

M-305 SCALE: NTS

MECHANICAL MBD BMS SYSTEM ARCHITECTURE

CONTROL PANEL DIRECT DIGITAL CONTROLLER DIFFERENTIAL PRESSURE

CONTROL NOTES

ALL POWER, CONTROL & INTERLOCK WIRING TO BE IN CONDUIT.

ATC SHALL FURNISH & INSTALL 120V-TO-24V STEP-DOWN TRANSFORMERS IN CONTROL PANELS AS REQUIRED FOR CONTROL DEVICE POWER; COORDINATE 120V POWER WITH ELECTRICAL CONTRACTOR. ALL CONTROL DEVICES ARE 24-VOLT POWER UNLESS OTHERWISE NOTED.

BACNET IP

FROM LAST CONTROL DEVICE TO SWITCH FOR REDUNDANCY

COMMUNICATION WIRING HOMERUN

L1 (20 DUNNIGAN)

- 460-VOLT POWER WIRING BY ELECTRICAL CONTRACTOR (EC)
- 120-VOLT POWER WIRING BY EC 24-VOLT POWER WIRING BY MECHANICAL CONTRACTOR (MC)
- CONTROL OR INTERLOCK WIRING BY MC (18/4 AWG OR EQUIVALENT)
- BACNET IP COMMUNICATION WIRING BY MC (CAT6/ETHERNET OR EQUAL) BACNET MS/TP COMMUNICATION WIRING BY MC (CAT6/ETHERNET OR EQUAL) NEW EQUIPMENT/WIRING/DEVICES
- EXISTING EQUIPMENT/WIRING/DEVICES



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MANHATTAN BEER DISTRIBUTORS 20 DUNNIGAN DRIVE SUFFERN, NEW YORK

KEY PLAN

	REV	DESCRI	PTION	DATE
		ISSUED FOR DOB SUBMISSION		09/10/2021
	ISSUED FOR BID)	10/15/2021
	ISSUED FOR PROGRESS		OGRESS	01/18/2022
	DRAWN BY :			
	CHECKED BY :			
	APPROVED BY :			
	DATE :			
	SCALE :			
	DRAWING TITLE :			
	MECHANICAL CONTROLS SHEET #1			
				1
			DWG NUMBER :	
			M-30	15
OFESSIONAL JUDGEMENT,	1			

TO THE BEST KNOWLEDGE, BELIEF AND PRO THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.