

MECHANICAL ABBREVIATIONS

AHU	AIR HANDLING UNIT	N	NEUTRAL
AI	ANALOG INPUT	NC	NORMALLY CLOSED
AO	ANALOG OUTPUT	NO	NORMALLY OPEN
AUX	AUXILIARY	OA	OUTDOOR AIR
AWG	AMERICAN WIRE GAUGE	OL	OVERLOAD
		OVR	OVERRIDE
CD	CONTROL DAMPER	PC	PHOTOCELL
COM	COMMON	PT	PROGRAMMABLE THERMOSTAT
CU	CONDENSING UNIT		
CV	CONTROL VALVE		
		R	RELOCATE
		RA	RETURN AIR
D	DEMOLISH	RD	RETURN DIFFUSER
DC	DIRECT CURRENT	RES	RESISTOR
DI	DIGITAL INPUT	RG	RETURN GRILLE
DO	DIGITAL OUTPUT		
		RTU	ROOFTOP UNIT
E	EXISTING	RVR	REVERSING VALVE RELAY
EA	EXHAUST AIR		
EF	EXHAUST FAN	SD	SUPPLY DIFFUSER
EOL	END OF LINE	SEF	SMOKE EXHAUST FAN
		SMD	SMOKE DETECTOR
		SR	SUPPLY REGISTER
FACP	FIRE ALARM CONTROL PANEL		
FCU	FAN COIL UNIT	TC	TIME CLOCK
FD	FIRE DAMPER	TDM	TEMPERATURE DISPLAY MODULE
FDM	FLOW DISPLAY MODULE	TS	TEMPERATURE SENSOR
FM	FLOW METER		
FPB	FAN POWERED BOX	UH	UNIT HEATER
FSD	FIRE SMOKE DAMPER		
		V	VOLT
GND	GROUND	VA	VOLT AMPERE
		VAC	VOLT ALTERNATING CURRENT
H	HOT	VAV	VARIABLE AIR VOLUME
HAC	HEATED AIR CURTAIN	VD	VOLUME DAMPER
HOA	HAND OFF AUTO		
HR	HEATING RELAY	WAP	WIRELESS ACCESS POINT
		WSPH	WATER SOURCE HEAT PUMP
L	LINE VOLTAGE	WUH	WALL UNIT HEATER
LS	LIQUID SENSOR		
		X	TRANSFORMER
MD	MOTORIZED OR MODULATING DAMPER	XMFR	TRANSFORMER
MIN	MINIMUM		
MOD	MODULATING	WMS	WIRE MESH SCREEN

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.

STORE DESIGN IS BASED ON THE FOLLOWING BASE FILES;
 MEP SURVEY 05/02/2017
 HVAC REPLACEMENT DRAWINGS 01/16/2013

DRAWING SCHEDULE

NUMBER	TITLE
M0-1	MECHANICAL NOTES AND LEGENDS
M1-0	MECHANICAL PLAN
M4-0	MECHANICAL SCHEDULES
M4-1	MECHANICAL LOAD CALCULATIONS
M5-0	MECHANICAL DETAILS
M8-0	WIRING DIAGRAMS & SEQUENCE OF OPERATIONS
P1-0	PLUMBING PLANS, NOTES, AND LEGENDS
P1-1	PLUMBING PLANS, RISERS, AND SCHEDULES
P5-0	PLUMBING DETAILS
MPF13-0	MECHANICAL SPECIFICATIONS
MPF13-1	MECHANICAL SPECIFICATIONS
MPF13-2	MECHANICAL SPECIFICATIONS
F1-0	FIRE SPRINKLER PLAN

REMODEL STORE



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

REPS. I.D. 00000131847
 STORE NUMBER: 5724
 STORE LOCATION: BUCKHEAD STATION
 1 BUCKHEAD LOOP NE
 ATLANTA, GA 30326

DESIGN TYPE: P3
 GENERATION: 18012
 PROTOTYPE DATE: 08/31/17
 OPENING: 2018

CONSULTANT INFO:

M-Engineering
 750 Brookside Blvd.
 Westerville, Ohio 43081
 phone: 614.839.4639
 fax: 614.839.2222
 www.m-engineering.us.com

PROFESSIONAL STAMP:

ARCHITECT INFO:

 ARCHITECT OF RECORD:
 BOYD W. RAU
 6700 ANTIPOCH PLAZA
 SUITE 300
 NERRAM, KS 66204
 www.brrarch.com
 TEL: 913-262-9095
 FAX: 913-262-9944

ISSUE TYPE:
 BID/PERMIT 01/05/18

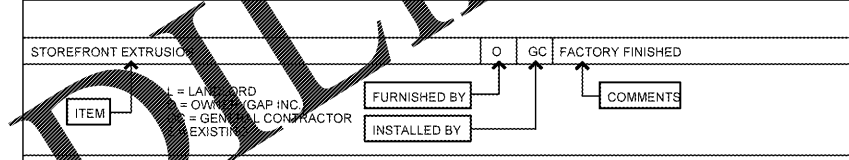
REVISIONS:

