

MECHANICAL ABBREVIATIONS			
AHU	AIR HANDLING UNIT	PC	PHOTOCELL
AI	ANALOG INPUT	PT	PROGRAMMABLE THERMOSTAT
AO	ANALOG OUTPUT	RA	RETURN AIR
AUX	AUXILIARY	RD	RETURN DIFFUSER
AWG	AMERICAN WIRE GAUGE	RES	RESISTOR
CD	CONTROL DAMPER	RG	RETURN GRILLE
CFM	CUBIC FEET PER MINUTE	RPM	ROTATIONS PER MINUTE
COM	COMMON	RTU	ROOFTOP UNIT
CU	CONDENSING UNIT	RVR	REVERSING VALVE RELAY
CV	CONTROL VALVE	SD	SUPPLY DIFFUSER
CV	VALVE COEFFICIENT	SEF	SMOKE EXHAUST FAN
DC	DIRECT CURRENT	SF	SERVICE FACTOR
DI	DIGITAL INPUT	SMD	SMOKE DETECTOR
DO	DIGITAL OUTPUT	SR	SUPPLY REGISTER
EA	EXHAUST AIR	TC	TIME CLOCK
EAT	ENTERING AIR TEMPERATURE	TDM	TEMPERATURE DISPLAY MODULE
EF	EXHAUST FAN	TS	TEMPERATURE SENSOR
EOL	END OF LINE	UH	UNIT HEATER
EWT	ENTERING WATER TEMPERATURE	V	VOLT
FACP	FIRE ALARM CONTROL PANEL	VA	VOLT AMPERE
FCU	FAN COIL UNIT	VAC	VOLT ALTERNATING CURRENT
FD	FIRE DAMPER	VAV	VARIABLE AIR VOLUME
FDM	FLOW DISPLAY MODULE	VFD	VARIABLE FREQUENCY DRIVE
FM	FLOW METER	VD	VOLUME DAMPER
FPB	FAN POWERED BOX	WAP	WIRELESS ACCESS POINT
FSD	FIRE SMOKE DAMPER	WPD	WATER PRESSURE DIFFERENTIAL
GND	GROUND	WSHP	WATER SOURCE HEAT PUMP
GPM	GALLONS PER MINUTE	WUH	WALL UNIT HEATER
H	HOT	X	TRANSFORMED
HAC	HEATED AIR CURTAIN	XMFR	TRANSFORMER
HOA	HAND OFF AUTO	WMS	WIRE MESH SCREEN
HP	HORSEPOWER		
HR	HEATING RELAY		
L	LINE VOLTAGE		
LAT	LEAVING AIR TEMPERATURE		
LS	LIQUID SENSOR		
LWT	LEAVING WATER TEMPERATURE		
MD	MINIMUM OR MODULATING DAMPER		
MIN	MINIMUM		
MOD	MODULATING		
N	NEUTRAL		
NC	NORMALLY CLOSED		
NO	NORMALLY OPEN		
OA	OUTDOOR AIR		
OL	OVERLOAD		
OVR	OVERRIDE		

