45J Std Series VAV Box w/SSR EH | Duct system | 2018 |
| CV 2-1 | Mfg: Carrier | IDO - 111 Standifer | Model: 35E Single Duct VAV w/SSR EH | Duct system | 2018 |
| EF-1, 2 | Mfg: Greenheck | IDO - 111 Standifer | Model: G-098-VG | Roof | 2018 |
| EF-3, 4 | Mfg: Greenheck | IDO - 111 Standifer | Model: G-097-VG | Roof | 2018 |
| Backflow preventer | Mfg: Watts | IDO - 111 Standifer | Model: LF009 RP / Size 3" / Serial No: 08861 | Fire Riser Room | 2018 |
| iVue BAS | Mfg: Carrier | IDO - 111 Standifer | Model & Serial No: NA | Complete Bldg | 2018 |

Houston Airport System HVAC O&M Contract Bid Items List YEAR 1 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings
2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|---|--------------------------------|-------------------------------|
| YEAR 1 | LEVEL I PERPETUAL | Level II PREDICTIVE | LEVEL III REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |

YEAR 1 - UNIT PRICING

Unit Price Per Square Foot

| IAH Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| HOU Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| EFD Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 2 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 2 | | | |

IAH TERMINAL/PUBLIC FACILITIES

| | | | |
|--|----|----|----|
| Terminal A | \$ | \$ | \$ |
| Terminal B | \$ | \$ | \$ |
| Terminal C | \$ | \$ | \$ |
| Terminal D | \$ | \$ | \$ |
| Terminal E Ticket Counter and Checkpoint | \$ | \$ | \$ |
| Federal Inspection Services (FIS) | \$ | \$ | \$ |
| Terminal A/B Parking Garage | \$ | \$ | \$ |
| Terminal C - West Parking Garage | \$ | \$ | \$ |
| Terminal C - East Parking Garage | \$ | \$ | \$ |
| Terminal D/E - Parking Garage | \$ | \$ | \$ |

IAH AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|---|----|----|----|
| Skyway Maintenance Facility | \$ | \$ | \$ |
| HAS Administration Complex - 16930 JFK Blvd | \$ | \$ | \$ |
| ARFF Station 54 - 19006 Aldine Westfield | \$ | \$ | \$ |
| ARFF Station 92 - 4300 Will Clayton | \$ | \$ | \$ |
| ARFF Station 99 - 18580 Chanute Rd | \$ | \$ | \$ |
| HAS Airport Operations Building/Complex - 4775 Will Clayton | \$ | \$ | \$ |
| Airport Services Complex - 4500 Will Clayton | \$ | \$ | \$ |
| Supply Chain Management Complex - 18600 Lee Rd | \$ | \$ | \$ |
| Infrastructure Division Office (IDO) - 111 Standifler St. | \$ | \$ | \$ |
| Skyway Power Station (PDS 1, PDS 2 & PDS 3) | \$ | \$ | \$ |
| South Vault | \$ | \$ | \$ |
| North Vault | \$ | \$ | \$ |
| West Vault | \$ | \$ | \$ |

IAH REMOTE BUILDINGS

| | | | |
|---|----|----|----|
| K-9 Bldg. 2452 Rankin Rd | \$ | \$ | \$ |
| Inbound JFK/South Aircraft Bridge | \$ | \$ | \$ |
| Ground Transportation Center Complex - 6135 Will Clayton Pkwy | \$ | \$ | \$ |
| Fleet Maintenance Facility - 18201 Viscount Rd, Bldg. G, #G300 | \$ | \$ | \$ |
| Guard Booths located at AOA Gates (9 total) & Loading Docks - (2 total) | \$ | \$ | \$ |
| Fumigation Bldg. - 19151 Lee Rd. | \$ | \$ | \$ |
| One Stop Cargo Bldg. - 19581 Lee Rd. | \$ | \$ | \$ |
| HAS Cargo Building 18500-A Lee Road | \$ | \$ | \$ |
| Eco Park 2 IDF Room - 5021 will Clayton Pkwy | \$ | \$ | \$ |
| Electrical Vaults on AOA - 3 Total (North, South, & West) | \$ | \$ | \$ |

