

ELECTRICAL

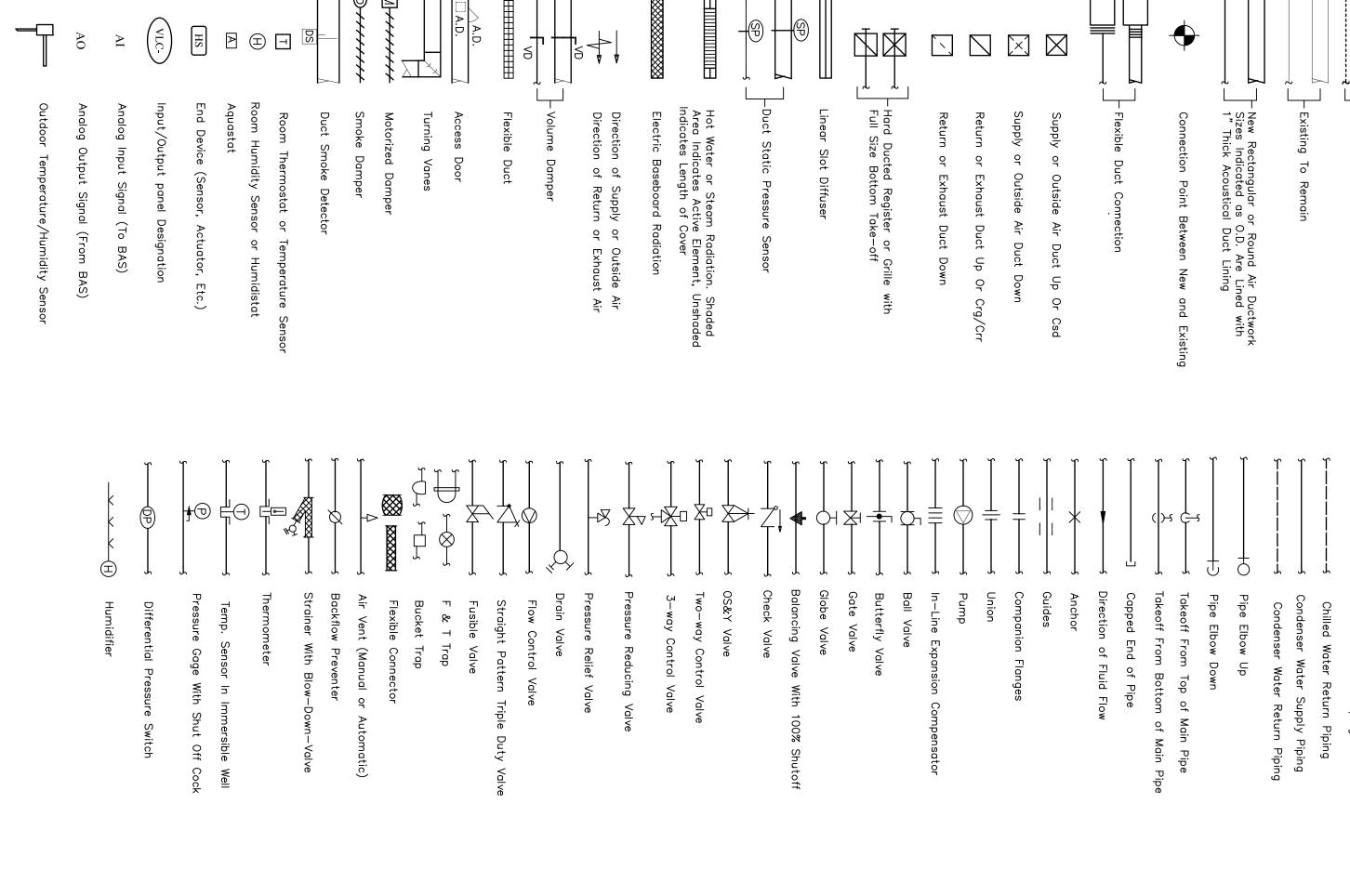
LEGEND

MECHANICAL

SYMBOL

TIST

<u>ABBREVIATION</u>



Frequency (Cycles per Seco

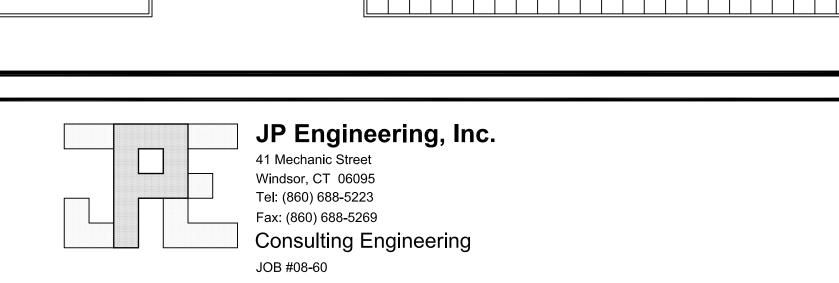
4. ALL WI	3. SIZES VOLTAG	2. ALL SI: CONDU	1. ALL CC ARE FC	WIRE SIZE	176-200	151-175	131-150	116-130	101-115	81-100	61-80	51-60	31-50	21-30	15-20	AMPACITY	WIRE
4. ALL WIRE SIZES UNLESS OTHERWISE NOTED.	SIZES STATED DO NOT ACCOUNT FOR VOLTAGE DROP.	ALL SIZES ARE BASED ON COPPER CONDUCTORS AT 75°C IN EMT.	1. ALL CONDUCTOR SIZES INDICATED ABOVE ARE FOR ALL PHASE LEGS AND NEUTRALS	SCHEDULE NOTES:	#3/0 AWG	#2/0 AWG	#1/0 AWG	#1 AWG	#2 AWG	#3 AWG	#4 AWG	#6 AWG	#8 AWG	#10 AWG	#12 AWG	CONDUCTOR	WIRE SIZE SCHEDULE
SS OTHERWI	T ACCOUNT	ON COPPE	S INDICATED)TES:	#4 AWG	#4 AWG	#6 AWG	#6 AWG	#6 AWG	#8 AWG	#8 AWG	#8 AWG	#8 AWG	#10 AWG	#12 AWG	GROUND	SCHED
SE NOTED.	FOR	λί	ABOVE IEUTRALS.		2"	2"	1-1/2"	1-1/2"	1-1/4"	1-1/4"	1-1/4"	_*	3/4"	3/4"	3/4"	CONDUIT	ULE
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7. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL, LABOR AND RESOURCES TO PROVIDE A COMPLETE BRO IFCT AS INTENDED HERE	6. ALL DEMOLISHED / WASTE MATERIAL IS TO BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND MUNICIPAL BUILDING CODES.	5. THIS PROJECT SCOPE INCLUDES MODIFICATIONS AND EXPANSION TO THE EXISTING BUILDING AUTOMATION SYSTEM TO FOUR EXISTING MUNICIPAL FACILITIES INCLUDING: - ADDITION OF SENSORS, I/O PANELS, CONTROLLERS, ETC. - ADDED SEQUENCE OF OPERATION. - INSTALLATION OF VFD AND CONTROLS. - NETWORKING BUILDINGS TO CENTRAL MONITORING STATION. - BUILDINGS IN SCOPE ARE: - POLICE DEPARTMENT - TOWN HALL - WELLES—TURNER LIBRARY - RIVERFRONT COMMUNITY CENTER	4. DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL INTENT OF THE WORK, NOT EXACT LOCATIONS. CEILING SPACE IS LIMITED AND ALL CONTRACTORS MUST COORDINATE EQUIPMENT LOCATIONS, PIPE/CONDUIT RUNS, ETC., BEFORE WORK BEGINS.	