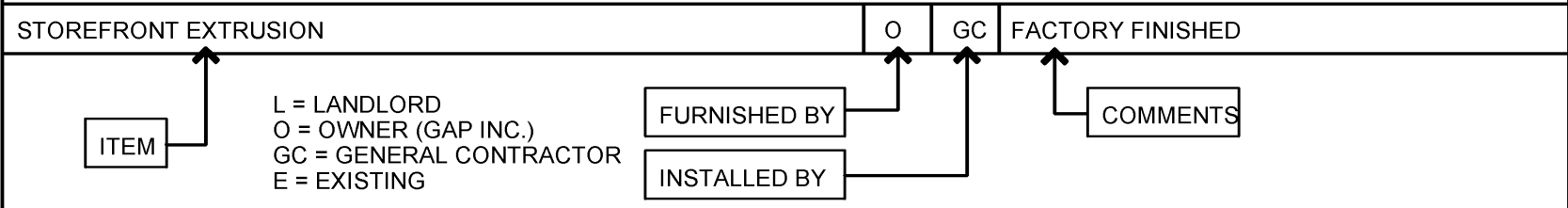
### HVAC GENERAL NOTES

1. THE ABBREVIATION G.C. WHEREVER IT APPEARS IN THESE MECHANICAL AND ELECTRICAL DRAWINGS SHALL REFER TO THE GENERAL CONTRACTOR.
2. ALL ROOF CUTTING, PATCHING AND FLASHING REQUIRED TO INSTALL THE HVAC SYSTEMS SHALL BE BY A LANDLORD APPROVED ROOFING CONTRACTOR. COORDINATE ROOF PENETRATION REQUIREMENTS WITH LANDLORD AND G.C. VERIFY SCOPE OF WORK WITH G.C. PRIOR TO BID AND INCLUDE ALL COSTS IN BID AS DIRECTED BY G.C.
3. THE CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT, PIPING AND DUCTWORK, NOT BEING USED OR SHOWN TO REMAIN, IS FULLY REMOVED AND NOT ABANDONED. VERIFY SCOPE OF WORK WITH G.C. PRIOR TO BID AND INCLUDE ALL COSTS IN BID AS DIRECTED BY G.C.
4. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR CONTROL SYSTEM CONDUIT AND POWER REQUIREMENTS. COORDINATE EXACT LOCATION WITH THE G.C. FOR ALL TEMPERATURE CONTROL COMPONENTS.

### DRAWING SCHEDULE

NUMBER	TITLE
M0-1	MECHANICAL NOTES AND LEGENDS
M1-0	MECHANICAL PLAN
M4-0	MECHANICAL SCHEDULES
M4-1	MECHANICAL LOAD CALCULATIONS
P1-0	PLUMBING PLANS AND SCHEDULES

### RESPONSIBILITY MATRIX LEGEND



### RESPONSIBILITY MATRIX

ITEM	FURNISHED BY	INSTALLED BY	COMMENTS
ROOFTOP UNITS AS SPECIFIED	E	E	EXISTING
HVAC CONTROLS PARTS	O	GC	
TEMPORARY THERMOSTAT	E	E	EXISTING
RTU DUCT MOUNTED SMOKE DETECTOR	E	E	EXISTING
FULL SIZE DUCT STUBS TO TENANT SPACE WITH FLEXIBLE CONNECTION BETWEEN ROOFTOP UNIT AND DUCT DROP	E	E	EXISTING

- REMARKS:
1. GENERAL CONTRACTOR TO COORDINATE SCHEDULE AND DELIVERY WITH VENDOR. STANDARD SHIPPING PROVIDED BY GAP INC. ANY EXPEDITED SHIPPING COSTS ARE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
  2. OWNER FURNISHED OR LANDLORD FURNISHED EQUIPMENT SHALL BE ORDERED THROUGH NATIONAL ACCOUNTS. SEE CONTACT INFORMATION BELOW.

- NOTE:
- A. THE RESPONSIBILITY MATRIX ONLY DELINEATES ITEMS SUPPLIED AND/OR INSTALLED BY OWNER AND/OR LANDLORD. ANY WORK SHOWN IN THE CONSTRUCTION DOCUMENTS NOT DEFINED AS RESPONSIBILITY OF OWNER OR LANDLORD IS FURNISHED AND INSTALLED BY THE CONTRACTOR. SEE BID CLARIFICATION LETTER FOR ANY VARIATION BY SCOPE OF WORK RESPONSIBILITY.
  - B. THE CONTRACTOR IS RESPONSIBLE FOR THE UNLOADING OF ANY OWNER SUPPLIED CONSTRUCTION ITEMS.
  - C. G.C. IS RESPONSIBLE FOR CHECKING ALL LANDLORD FURNISHED AND/OR INSTALLED ITEMS TO ENSURE THEY MATCH THE PLANS. G.C. SHALL SUBMIT AN RFI PRIOR TO COMMENCING WORK IF ANYTHING DOES NOT MATCH PLANS. IF G.C. DOES NOT NOTIFY GAP PRIOR TO COMMENCING WORK, G.C. WILL BE LIABLE FOR CORRECTING ALL DISCREPANCIES.