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 2 SUBTOTAL - IAH | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 2 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|--|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 2 | | | |
| HOU TERMINAL/PUBLIC FACILITIES | | | |
| HOU Terminal Building | \$ | \$ | \$ |
| HOU International Terminal Building | \$ | \$ | \$ |
| HOU Blue Garage | \$ | \$ | \$ |
| HOU Red Garage | \$ | \$ | \$ |
| HOU AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 8800 Paul B. Koonce St. | \$ | \$ | \$ |
| Fleet Facility, 8913 Paul B. Koonce St. | \$ | \$ | \$ |
| Outbound Baggage Building | \$ | \$ | \$ |
| ARFF Station 81 | \$ | \$ | \$ |
| Price Compressor Facility | \$ | \$ | \$ |
| Electrical Vaults - 2 Total (North & South) | \$ | \$ | \$ |
| South Electrical Vault | \$ | \$ | \$ |
| HOU REMOTE BUILDINGS | | | |
| Taxi Staging Lot | \$ | \$ | \$ |
| YEAR 2 SUBTOTAL - HOU | \$ - | \$ - | \$ - |
| EFD AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 11502 Aerospace Ave, Bldg. 510 | \$ | \$ | \$ |
| Airfield and Grounds Building - 5011 Farley | \$ | \$ | \$ |
| Houston Aerospace Support Center - 13150 Space Center Blvd | \$ | \$ | \$ |
| HPD Facility - 11602 Kirk Ave | \$ | \$ | \$ |
| EFD REMOTE BUILDINGS | | | |
| New Tower - 11501 Brantley Ave | \$ | \$ | \$ |
| Lighting Vaults - 11301 Blume Ave, Bldg. 778 | \$ | \$ | \$ |
| Generators North & South - Airside | \$ | \$ | \$ |
| T- Hangers (6 total/90 units) | \$ | \$ | \$ |
| YEAR 2 SUBTOTAL - EFD | \$ - | \$ - | \$ - |
| YEAR 2 GRAND TOTAL - IAH, HOU, & EFD | \$ - | \$ - | \$ - |

EXHIBIT F-1

Houston Airport System HVAC O&M Contract Bid Items List YEAR 2 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|---------------------------------|--------------------------|------------------------|
| YEAR 2 | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |

YEAR 2 - UNIT PRICING

Unit Price Per Square Foot

| IAH Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| HOU Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| EFD Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 3 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 3 | | | |

IAH TERMINAL/PUBLIC FACILITIES

| | | | |
|--|----|----|----|
| Terminal A | \$ | \$ | \$ |
| Terminal B | \$ | \$ | \$ |
| Terminal C | \$ | \$ | \$ |
| Terminal D | \$ | \$ | \$ |
| Terminal E Ticket Counter and Checkpoint | \$ | \$ | \$ |
| Federal Inspection Services (FIS) | \$ | \$ | \$ |
| Terminal A/B Parking Garage | \$ | \$ | \$ |
| Terminal C - West Parking Garage | \$ | \$ | \$ |
| Terminal C - East Parking Garage | \$ | \$ | \$ |
| Terminal D/E - Parking Garage | \$ | \$ | \$ |

IAH AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|---|----|----|----|
| Skyway Maintenance Facility | \$ | \$ | \$ |
| HAS Administration Complex - 16930 JFK Blvd | \$ | \$ | \$ |
| ARFF Station 54 - 19006 Aldine Westfield | \$ | \$ | \$ |
| ARFF Station 92 - 4300 Will Clayton | \$ | \$ | \$ |
| ARFF Station 99 - 18580 Chanute Rd | \$ | \$ | \$ |
| HAS Airport Operations Building/Complex - 4775 Will Clayton | \$ | \$ | \$ |
| Airport Services Complex - 4500 Will Clayton | \$ | \$ | \$ |
| Supply Chain Management Complex - 18600 Lee Rd | \$ | \$ | \$ |
| Infrastructure Division Office (IDO) - 111 Standifler St. | \$ | \$ | \$ |
| Skyway Power Station (PDS 1, PDS 2 & PDS 3) | \$ | \$ | \$ |
| South Vault | \$ | \$ | \$ |
| North Vault | \$ | \$ | \$ |
| West Vault | \$ | \$ | \$ |

