MECHANICAL ABBREVIATIONS

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

DRAWING SCHEDULE

NUMBER	TITLE
M0-1	MECHANICAL NOTES AND LEGENDS
MD1-0	MECHANICAL DEMOLITION PLAN
M1-0	MECHANICAL PLAN
M4-0	MECHANICAL SCHEDULES
M4-1	MECHANICAL LOAD CALCULATIONS
M5-0	MECHANICAL DETAILS
M8-0	CONTROLS SCHEMATIC
PD1-0	PLUMBING DEMOLITION PLAN
P1-0	PLUMBING PLAN
P1-1	ENLARGED PLUMBING PLAN, DETAILS AND RISER DIAGRAMS
MPF13-0	MECHANICAL SPECIFICATIONS
MPF13-1	MECHANICAL SPECIFICATIONS
MPF13-2	MECHANICAL SPECIFICATIONS
F1-0	FIRE SPRINKLER PLAN

STORE DESIGN BASED ON THE FOLLOWING SURVEY AND BASE PLANS: EEA MEP SURVEY 11/21/2016 AND BASE BUILDING PERMIT/CONSTRUCTION SET 09/13/2012

TAB REQUIREMENTS BY EQUIPMENT TYPE

TYPE OF EQUIPMENT	DESCRIPTION	COMPONENT	TAB REQUIREMENTS
RTU	Rooftop Unit	Entering Air Temp	EAT
		Gas Heater	LAT
		DX Cooling Coil	LAT
		Fan	Supply Air CFM
			Minimum Outside Air CFM
			100% Open Economizer Airflow CFM
			HP
			RPM
			External Static Pressure (+/-)
			Voltage/Phase
			Amps
Ductwork		At each branch and/or fitting	Duct Size
			Duct CFM
			Duct Velocity
Diffusers		Airflow at each Diffuser with referenced Mechanical drawing(s)	CFM
EF or F	Exhaust Fan or Fan (any type)	Airflow	CFM
		Electrical	HP
			External Static Pressure (+/-)
			RPM
			Voltage/Phase

REQUIRED SUBMITTALS

TYPE OF EQUIPMENT / SYSTEMS	DESCRIPTION	**Shop Drawings:** Sizes, Lengths, and Accessories	**Landlord Hydronic System Pre-Test:** System flowrate, pressure, and temperatures at each coil, chiller, and boiler	**Landlord System Pre-Test:** Equipment Entering and Leaving Air Temperatures, RPM and External Static Pressure, Airflow at 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
RTU	Rooftop Unit							
LANDLORD EXISTING EQUIPMENT TO BE REUSED	RTU, VAV, AHU, VAV-P, AHU			X				
DUCTWORK	Ductwork System							
TAB REPORT	Test and Balance Report							X

RESPONSIBILITY MATRIX LEGEND

STOREFRONT EXTRUSION | O | GC | FACTORY FINISHED

ITEM

L = LANDLORD
O = OWNER (GAP INC.)
GC = GENERAL CONTRACTOR
E = EXISTING

FURNISHED BY

INSTALLED BY

COMMENTS

RESPONSIBILITY MATRIX

ITEM	FURNISHED BY	INSTALLED BY	COMMENTS
ROOFTOP UNITS AS SPECIFIED	E	E	REFER TO RTU SELECTION SCHEDULE ON SHEET M4-0 FOR FACTORY AND FIELD INSTALLED ACCESSORIES
HVAC CONTROLS PARTS	O	GC	SEE M8-0 FOR DETAILS
FULL SIZE DUCT STUBS TO TENANT SPACE WITH FLEXIBLE CONNECTION BETWEEN ROOFTOP UNIT AND DUCT DROP	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:

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.

FOR INFORMATION REGARDING PRICING, ORDERING AND DELIVERY INFORMATION ON THE TRANE EQUIPMENT PACKAGE CONTACT NICOLE CROFFOOT AT:

(408) 481-3600 OFFICE
E-MAIL: NICOLE.CROFFOOT@TRANE.COM

FOR GENERAL ISSUES CONTACT GARY L. RICH
GAP'S NATIONAL ACCOUNT EXECUTIVE.

(408) 481-3620 OFFICE OR (415) 317-2822 MOBILE
E-MAIL: GLRICH@TRANE.COM

FOR INFORMATION REGARDING PRICING, ORDERING AND DELIVERY INFORMATION, OR FOR GENERAL ISSUES ON THE CARRIER EQUIPMENT PACKAGE CONTACT ANDREA TERAN AT:

(408) 677-5687
E-MAIL: ATERAN@SIGLERS.COM

Order Plans @ WWW.LDLine.com

NEW STORE

OLD NAVY

GAP INC.
CORPORATE ARCHITECTURE
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SAN FRANCISCO, CA 94105

STORE NUMBER: 4458
REPS. I.D.: 0000054156
STORE LOCATION: VINELAND
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SUITE 2151
ORLANDO, FLORIDA 32821

DESIGN TYPE: P3
GENERATION: 17Q12
PROTOTYPE DATE: 07/18/16
OPENING: 2017

CONSULTANT INFO:

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EEA Project No. 20169549

PROFESSIONAL STAMP:
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PERMIT/BID:	04/07/17

REVISIONS:

DRAWN BY: CCP
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TITLE SHEET:
MECHANICAL NOTES AND LEGEND

SHEET NUMBER:
M0-1