

EXISTING ROOFTOP UNIT SCHEDULE

UNIT:		COOLING PERFORMANCE				HEATING PERFORMANCE				COMPRESSORS		CONDENSER FAN		EVAP. FAN		ELECTRICAL DATA (30/208V/60HZ)		DIMENSIONS (L X W X D) (IN.)		WT. (LBS)	MANUFACTURER MODEL NO.
TAG	LOCATION	TONS	CAP (MBH)	EER	CFM	HEAT INPUT (MBH)	HEAT OUTPUT (MBH)	EFF. (%)	GAS PIPE SIZE Ø (IN.)	TYPE	NO.	HP	UNITS	HP	UNITS	MCA	RLA	(IN.)	(IN.)	(LBS)	
RTU-1 10	ROOF	5	120	9.0	4000	240	192	80	3/4	RECIP.	2	3/4	2	2	1	51.9	48.3	90 X 60 X 50	1116		YORK DM120N20A2AAA3C

REMARKS: RTU-1 EER = 9.0, REFRIGERANT = R22
 BASIS OF DESIGN: ROOFTOP UNIT WITH DIFFERENTIAL ENTHALPY CONTROLLED ECONOMIZER WITH POWER EXHAUST, LOW AMBIENT HEAD PRESSURE CONTROLS, SMOKE DETECTOR, PROGRAMMABLE THERMOSTAT, ROOF CURB, THRU-THE-BOTTOM SERVICE CONNECTIONS AND 120 VAC GFCI CONVENIENCE OUTLET.

- NOTES:
 1) CONTRACTOR TO UTILIZE LANDLORD'S ROOFING CONTRACTOR FOR ALL ROOF PENETRATIONS. REUSE EXISTING ROOF OPENINGS IF POSSIBLE.
 2) CONTRACTOR TO HIRE STRUCTURAL ENGINEER TO VERIFY STRUCTURAL INTEGRITY OF ROOF DECK. ADDITIONAL STRUCTURAL REQUIREMENTS ARE THE RESPONSIBILITY OF THIS CONTRACTOR.
 3) RUN 1" CONDENSATE DRAIN LINE TO NEAREST ROOF DRAIN OR SPLASH BLOCK.
 4) UNIT SHALL BE MOUNTED ON PREFABRICATED ROOF CURB WITH VIBRATION ELIMINATORS (WHERE REQUIRED). LOCATE PER LANDLORD'S SPECIFICATIONS.

SMOKE DETECTOR TEST STATION

SDT	REMOTE TEST STATION WITH AUDIBLE AND VISUAL ALARM FOR DUCT SMOKE DETECTOR MANUFACTURED BY SIMPLEX MODEL 4098-9842.
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AIR BALANCE SCHEDULE

MARK	PET VALU (CFM)		
	S/A	O/A	E/A
RTU-1	2,000	500	-
RTU-2	2,000	500	-
EF-1	-	-	70
EF-2	-	-	70
EF-3	-	-	70
EF-4	-	-	170
TOTAL	4,000	1,000	380

SALES PRESSURIZATION (O/A) - (E/A) = +1000 CFM - 380 CFM = +620 CFM
 NET BUILDING PRESSURIZATION = +620 CFM

THERMOSTAT SCHEDULE

THERMOSTAT BY MECHANICAL CONTRACTOR
THERMOSTAT SHALL BE MANUFACTURED BY HONEYWELL, MODEL VisionPRO WIFI (TH8321WF1001).
THERMOSTAT SHALL BE TOUCHSCREEN PROGRAMMABLE 7-DAY TYPE. PROVIDE LOCKING GUARD COVER. MOUNT AT 4'-0" AFF.