IAH REMOTE BUILDINGS

| | | | |
|---|----|----|----|
| K-9 Bldg. 2452 Rankin Rd | \$ | \$ | \$ |
| Inbound JFK/South Aircraft Bridge | \$ | \$ | \$ |
| Ground Transportation Center Complex - 6135 Will Clayton Pkwy | \$ | \$ | \$ |
| Fleet Maintenance Facility - 18201 Viscount Rd, Bldg. G, #G300 | \$ | \$ | \$ |
| Guard Booths located at AOA Gates (9 total) & Loading Docks - (2 total) | \$ | \$ | \$ |
| Fumigation Bldg. - 19151 Lee Rd. | \$ | \$ | \$ |
| One Stop Cargo Bldg. - 19581 Lee Rd. | \$ | \$ | \$ |
| HAS Cargo Building 18500-A Lee Road | \$ | \$ | \$ |
| Eco Park 2 IDF Room - 5021 will Clayton Pkwy | \$ | \$ | \$ |
| Electrical Vaults on AOA - 3 Total (North, South, & West) | \$ | \$ | \$ |

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 3 SUBTOTAL - IAH | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 3 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|--|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 3 | | | |
| HOU TERMINAL/PUBLIC FACILITIES | | | |
| HOU Terminal Building | \$ | \$ | \$ |
| HOU International Terminal Building | \$ | \$ | \$ |
| HOU Blue Garage | \$ | \$ | \$ |
| HOU Red Garage | \$ | \$ | \$ |
| HOU AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 8800 Paul B. Koonce St. | \$ | \$ | \$ |
| Fleet Facility, 8913 Paul B. Koonce St. | \$ | \$ | \$ |
| Outbound Baggage Building | \$ | \$ | \$ |
| ARFF Station 81 | \$ | \$ | \$ |
| Price Compressor Facility | \$ | \$ | \$ |
| Electrical Vaults - 2 Total (North & South) | \$ | \$ | \$ |
| South Electrical Vault | \$ | \$ | \$ |
| HOU REMOTE BUILDINGS | | | |
| Taxi Staging Lot | \$ | \$ | \$ |
| YEAR 3 SUBTOTAL - HOU | \$ - | \$ - | \$ - |
| EFD AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 11502 Aerospace Ave, Bldg. 510 | \$ | \$ | \$ |
| Airfield and Grounds Building - 5011 Farley | \$ | \$ | \$ |
| Houston Aerospace Support Center - 13150 Space Center Blvd | \$ | \$ | \$ |
| HPD Facility - 11602 Kirk Ave | \$ | \$ | \$ |
| EFD REMOTE BUILDINGS | | | |
| New Tower - 11501 Brantley Ave | \$ | \$ | \$ |
| Lighting Vaults - 11301 Blume Ave, Bldg. 778 | \$ | \$ | \$ |
| Generators North & South - Airside | \$ | \$ | \$ |
| T- Hangers (6 total/90 units) | \$ | \$ | \$ |
| YEAR 3 SUBTOTAL - EFD | \$ - | \$ - | \$ - |
| YEAR 3 GRAND TOTAL - IAH, HOU, & EFD | \$ - | \$ - | \$ - |

EXHIBIT F-1

Houston Airport System HVAC O&M Contract Bid Items List YEAR 3 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|---------------------------------|--------------------------|------------------------|
| YEAR 3 | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |

YEAR 3 - UNIT PRICING

Unit Price Per Square Foot

| IAH Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| HOU Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| EFD Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 4 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 4 | | | |

IAH TERMINAL/PUBLIC FACILITIES

| | | | |
|--|----|----|----|
| Terminal A | \$ | \$ | \$ |
| Terminal B | \$ | \$ | \$ |
| Terminal C | \$ | \$ | \$ |
| Terminal D | \$ | \$ | \$ |
| Terminal E Ticket Counter and Checkpoint | \$ | \$ | \$ |
| Federal Inspection Services (FIS) | \$ | \$ | \$ |
| Terminal A/B Parking Garage | \$ | \$ | \$ |
| Terminal C - West Parking Garage | \$ | \$ | \$ |
| Terminal C - East Parking Garage | \$ | \$ | \$ |
| Terminal D/E - Parking Garage | \$ | \$ | \$ |

