

**Attachment E - Exhibit "M" (REVISED 09.16.22)**  
**HOU Equipment List - Satellite Utility Plant (SUP)**

**7 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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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
UH-1	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4273	Chiller Room 100	2015
UH-2	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4272	Chiller Room 100	2015
UH-3	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4267	Chiller Room 100	2015
UH-4	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4269	Chiller Room 100	2015
UH-5	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-3781	Chiller Room 100	2015
UH-6	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4274	Chiller Room 100	2015
UH-7	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	30014714-4177	Chiller Room 100	2015
UH-8	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	39014714-4347	Water Treatment 101	2015
UH-9	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	39014714-4272	Fire Water Suppression 105	2015
UH-10	Mfg.: Modine Type: Unit Heater Size: 1/6hp	HDB185B015A	39014714-4542	Boiler Room 107	2015
AHU-1	Mfg.: York Type: Air handling unit R410a Mtr: 10hp	XT1-051X078-GAKA046A	AACMXT0172	Electrical Room	2015

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
FCU-1	Mfg.: Enviro-Tec Type: Fan coil unit R410a Mtr: 1/6hp	HPP12	6ACM007707	IDF Room	2015
FCU-2	Mfg.: Enviro-Tec Type: Fan coil unit R410a Mtr: 1/6hp	HPP12	6ACM007708	Fire Suppression Room 105	2015
FCU-3	Mfg.: Enviro-Tec Type: Fan coil unit R410a Mtr: 1/6hp	HPP12	6ACM00709	VFD Room 109	2015
CU-1	Mfg.: Johnson controls Type: Condensing unit R410a Size: 30 tons	J30YDC00A4BAA1A	N1A5419282	AHU-1 rm 100	2015
CU-F1	Mfg.: York Type: Condensing unit R410a Size: 5 tons	YCJD30S4453A	W1L4249441	FCU-1 rm 205	2015
CU-F2	Mfg.: York Type: Condensing unit R410a Size: 3 tons	YCJD60S4454A	W1N4337810	FCU-2 rm 105	2015
CU-F3	Mfg.: York Type: Condensing unit R410a Size: 5 tons	YCJD60S4454A	W1N4337827	FCU-3 rm 109	2015
B-1	Mfg: Camus Dyna flame Type: Boiler Natural gas Btu/hr: 4,000,000	DFNH-4002-MSI-SC	101420147	Boiler Room	2015

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
B-2	Dyna flame Type: Boiler Natural gas Btu/hr: 4,000,000	DFNH-4002-MSI-SC	101420148	Boiler Room	2015
B-3	Dyna flame Type: Boiler Natural gas Btu/hr: 4,000,000	DFNH-4002-MSI-SC	101420149	Boiler Room	2015
HWP-P1	Mfg.: Nema Premium Type: pump GPM: 253 RPM: 1760	005180T3E184JM-S	763147	B-1	2015
HWP-P2	Mfg.: Nema Premium Type: pump GPM: 253 RPM: 1760	005180T3E184JM-S	763146	B-2	2015
HWP-P3	Mfg.: Nema Premium Type: pump GPM: 253 RPM: 1760	005180T3E184JM-S	763145	B-3	2015
HWP-S1 Motor	Mfg.: Baldor Type: electric motor Size: 100hp RPM: 1780	EM2555T-4	C1411041412	Main & Central Concourses	2015
HWP-S1 Pump	Mfg.: Paco pumps Type: centrifugal GPM: 1400	60157LF	1971100729-10B	Boiler Room	2015
HWP-S2 Motor	Mfg.: Baldor Type: electric motor Size: 100hp RPM: 1780	EM2555T-4	C1411041427	Boiler Room	2015
HWP-S2 Pump	Mfg.: Paco pumps Type: centrifugal GPM: 1400	60157LF	1971100729-10A	Boiler Room	2015

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
EF-1	Mfg.: Marathon Type: Exhaust fan Mtr: 1/6hp - 1725 rpm	NQH48S17012794J	G14J260041	Restroom	2015
EF-2	Mfg.: Marathon Type: Exhaust fan Mtr: 1/6hp - 1725 rpm	NQH48S17012794J	G14J260046	Restroom	2015
EF-3	Mfg.: N/A Type: Direct drive Mtr: N/A	N/A	N/A	Water Treatment Room	2015
EF-T1	Mfg.: N/A Type: Exhaust fan Mtr: N/A	RCE324617A20X	1390859114K	Satellite Utility Plant Tunnel	2015
SF-T1	Mfg.: Greenheck Type: Supply fan Mtr: N/A	SBS3H3620	F1411132897	Satellite Utility Plant Tunnel	2015
SP-2 SP-3	Mfg.: Rhombus Type: sump pump Size: 2 pumps at station	3221W401H6A17J19F	616180X-14319	Satellite Utility Plant Tunnel	2015
SP-4 SP-5	Mfg.: Rhombus Type: sump pump Size: 2 pumps at station	3221W401H6A17J19F	616181X-14319	Satellite Utility Plant Tunnel	2015
Lift station	Mfg.: Schnieder Type: Lift station Size: 2 pumps at station	N/A	N/A	Satellite Utility Plant Station	2015
Chiller 1	Mfg.: York Type: Water Cooled Centrifugal Size: 1100 Tons	YKKGKKK1-EAH	SNHM-677780	Satellite Utility Plant Chiller Room 100	2021
Chiller 2	Mfg.: York Type: Water Cooled Centrifugal Size: 1100 Tons	YKKGKKK1-EAH	SNHM-677540	Satellite Utility Plant Chiller Room 100	2021
Chiller 3	Mfg.: York Type: Water Cooled Centrifugal Size: 1100 Tons	YKKGKKK1-EAH	SNHM-677300	Satellite Utility Plant Chiller Room 100	2021