DRAWN BY:
 A/E JOB NUMBER: 65013029/1742070

TITLE SHEET:
 MECHANICAL NOTES AND LEGENDS

SHEET NUMBER:
M0-1

RESPONSIBILITY MATRIX LEGEND



RESPONSIBILITY MATRIX

ITEM	FURNISHED BY	INSTALLED BY	COMMENTS
SPLIT SYSTEM HP UNITS AS SPECIFIED	E	E	REFER TO RTU SELECTION SCHEDULE ON SHEET M4-0 FOR FACTORY AND FIELD INSTALLED ACCESSORIES
HVAC CONTROLS PARTS	E & O	GC	SEE M8-0 FOR DETAILS
AHU DUCT MOUNTED SMOKE DETECTOR	E	E	

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. FOR NATIONAL ACCOUNT PRICING FOR TRANE AND CARRIER EQUIPMENT PLEASE SEE CONTACT INFO BELOW:
 3. 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.

THE HVAC EQUIPMENT SHALL BE PURCHASED DIRECTLY FROM YORK ACCOUNTS. FOR PRICING/QUOTES CONTACT YORK NATIONAL ACCOUNTS @ 800-481-9738 OR EMAIL BE-YORKNAQUOTES@JCI.COM.

FOR TECHNICAL QUESTIONS PLEASE CONTACT YORK TECH SERVICES, LEROY BERRY @ 800-481-9738, OPTION #4. CG-YORKNA-PRODUCTSUPPORT@JCI.COM. DIRECT PHONE (405) 419-6210, MOBILE (972) 679-9879, Jason.J.Humes@jci.com

FOR ALL OTHER INQUIRIES; PLEASE CONTACT JASON HUMES, PRODUCT APPLICATION ENGINEER AT DIRECT PHONE (405) 419-6210, MOBILE (972) 679-9879, Jason.J.Humes@jci.com

FOR INFORMATION REGARDING PRICING, ORDERING AND DELIVERY INFORMATION ON THE CARRIER EQUIPMENT PACKAGE CONTACT BARANNIE ANICETE AT:
 (415) 535-2452 EMAIL: BANICETE@SIGLERS.COM

TAB REQUIREMENTS BY EQUIPMENT TYPE

TYPE OF EQUIPMENT	DESCRIPTION	COMPONENT	TAB REQUIREMENTS
AHU/ACCU	Split System or Mini-Split	Supply Air CFM	Supply Air CFM
		Minimum Outside Air CFM	Minimum Outside Air CFM
		100% Open Economizer Airflow CFM	100% Open Economizer Airflow CFM
		HP	HP
		RPM	RPM
		External Static Pressure (+/-)	External Static Pressure (+/-)
		Voltage/Phase	Voltage/Phase
		Amps	Amps
		Indoor Unit	Indoor Unit
		Fan High Speed Reading (multispeed fan)	Fan High Speed Reading (multispeed fan)
EDH	Electric duct heater	Heating Mode	LAT
		Electrical	Voltage/Phase
		Amps	Amps
Diffusers	Diffusers	Airflow at each Diffuser with referenced Mechanical drawing(s)	CFM
		Airflow	CFM
E or F	Exhaust Fan or Fan (any type)	Electrical	HP
		External Static Pressure (+/-)	External Static Pressure (+/-)
		RPM	RPM
			Voltage/Phase

REQUIRED SUBMITTALS

TYPE OF EQUIPMENT / SYSTEMS	DESCRIPTION	Piping Diagrams: Sizes, Lengths, Accessories	Landlord Hydraulic System Pre-Test: System flowrate, pressures, and temperatures at tenant tie-in	EXISTING 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	Lighting Panel: Provide submittal showing schedules, lighting zones, and behaviors, in accordance with Title 24. Contractor to provide a copy of the filed Title 24 compliance documentation and also document the calibrated foot candle settings indicating when the daylighting zone lights turn off and the subsequently turn back on.	Test and Balance Report: Refer to TAB Requirements by Equipment Type spreadsheet	MEASUREMENT OF EXISTING ROOF CURBS AND APPROVAL OF ADAPTOR CURB SUBMITTAL
AHU/ACCU	Split System or Mini-Split			X				X	
TAB REPORT	Test and Balance Report								

MECHANICAL SYMBOLS

	COMBINATION FIRE/SMOKE DAMPER		MOTORIZED DAMPER
	CONTROL DAMPER		P.O.C.: POINT OF CONNECTION
	DETAIL SYMBOL		SECTION SYMBOL
	DUCT MTD. SMOKE DETECTOR		TEMP. SENSOR -- MOUNT 48" AFF
	EQUIPMENT SYMBOL		THERMOSTAT -- MOUNT 48" AFF
	AIR CURTAIN FAN SPEED CONTROLLER MOUNT 48" AFF		CO2 SENSOR -- MOUNT 60" AFF
	DISCHARGE AIR TEMP. SENSOR -- MOUNT IN SUPPLY DUCT DROP.		VOLUME DAMPER
	FLEXIBLE DUCT CONNECTION		
	INTERNALLY LINED DUCT		
	EXISTING DUCT		

Order Plans