IAH AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|---|----|----|----|
| Skyway Maintenance Facility | \$ | \$ | \$ |
| HAS Administration Complex - 16930 JFK Blvd | \$ | \$ | \$ |
| ARFF Station 54 - 19006 Aldine Westfield | \$ | \$ | \$ |
| ARFF Station 92 - 4300 Will Clayton | \$ | \$ | \$ |
| ARFF Station 99 - 18580 Chanute Rd | \$ | \$ | \$ |
| HAS Airport Operations Building/Complex - 4775 Will Clayton | \$ | \$ | \$ |
| Airport Services Complex - 4500 Will Clayton | \$ | \$ | \$ |
| Supply Chain Management Complex - 18600 Lee Rd | \$ | \$ | \$ |
| Infrastructure Division Office (IDO) - 111 Standifler St. | \$ | \$ | \$ |
| Skyway Power Station (PDS 1, PDS 2 & PDS 3) | \$ | \$ | \$ |
| South Vault | \$ | \$ | \$ |
| North Vault | \$ | \$ | \$ |
| West Vault | \$ | \$ | \$ |

IAH REMOTE BUILDINGS

| | | | |
|---|----|----|----|
| K-9 Bldg. 2452 Rankin Rd | \$ | \$ | \$ |
| Inbound JFK/South Aircraft Bridge | \$ | \$ | \$ |
| Ground Transportation Center Complex - 6135 Will Clayton Pkwy | \$ | \$ | \$ |
| Fleet Maintenance Facility - 18201 Viscount Rd, Bldg. G, #G300 | \$ | \$ | \$ |
| Guard Booths located at AOA Gates (9 total) & Loading Docks - (2 total) | \$ | \$ | \$ |
| Fumigation Bldg. - 19151 Lee Rd. | \$ | \$ | \$ |
| One Stop Cargo Bldg. - 19581 Lee Rd. | \$ | \$ | \$ |
| HAS Cargo Building 18500-A Lee Road | \$ | \$ | \$ |
| Eco Park 2 IDF Room - 5021 will Clayton Pkwy | \$ | \$ | \$ |
| Electrical Vaults on AOA - 3 Total (North, South, & West) | \$ | \$ | \$ |

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 4 SUBTOTAL - IAH | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 4 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 4 | | | |

HOU TERMINAL/PUBLIC FACILITIES

| | | | |
|-------------------------------------|----|----|----|
| HOU Terminal Building | \$ | \$ | \$ |
| HOU International Terminal Building | \$ | \$ | \$ |
| HOU Blue Garage | \$ | \$ | \$ |
| HOU Red Garage | \$ | \$ | \$ |

HOU AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|---|----|----|----|
| Admin Building - 8800 Paul B. Koonce St. | \$ | \$ | \$ |
| Fleet Facility, 8913 Paul B. Koonce St. | \$ | \$ | \$ |
| Outbound Baggage Building | \$ | \$ | \$ |
| ARFF Station 81 | \$ | \$ | \$ |
| Price Compressor Facility | \$ | \$ | \$ |
| Electrical Vaults - 2 Total (North & South) | \$ | \$ | \$ |
| South Electrical Vault | \$ | \$ | \$ |

HOU REMOTE BUILDINGS

| | | | |
|------------------|----|----|----|
| Taxi Staging Lot | \$ | \$ | \$ |
|------------------|----|----|----|

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 4 SUBTOTAL - HOU | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

EFD AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|--|----|----|----|
| Admin Building - 11502 Aerospace Ave, Bldg. 510 | \$ | \$ | \$ |
| Airfield and Grounds Building - 5011 Farley | \$ | \$ | \$ |
| Houston Aerospace Support Center - 13150 Space Center Blvd | \$ | \$ | \$ |
| HPD Facility - 11602 Kirk Ave | \$ | \$ | \$ |