RESPONSIBILITY MATRIX BASED ON THE SIGNED LANDLORD ALIGNMENT CALL DATED 01/21/2021

REQUIRED SUBMITTALS							
TYPE OF EQUIPMENT / SYSTEMS	DESCRIPTION	Piping Diagrams: Sizes, Lengths, Accessories	Landlord Hydronic System Pre-Test: System flowrate, pressure, and temperatures at tenant tie-in	Landlord Air System Pre-Test: Equipment Entering and Leaving Air Temperatures, RPM, Total and External Static Pressure, Airflow, Duct Traverses	Ductwork: Sizes, Lengths, Fittings, Accessories	Control Diagrams: Point to Point Connections, Equipment, Sensors, Safety Components	Test and Balance Report: Refer to TAB Requirements by Equipment Type spreadsheet
LANDLORD EXISTING EQUIPMENT TO BE REUSED	RTU, VAV, AHU, WSHP, AHU, ACCU			X			
TAB REPORT	Test and Balance Report						X

TAB REQUIREMENTS BY EQUIPMENT TYPE			
TYPE OF EQUIPMENT	DESCRIPTION	COMPONENT	TAB REQUIREMENTS
RTU	Rooftop Unit	Equipment Data	Model / Serial Number
			Fan Motor Rated HP/Amp/SF
			High Speed Fan Motor Field Voltage/Phase
			High Speed Fan Motor Field Amps/Phase
			High Speed Fan RPM
			HSpd Fan External Static Pressure ( - /+ )
		Fan LOW Speed Reading (Multispeed Fan Ventilation Mode)	High Speed Fan 100% Econ Airflow CFM
			Supply Air CFM
			Econ Low Speed Fan Min CFM*
			Econ Dmpr Low Speed Fan Min-Pos(%)
			VFD Operating Hz
			DVent Max CFM*
		Fan HIGH Speed Reading 2nd Stage Cooling & Heating	DVentMaxEconPos (%)
			Supply Air CFM
			Econ Minimum Outside Air CFM*
			Econ-MinPos (%)
			VFD Operating Hz (multispeed)
			Cooling EAT/LAT
			Heating EAT/LAT
			* See Ventilation Requirements Table for more information
EF or F	Exhaust Fan or Fan (any type)	Equipment Data	Model / Serial Number
			Motor Field Amps/Phase
		Airflow	Fan RPM
			CFM
Diffusers		Airflow at each Diffuser with referenced Mechanical drawing(s)	External Static Pressure
			CFM

### NEW STORE



GAP INC.  
STORE DEVELOPMENT  
2 FOLSOM STREET  
SAN FRANCISCO, CA 94105

ORACLE ID:

140261

STORE NUMBER:

7341

STORE LOCATION:

STATION PARK  
230 NE PROMONTORY  
SPACE C-120  
FARMINGTON, UT 84025

DESIGN TYPE: DERBY B  
GENERATION: 21Q34  
PROTOTYPE DATE: 1/8/2021  
OPENING: 2021

ARCHITECT INFO:



ARCHITECT OF RECORD:

MARIAH MEYER  
8131 METCALF AVE  
SUITE 300  
OVERLAND PARK, KS 66204

www.brrarch.com

TEL: 913-262-9095  
FAX: 913-262-9044

CONSULTANT INFO:



8345 LENEXA DRIVE, SUITE 300  
LENEXA, KS 66214  
TEL 913.742.5000 FAX 913.742.5001

WWW.HENDERSONENGINEERS.COM

2050004241  
UT. CORPORATE NUMBER: 4977264-0143  
09/30/21

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ISSUE TYPE:

LL/PERMIT/BID: 02/19/21

REVISIONS:

DRAWN BY: HEI

A/E JOB NUMBER: 65011072

TITLE SHEET:  
MECHANICAL NOTES AND LEGENDS

SHEET NUMBER:

M0-1