3. ITEMS AND SYSTEMS SERVING EXISTING AREAS SHALL BE MAINTAINED. CONTRACTOR SHALL COORDINATE ALL WORK ACTIVITIES WITH OWNER.	2. LOCATIONS OF ALL EXISTING EQUIPMENT AND PIPING SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION AND SITE VISITS. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING PIPING, DUCTWORK, AND EQUIPMENT IN THE FIELD AND ADJUST THE WORK AS NECESSARY BASED ON FIELD-MEASURED DIMENSIONS AT NO ADDITIONAL COST TO THE OWNER.	1. THIS JOB IS A RENOVATION. BEFORE SUBMITTING THEIR BIDS, CONTRACTORS SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS UNDER WHICH HIS WORK WILL BE PERFORMED. THIS CONTRACT INCLUDES ALL MODIFICATIONS OF THE EXISTING SYSTEMS REQUIRED. THIS CONTRACT INCLUDES ALL MODIFICATIONS REQUIRED TO INSTALL EXISTING AND/OR NEW EQUIPMENT IN EXISTING AND/OR NEW SPACES. COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES AND/OR OWNER. THIS CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS HE MAKES AS A RESULT OF HIS FAILURE TO BECOME FULLY FAMILIAR WITH THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS OF ALL TRADES.	GENERAL NOTES:

ME-1 GENERAL INFORMATION ME-2 CONTROLS UPGRADE SCHEMATICS
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SPECIFICATIONS

	WP	W	VFD	VA	THD
	WEATHER PROTECTED	WIRE	VARIABLE FREQUENCY DRIVE	VOLT AMPERE	TOTAL HARMONIC DISTORTION



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BAS UPGRADE - GL-2010-06 300 WELLES ST. GLASTONBURY, CT SCALE:
AS NOTED DATE: GENERAL INFORMATION CHECKED:

GLASTONBURY MUNICIPAL BUILDING

05-30-2009 WPA JD

APPLICABLE

D METHODS

FOR ELECTRICAL

D METHODS

DRIVES