EFD REMOTE BUILDINGS

| | | | |
|--|----|----|----|
| New Tower - 11501 Brantley Ave | \$ | \$ | \$ |
| Lighting Vaults - 11301 Blume Ave, Bldg. 778 | \$ | \$ | \$ |
| Generators North & South - Airside | \$ | \$ | \$ |
| T- Hangers (6 total/90 units) | \$ | \$ | \$ |

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 4 SUBTOTAL - EFD | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

| | | | | | | |
|---|----|---|----|---|----|---|
| YEAR 4 GRAND TOTAL - IAH, HOU, & EFD | \$ | - | \$ | - | \$ | - |
|---|----|---|----|---|----|---|

EXHIBIT F-1

Houston Airport System HVAC O&M Contract Bid Items List YEAR 4 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|---------------------------------|--------------------------|------------------------|
| YEAR 4 | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |

YEAR 4 - UNIT PRICING

Unit Price Per Square Foot

| IAH Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| HOU Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| EFD Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 5 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 5 | | | |

IAH TERMINAL/PUBLIC FACILITIES

| | | | |
|--|----|----|----|
| Terminal A | \$ | \$ | \$ |
| Terminal B | \$ | \$ | \$ |
| Terminal C | \$ | \$ | \$ |
| Terminal D | \$ | \$ | \$ |
| Terminal E Ticket Counter and Checkpoint | \$ | \$ | \$ |
| Federal Inspection Services (FIS) | \$ | \$ | \$ |
| Terminal A/B Parking Garage | \$ | \$ | \$ |
| Terminal C - West Parking Garage | \$ | \$ | \$ |
| Terminal C - East Parking Garage | \$ | \$ | \$ |
| Terminal D/E - Parking Garage | \$ | \$ | \$ |

IAH AIRPORT ADMIN/SUPPORT BUILDINGS

| | | | |
|---|----|----|----|
| Skyway Maintenance Facility | \$ | \$ | \$ |
| HAS Administration Complex - 16930 JFK Blvd | \$ | \$ | \$ |
| ARFF Station 54 - 19006 Aldine Westfield | \$ | \$ | \$ |
| ARFF Station 92 - 4300 Will Clayton | \$ | \$ | \$ |
| ARFF Station 99 - 18580 Chanute Rd | \$ | \$ | \$ |
| HAS Airport Operations Building/Complex - 4775 Will Clayton | \$ | \$ | \$ |
| Airport Services Complex - 4500 Will Clayton | \$ | \$ | \$ |
| Supply Chain Management Complex - 18600 Lee Rd | \$ | \$ | \$ |
| Infrastructure Division Office (IDO) - 111 Standifler St. | \$ | \$ | \$ |
| Skyway Power Station (PDS 1, PDS 2 & PDS 3) | \$ | \$ | \$ |
| South Vault | \$ | \$ | \$ |
| North Vault | \$ | \$ | \$ |
| West Vault | \$ | \$ | \$ |

IAH REMOTE BUILDINGS

| | | | |
|---|----|----|----|
| K-9 Bldg. 2452 Rankin Rd | \$ | \$ | \$ |
| Inbound JFK/South Aircraft Bridge | \$ | \$ | \$ |
| Ground Transportation Center Complex - 6135 Will Clayton Pkwy | \$ | \$ | \$ |
| Fleet Maintenance Facility - 18201 Viscount Rd, Bldg. G, #G300 | \$ | \$ | \$ |
| Guard Booths located at AOA Gates (9 total) & Loading Docks - (2 total) | \$ | \$ | \$ |
| Fumigation Bldg. - 19151 Lee Rd. | \$ | \$ | \$ |
| One Stop Cargo Bldg. - 19581 Lee Rd. | \$ | \$ | \$ |
| HAS Cargo Building 18500-A Lee Road | \$ | \$ | \$ |
| Eco Park 2 IDF Room - 5021 will Clayton Pkwy | \$ | \$ | \$ |
| Electrical Vaults on AOA - 3 Total (North, South, & West) | \$ | \$ | \$ |

| | | | | | | |
|------------------------------|----|---|----|---|----|---|
| YEAR 5 SUBTOTAL - IAH | \$ | - | \$ | - | \$ | - |
|------------------------------|----|---|----|---|----|---|