KEY NOTES

- ROUTE SUPPLY AND RETURN DUCTWORK FULL SIZE FROM THE NEW RTU CONNECTIONS THROUGH THE ROOF AS SHOWN. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITION THROUGH THE JOISTS AS REQUIRED.
- FACTORY INSTALLED SMOKE DETECTOR CAPABLE OF SHUTTING DOWN THE RESPECTIVE MECHANICAL UNIT UPON ACTIVATION.
- VERIFY FINAL PLACEMENT OF 2477 EXISTING PROGRAMMABLE THERMOSTAT AND NEW TEMPERATURE SENSORS WITH ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS.
- PROVIDE NEW CEILING MOUNTED CABINET FAN FOR EXHAUST. ROUTE THE BRANCH EXHAUST DUCT TO MAIN EXHAUST DUCT TO EXTERIOR OF BUILDING. FAN SHALL BE INTERLOCKED WITH RESTROOM LIGHT SWITCH FOR SIMULTANEOUS OPERATION.
- ROUTE NEW EXHAUST DUCT UP THROUGH ROOF WITH ROOF CAP AND INSECT SCREEN. MAINTAIN MINIMUM 10'-0" CLEARANCE FROM ALL AIR INTAKES AND BUILDING OPENINGS. COORDINATE ALL ROOF MODIFICATIONS WITH LANDLORD REPRESENTATIVE AND LANDLORD ROOFING CONTRACTOR.
- PROVIDE NEW CEILING MOUNTED CABINET FAN AT 11'-0" AFF FOR EXHAUST. FAN SHALL BE CONTROLLED BY AN INDEPENDENT SWITCH LOCATED INSIDE THE DOG WASH STATION.
- ROUTE 3" PVC FLUE VENT AND 3" PVC COMBUSTION AIR INTAKE OUT THRU EXTERIOR WALL AND TERMINATE PER MANUFACTURER'S INSTRUCTION.
- CONN 4" GALVANIZED SHEET METAL (26 GA.) CLOTHES DRYER DUCT FROM CLOTHES DRYER AND ROUTE AS SHOWN THROUGH EXTERIOR WALL @ 10'-0" FINISHED ELEVATION AND TERMINATE WITH DRYER VENT CAP WITH BACKDRAFT DAMPER (NO SCREWS). MAINTAIN A MIN. DISTANCE OF 10'-0" AWAY FROM ALL FRESH AIR INTAKES AND BUILDING OPENINGS.
- RETURN AIR INTAKE OPENING SHALL HAVE A MINIMUM FREE AREA OF 7 SQUARE FEET. PROVIDE 1/4"x1/4" CORROSION RESISTANT WIRE MESH SCREEN OVER INTAKE.
- EXPOSED DUCTWORK SHALL BE INSTALLED AS INTERNALLY LINED SPIRAL RIGID ROUND WITH GALVANIZED SHEET METAL FINISH. BOTTOM OF DUCTWORK SHALL BE FLUSH WITH THE ADJACENT LIGHTS (11'-0" A.F.F.).
- UNDERCUT DOOR 1" FOR TRANSFER AIR.
- RETURN AIR PLENUM SHALL BE INTERNALLY LINED AS DESCRIBED IN THE GENERAL NOTES ON SHEET M2.0. BOTTOM OF RETURN PLENUM SHALL BE EVEN WITH THE BOTTOM OF THE ADJACENT SUPPLY MAIN(S).

LEGEND

	SQUARE CEILING SUPPLY AIR DIFFUSER 24/24		EQUIPMENT LABEL		TEMPERATURE SENSOR		SMOKE DAMPER
	SQUARE CEILING SUPPLY AIR DIFFUSER 12/12		DIFFUSER NECK SIZE		CARBON DIOXIDE SENSOR		BACK DRAFT DAMPER
	ROUND SUPPLY AIR DIFFUSER		SUPPLY AIR DIFFUSER		NEW DUCTWORK		PHOTOELECTRIC SMOKE DETECTOR
	CEILING RETURN AIR GRILLE		RETURN AIR GRILLE		NEW DUCTWORK WITH ACOUSTICAL LINING		EXISTING
	THERMOSTAT		RETURN AIR REGISTER		EXISTING DUCTWORK		RELOCATED
			TOP REGISTER		VOLUME DAMPER		FLEXIBLE CONNECTION
			FIRE DAMPER		CABLE OPERATED VOLUME DAMPER		FIELD CONNECTION

EXHAUST FAN SCHEDULES

	SERVICE	CFM	E.S.P. "/WG	RPM	MOTOR HP	VOLTS/ PH	MANUFACTURER	MODEL	FAN TYPE	WEIGHT	NOTES
EF-1	GROOMING RM.	70	0.25	900	1/10	115/1	GREENHECK	SP-A 90	DIRECT	12	1,2,3
EF-2	TOILET RM.	70	0.25	900	1/10	115/1	GREENHECK	SP-A 90	DIRECT	12	1,2,3
EF-3	TOILET RM.	70	0.25	900	1/10	115/1	GREENHECK	SP-A 90	DIRECT	12	1,2,3
EF-4	DOG WASH	170	0.25	1400	1/6	115/1	GREENHECK	SP-A 190	DIRECT	17	1,2,3

NOTES: (NOT ALL MAY APPLY)
 1. PROVIDE INDEPENDENT WEATHER PROOF DISCONNECT SWITCH IN SIGHT OF THE EQUIPMENT.
 2. PROVIDE GRAVITY BACKDRAFT DAMPER.
 3. FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.