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
Chiller 4	Mfg.: York Type: Water Cooled Centrifugal Size: 1100 Tons	YKKGKKK1-EAH	SNHM-678020	Satellite Utility Plant Chiller Room 100	2021
Cooling Tower	Mfg.: Baltimore Aircoil Company Type: Cross Flow Cooling Size: 4390 USGPM	S3E-1424-14S-2/X	1971194288-20A	Satellite Utility Plant	2021
Cooling Tower	Mfg.: Baltimore Aircoil Company Type: Cross Flow Cooling Size: 4390 USGPM	S3E-1424-14S-2/X	1971194288-20C	Satellite Utility Plant	2021
Cooling Tower	Mfg.: Baltimore Aircoil Company Type: Cross Flow Cooling Size: 4390 USGPM	S3E-1424-14S-2/X	1971194288-20B	Satellite Utility Plant	2021
Cooling Tower	Mfg.: Baltimore Aircoil Company Type: Cross Flow Cooling Size: 4390 USGPM	S3E-1424-14S-2/X	1971194288-20D	Satellite Utility Plant	2021
CHP-1 Chiller Water Pump	Mfg.: GRUNDFOS Type: Size:	6019-7/8 KP	1971194288-10A	Satellite Utility Plant Chiller Room 100 Southeast Wall	2021
CHP-2 Chiller Water Pump	Mfg.: GRUNDFOS Type: Size:	6019-7/8 KP	1971194288-10B	Satellite Utility Plant Chiller Room 100 Northeast Wall	2021
CHP-3 Chiller Water Pump	Mfg.: GRUNDFOS Type: Size:	6019-7/8 KP	1971194288-10D	Satellite Utility Plant Chiller Room 100 Southeast Wall	2021
CHP-4 Chiller Water Pump	Mfg.: GRUNDFOS Type: Size:	6019-7/8 KP	1971194288-10C	Satellite Utility Plant Chiller Room 100 Northeast Wall	2021
CWP-1 Condenser Water Pump	Mfg.: GRUNDFOS Type: Size:	8012-5/9 KP	1971194288-20A	Satellite Utility Plant Chiller Room 100 Southwest Wall	2021
CWP-2 Condenser Water Pump	Mfg.: GRUNDFOS Type: Size:	8012-5/9 KP	1971194288-20C	Satellite Utility Plant Chiller Room 100 Northwest Wall	2021

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
CWP-3 Condenser Water Pump	Mfg.: GRUNDFOS Type: Size:	8012-5/9 KP	1971194288-20B	Satellite Utility Plant Chiller Room 100 Southwest Wall	2021
CWP-4 Condenser Water Pump	Mfg.: GRUNDFOS Type: Size:	8012-5/9 KP	1971194288-20D	Satellite Utility Plant Chiller Room 100 Northwest Wall	2021
AHU-2	Mfg.: York Type: Size:	XTI-60X90	AGJM XT0009	Satellite Utility Plant Chiller Room 100 North Wall - Ceiling	2021
FCU-4 Fan Coil Unit	Mfg.: ENVIRO-TEC Type: Size:	HPP12	6HJM 008078	Control Room 2nd Floor Room Adjacent to Elevator	2021
FCU-5 Fan Coil Unit	Mfg.: ENVIRO-TEC Type: Size:	HPP10	6HJM 008079	IDF Room 2nd Floor	2021
CT-1 VFD	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212108546	Satellite Utility Plant Chiller Room 100 South Wall	2021
CT-2 VDF	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212108464	Satellite Utility Plant Chiller Room 100 North Wall	2021
CT-3 VDF	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212108528	Satellite Utility Plant Chiller Room 100 South Wall	2021
CT-4 VDF	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212108557	Satellite Utility Plant Chiller Room 100 North Wall	2021
CHWP-1 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-240A-4	221230124	Satellite Utility Plant Chiller Room 100 South Wall	2021

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Equipment ID	Description	Model No.	Serial No.	Location	Year Installed
CHWP-2 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-240A-4	2212205930	Satellite Utility Plant Chiller Room 100 East Wall nearby stairwell	2021
CHWP-3 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-240A-4	2212206007	Satellite Utility Plant Chiller Room 100 South Wall	2021
CHWP-4 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-240A-4	2212206139	Satellite Utility Plant Chiller Room 100 East Wall nearby stairwell	2021
CWP-1 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212300924	Satellite Utility Plant Chiller Room 100 South Wall	2021
CWP-2 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212300846	Satellite Utility Plant Chiller Room 100 North Wall	2021
CWP-3 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212300849	Satellite Utility Plant Chiller Room 100 South Wall	2021
CWP-4 Pump VFD	Mfg.: Type: Size:	ACH580-PCR-096A-4	2212300850	Satellite Utility Plant Chiller Room 100 North Wall	2021
AHU-2 VFD	Mfg.: Type: Size:	ACH580-PCR-023A-4	2212300925	Satellite Utility Plant Chiller Room 100 North Wall	2021
RPF – Refrigerant Purge Fan	Mfg.: Cook Type: Size:	165SQN17D(VF2	2856SJ62345-00/0000701	Satellite Utility Plant Chiller Room 100	2021
SWP-1 Basin Filtration	Mfg.: Lakos Type: Size:	TBX-0400	13579	Satellite Utility Plant	2021
	Mfg.: Type: Size:				2021

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