EXHIBIT F-1
Houston Airport System HVAC O&M Contract Bid Items List
YEAR 5 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|--|--------------------------|-------------------|-----------------|
| | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |
| YEAR 5 | | | |
| HOU TERMINAL/PUBLIC FACILITIES | | | |
| HOU Terminal Building | \$ | \$ | \$ |
| HOU International Terminal Building | \$ | \$ | \$ |
| HOU Blue Garage | \$ | \$ | \$ |
| HOU Red Garage | \$ | \$ | \$ |
| HOU AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 8800 Paul B. Koonce St. | \$ | \$ | \$ |
| Fleet Facility, 8913 Paul B. Koonce St. | \$ | \$ | \$ |
| Outbound Baggage Building | \$ | \$ | \$ |
| ARFF Station 81 | \$ | \$ | \$ |
| Price Compressor Facility | \$ | \$ | \$ |
| Electrical Vaults - 2 Total (North & South) | \$ | \$ | \$ |
| South Electrical Vault | \$ | \$ | \$ |
| HOU REMOTE BUILDINGS | | | |
| Taxi Staging Lot | \$ | \$ | \$ |
| YEAR 5 SUBTOTAL - HOU | \$ - | \$ - | \$ - |
| EFD AIRPORT ADMIN/SUPPORT BUILDINGS | | | |
| Admin Building - 11502 Aerospace Ave, Bldg. 510 | \$ | \$ | \$ |
| Airfield and Grounds Building - 5011 Farley | \$ | \$ | \$ |
| Houston Aerospace Support Center - 13150 Space Center Blvd | \$ | \$ | \$ |
| HPD Facility - 11602 Kirk Ave | \$ | \$ | \$ |
| EFD REMOTE BUILDINGS | | | |
| New Tower - 11501 Brantley Ave | \$ | \$ | \$ |
| Lighting Vaults - 11301 Blume Ave, Bldg. 778 | \$ | \$ | \$ |
| Generators North & South - Airside | \$ | \$ | \$ |
| T- Hangers (6 total/90 units) | \$ | \$ | \$ |
| YEAR 5 SUBTOTAL - EFD | \$ - | \$ - | \$ - |
| YEAR 5 GRAND TOTAL - IAH, HOU, & EFD | \$ - | \$ - | \$ - |

EXHIBIT F-1

Houston Airport System HVAC O&M Contract Bid Items List YEAR 5 - LEVELS OF SERVICE

Notes:

1. Reference Scope of Work Statement, Exhibit "M" Equipment Lists & Exhibit "N" Buildings

2. Contractor level of service bid pricing will be effective for duration of contract and be defined as "Unit Pricing" if new Terminal/Public Facilities, Admin/Support Buildings and Remote Buildings are added or subtracted from the contract.

| AIRPORT/BUILDING/LOCATION | ANNUAL LUMP SUM COST | | |
|---------------------------|--------------------------|-------------------|-----------------|
| YEAR 5 | PERPETUAL | PREDICTIVE | REACTIVE |
| | Best Management Practice | Industry Standard | Routine Service |

YEAR 5 - UNIT PRICING

Unit Price Per Square Foot

| IAH Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| HOU Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

Unit Price Per Square Foot

| EFD Unit Pricing | \$/SF | \$/SF | \$/SF |
|---|-------|-------|-------|
| Inclusion/Exclusion Rate Per Square Footage | \$ | \$ | \$ |

EXHIBIT F - 2 HVAC BASIC SERVICES

| IAH | PERPETUAL LOS | | PREDICTIVE LOS | | REACTIVE LOS | |
|------------------------|----------------------------|-----------------|---------------------|-----------------|----------------|-----------------|
| BASIC SERVICES | (Best Management Practice) | | (Industry Standard) | | (Routine) | |
| <i>Year of Service</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> |
| Year 1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 3 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 4 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Total | \$ - | Total | \$ - | Total | \$ - |

| HOU | PERPETUAL LOS | | PREDICTIVE LOS | | REACTIVE LOS | |
|------------------------|----------------------------|-----------------|---------------------|-----------------|----------------|-----------------|
| BASIC SERVICES | (Best Management Practice) | | (Industry Standard) | | (Routine) | |
| <i>Year of Service</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> |
| Year 1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 3 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 4 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Total | \$ - | Total | \$ - | Total | \$ - |