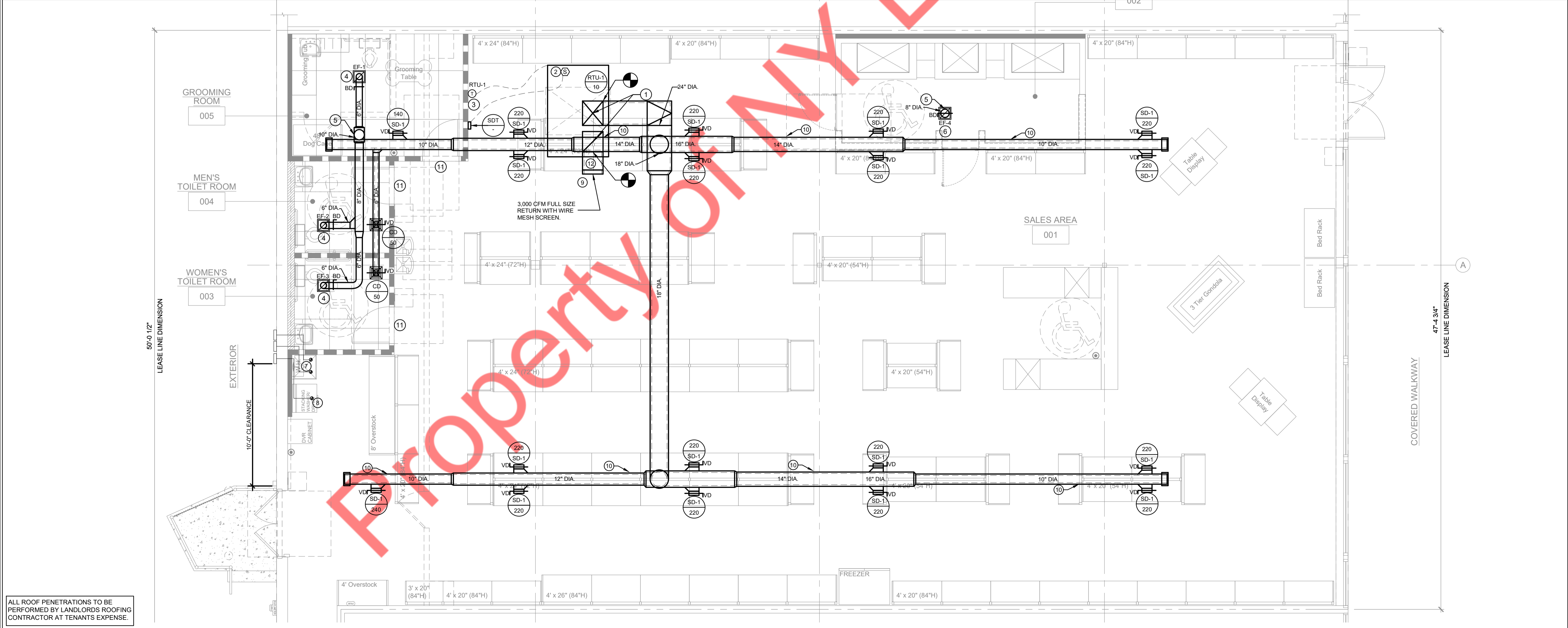
AIR DEVICE SCHEDULE

MARK	FACE SIZE	TYPE	MOUNTING TYPE	MAXIMUM N.C.	DIRECTION	MANUFACTURER	MODEL	NOTES
CD	12X12	SUPPLY	CEILING	30	4-WAY	TITUS	TMS	1,2,3
SD-1	12X8	SUPPLY	SURFACE	30	1-WAY	TITUS	300RL	1,2,3

NOTES: (NOT ALL MAY APPLY)
 1. PROVIDE NECESSARY MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED FOR INTENDED INSTALLATION.
 2. AIR DEVICE(S) SHALL BE FACTORY FINISHED #26 WHITE.
 3. AIR DEVICE(S) SHALL BE INSTALLED WITH MANUFACTURER AVAILABLE MOLDED INSULATION BACKING. FIELD FABRICATED INSULATION BACKING IS NOT ALLOWED (UNLESS FIRST APPROVED BY THE OWNER'S CONSTRUCTION MANAGER).

NOTE: CONSTRUCTION DOCUMENTS ARE BASED ON A SET OF DRAWINGS AND/OR INFORMATION PROVIDED BY PET VALU. SARGENTI ARCHITECTS AND SARGENTI'S ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS.

MECHANICAL SCHEDULE SCALE: NONE 2



ALL ROOF PENETRATIONS TO BE PERFORMED BY LANDLORD'S ROOFING CONTRACTOR AT TENANTS EXPENSE.

MECHANICAL FLOOR PLAN SCALE: 1/4" = 1'-0" 1