| EFD | PERPETUAL LOS | | PREDICTIVE LOS | | REACTIVE LOS | |
|------------------------|----------------------------|-----------------|---------------------|-----------------|----------------|-----------------|
| BASIC SERVICES | (Best Management Practice) | | (Industry Standard) | | (Routine) | |
| <i>Year of Service</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> | <i>Monthly</i> | <i>Annually</i> |
| Year 1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 3 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 4 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Year 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Total | \$ - | Total | \$ - | Total | \$ - |

| PERPETUAL LOS | | PREDICTIVE LOS | | REACTIVE LOS | |
|--------------------|-------------|--------------------|-------------|--------------------|-------------|
| Grand Total | \$ - | Grand Total | \$ - | Grand Total | \$ - |

EXHIBIT F-3-A - HVAC FEE SCHEDULE (IAH OSR)

OTHER WORK SERVICES (OSR'S) - IAH

| IAH HVAC PERPETUAL LOS (Best Management Practice) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 330 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 160 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 320 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 60 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 90 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 40 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 1,000 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |
| Total Costs (Hours & Materials) | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |

| IAH HVAC PREDICTIVE LOS (Industry Standard) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 380 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 184 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 368 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 68 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 104 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 46 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 1,150 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |
| Total Costs (Hours & Materials) | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |

EXHIBIT F-3-A - HVAC FEE SCHEDULE (IAH OSR)

| IAH HVAC REACTIVE LOS (Routine) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|-------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|-------------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 403 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 195 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 390 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 73 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 110 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 49 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 1,220 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |
| Total Costs (Hours & Materials) | | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | | \$ 150,000.00 | \$ 750,000.00 |

EXHIBIT F-2-B - HVAC FEE SCHEDULE (HOU OSR)

OTHER WORK SERVICES (OSR'S) - HOU

| HOU HVAC PERPETUAL LOS (Best Management Practice) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 115 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 30 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 46 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 28 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 23 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 9 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 251 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Total Costs (Hours & Materials) | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |

| HOU HVAC PREDICTIVE LOS (Industry Standard) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 120 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 31 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 48 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 29 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 24 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 262 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Total Costs (Hours & Materials) | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |

EXHIBIT F-2-B - HVAC FEE SCHEDULE (HOU OSR)

| HOU HVAC REACTIVE LOS (Routine) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|-------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|-------------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 130 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 34 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 52 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 32 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 26 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 284 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |
| Total Costs (Hours & Materials) | | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | | \$ 37,120.00 | \$ 185,600.00 |

EXHIBIT F-3-C - HVAC FEE SCHEDULE (EFD OSR)

OTHER WORK SERVICES (OSR'S) - EFD

| EFD HVAC PERPETUAL LOS (Best Management Practice) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 125 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 50 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 225 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Total Costs (Hours & Materials) | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |

| EFD HVAC PREDICTIVE LOS (Industry Standard) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|----------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|----------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 125 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 50 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 225 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Total Costs (Hours & Materials) | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |

EXHIBIT F-3-C - HVAC FEE SCHEDULE (EFD OSR)

| EFD HVAC REACTIVE LOS (Routine) | Contract Hours | Year 1 Cost Per Hour | Year 1 Costs | Year 2 Cost Per Hour | Year 2 Costs | Year 3 Cost Per Hour | Year 3 Costs | Year 4 Cost Per Hour | Year 4 Costs | Year 5 Cost Per Hour | Year 5 Costs | Total Contract Costs |
|--|-------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|-------------------------|
| HVAC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 125 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DDC Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 50 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| DX Maintenance Mechanic | | | | | | | | | | | | |
| Normal Work Hours | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| After Normal Work Hours | 5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cost Total Hours | 225 | | \$ - | | \$ - | | \$ - | | \$ - | | \$ - | \$ - |
| Cost Materials | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Proposed % Mark-Up | | | 0% | | 0% | | 0% | | 0% | | 0% | |
| Costs Materials + Mark-Up | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |
| Total Costs (Hours & Materials) | | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | | \$ 20,000.00 | \$ 100,000.00 |