

- GENERAL NOTES:**
- ALL CONDUITS ARE SHOWN DIAGRAMMATICALLY. EXACT RUNS SHALL BE DETERMINED IN FIELD EXCEPT WHERE SPECIFICALLY DIMENSIONED ON CONDUIT LAYOUTS. CONTRACTOR SHALL FOLLOW MINIMUM SPACING REQUIREMENTS TO REDUCE ELECTROMAGNETIC INTERFERENCE. COORDINATE CONDUIT ROUTING WITH ALL OTHER TRADES.
 - ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL TO BUILDING WALLS AND BEAMS EXCEPT WHERE OTHERWISE SHOWN. CONTRACTOR SHALL INSTALL CONDUIT IN SUCH A MANNER TO AVOID ALL INTERFERENCES.
 - DEFLECTION/EXPANSION FITTINGS SHALL BE PROVIDED WHERE RIGID METAL CONDUIT CROSSES STRUCTURAL EXPANSION JOINTS.
 - EXPOSED CONDUIT SHALL BE SUPPORTED ON WALLS OR CEILINGS BY APPROVED HANGERS OF ANGLE OR CHANNEL CONSTRUCTION. CONDUITS SHALL BE SUPPORTED AT LEAST EVERY EIGHT (8) FEET.
 - ALL SPARE CONDUITS SHALL BE TERMINATED AS SHOWN ON CONDUIT LAYOUTS AND SHALL BE CAPPED 3" ABOVE FINISHED FLOOR.
 - NO CONDUIT SHALL BE SMALLER THAN 3/4" UNLESS NOTED OTHERWISE ON PLANS.
 - EXACT CONDUIT STUB-UP LOCATIONS ARE TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR BASED ON CERTIFIED MANUFACTURER'S DRAWINGS OF THE RESPECTIVE EQUIPMENT. CONDUIT SHALL BE INSTALLED TO AGREE WITH EQUIPMENT FURNISHED.
 - ALL LIGHTING WIRING SHALL BE #12AWG. UNLESS OTHERWISE NOTED. THE NUMBER OF WIRES SHOWN ON THE DRAWINGS IS NOT NECESSARILY THE CORRECT NUMBER REQUIRED. THE CONTRACTOR SHALL INSTALL AS MANY AS ARE NECESSARY FOR PROVIDING A COMPLETE ELECTRICAL SYSTEM IN EACH CASE.
 - CONDUITS PASSING THROUGH BUILDING FLOORS OR WALLS BELOW GRADE ARE TO BE INSTALLED WITH WATERTIGHT THRU WALL CONDUIT SEAL FITTINGS.
 - EQUIPMENT FURNISHED BY OTHERS SHALL BE INSTALLED & ENERGIZED BY THE ELECTRICAL CONTRACTOR.
 - ONLY CONDUITS HAVING OUTSIDE DIAMETERS NO LARGER THAN ONE-THIRD OF THE THICKNESS OF SLAB MAY BE INSTALLED WITHIN THE CONCRETE SLABS.
 - CONDUITS IN STRUCTURAL SLABS ARE TO BE SPACED SO AS TO PROVIDE NO LESS THAN THREE CONDUIT DIAMETERS, CENTER TO CENTER, WHEREVER POSSIBLE. LARGER SPACING IS PREFERRED.
 - CONTINUOUS ROWS OF CONDUITS ARE NOT TO BE PLACED IMMEDIATELY ALONG BEARING ENDS OF SLABS.
 - THE ELECTRICAL CONTRACTOR SHALL NOT ENDANGER THE STABILITY OF THE STRUCTURE OR ANY PART THEREOF BY CUTTING, DRILLING OR OTHERWISE, AND SHALL NOT IN ANY WAY CUT OR ALTER THE WORK OF ANY OTHER CONTRACTOR, EXCEPT WITH THE WRITTEN CONSENT OF AND UNDER THE DIRECTION OF THE ARCHITECT AND/OR GENERAL CONTRACTOR.
 - THE ELECTRICAL CONTRACTOR SHALL SECURE ALL APPROVALS AND CERTIFICATES AND PAY ALL FEES FOR ALL THE WORK INSTALLED. CERTIFICATES SHALL BE DELIVERED TO THE GENERAL CONTRACTOR BEFORE FINAL PAYMENT WILL BE MADE.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST APPLICABLE VERSION OF THE NEC AS WELL AS ALL STATE AND LOCAL CODES.
 - THE DRAWINGS INDICATE AND THE SPECIFICATIONS DESCRIBE THE GENERAL ARRANGEMENTS AND LOCATION OF OUTLET BOXES, ETC. THE CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE OWNER, MAKE ALL REASONABLE MODIFICATIONS IN THE WORK AS MAY BE REQUIRED TO PREVENT CONFLICT WITH EXISTING CONDITIONS, THE WORK OF OTHER TRADES AND FOR THE PROPER INSTALLATION OF THE WORK.
 - VERIFY & COORDINATE CONDUIT ROUTING.
 - VERIFY & COORDINATE SCOPE OF DEMOLITION WORK.
 - VERIFY & COORDINATE SCOPE OF WORK INVOLVING CONNECTIONS TO EXISTING BASE BUILDING SYSTEMS.
 - VERIFY SCOPE OF WORK THAT HAS TO BE DONE WITH EXISTING FIRE ALARM SYSTEM AS REQUIRED TO ACCOMMODATE ALL ADDED DEVICES.
 - VERIFY WITH GENERAL CONTRACTOR SCOPE OF WORK ASSOCIATED WITH RIGGING OF EQUIPMENT TO BE PREPURCHASED.
 - COORDINATE WITH THE BUILDING ENGINEER AND GENERAL CONTRACTOR SHUT DOWNS OF EXISTING FACILITIES.
 - ARRANGE FOR SITE VISIT WITH THE BLDG. OWNER REPRESENTATIVE AND GENERAL CONTRACTOR.
 - CLAIMS FOR ADDITIONAL COMPENSATION ARISING DUE TO THE FAILURE OF THE CONTRACTOR TO FULLY UNDERSTAND THE SITE CONDITIONS SHALL NOT BE PAID FOR BY ANY OTHER PARTY.
 - CONNECTIONS TO EXISTING WORK:
 - INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES.
 - TEMPORARY SHUTDOWNS OF EXISTING SERVICES:
 - AT NO ADDITIONAL CHARGES.
 - AT TIMES NOT TO INTERFERE WITH NORMAL OPERATION OF EXISTING SERVICES.
 - ONLY WITH WRITTEN CONSENT OF THE GENERAL CONTRACTOR AND/OR BUILDING OWNERS REPRESENTATIVE.
 - ALARM AND EMERGENCY SYSTEMS: NOT TO BE INTERRUPTED.
 - MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES AS REQUIRED WITH NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK.
 - CONNECT NEW WORK TO EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL CONDITION, INCLUDING MAINTENANCE OF WIRING CONTINUITY AS REQUIRED.
 - PRIOR TO DEMOLITION OF AN EXISTING POWER PANEL, THE CONTRACTOR SHALL SEARCH OUT ALL EXISTING CIRCUITS FED FROM THE PANEL TO PREVENT ANY ACCIDENTAL SERVICE INTERRUPTIONS.
 - LEAVE WIRE SUFFICIENTLY LONG TO PERMIT MAKING FINAL CONNECTIONS. CONDUIT OVER 10 FEET IN WHICH WIRING IS NOT INSTALLED-FURNISH PULL STRING.

SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT SERVICING OR MAINTENANCE WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

ELECTRICAL DEMOLITION NOTES:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 EDITION OF THE

GENERAL NOTES:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 EDITION OF THE

ELECTRICAL DEMOLITION NOTES:

- COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
- DISCONNECT AND REMOVE ALL DEVICES, FIXTURES, FIRE ALARM DEVICES, DATA/TEL. OUTLETS, POWER CONNECTIONS TO HVAC EQUIPMENT AND DISCONNECT SWITCHES, CONDUIT & WIRING FROM ALL WALLS/CEILINGS BEING REMOVED, WITHIN THIS AREA BACK TO POWER PANEL OF ORIGIN. ALL EXISTING CIRCUIT BREAKERS SHALL REMAIN IN PLACE AND LABELED AS "SPARE".
- ALL EXISTING DEVICES SCHEDULED TO REMAIN SHALL BE EXTENDED/RE-CIRCUITED TO MAINTAIN CONTINUITY OF CIRCUIT/DEVICES.
- REMOVALS SHALL INCLUDE, BUT NOT BE LIMITED TO DEVICES, FIXTURES, FIRE ALARM DEVICES, DATA/TEL. OUTLETS, POWER CONNECTIONS TO HVAC EQUIPMENT AND DISCONNECT SWITCHES, CONDUIT & WIRING.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY TEMPORARY WORK AND/OR MATERIALS TO RENDER EXISTING SYSTEM OPERATIONAL DURING ALL PHASES OF CONSTRUCTION IN ALL OCCUPIED SPACES. INCLUDING BUT NOT LIMITED TO, POWER, DATA, LIGHTING, EMERGENCY COMPONENTS & ALARMS. COORDINATE WITH ALL TRADES, OWNER AND OVERALL CONSTRUCTION PHASING SCHEDULE.
- ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.
- THE PLANS ARE INTENDED TO CONVEY THE EXTENT AND SCOPE OF THE DEMOLITION WORK. EVERY ITEM INTENDED FOR REMOVAL MAY NOT BE SHOWN. THE CONTRACTOR IS ADVISED TO SURVEY THE PROJECT SITE BEFORE SUBMITTING A BID FOR DEMOLITION WORK.

FIRE ALARM NOTES:

- REFER TO THE FLOOR PLANS FOR LOCATION & QUANTITY OF FIRE ALARM DEVICES.
- ALL FIRE ALARM WIRING SHALL BE IN TEFLON WIRE AND SHALL BE CONCEALED IN CEILING SPACES & WALLS.
- SYSTEM SCHEMATIC IS A DIAGRAMMATIC REPRESENTATION OF THE FIRE ALARM SYSTEM. THE SYSTEM SHALL BE INSTALLED AND WIRED AS PER THE SYSTEM MANUFACTURER'S RECOMMENDATION FOR A COMPLETE AND OPERABLE SYSTEM.
- CONTRACTOR IS RESPONSIBLE FOR ALL FILING AND FINAL JURISDICTION. AS PER THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR TO PROVIDE AND INSTALL ALL NECESSARY MODULES, INTERFACE MODULES AND DEVICES REQUIRED TO PROVIDE AN OPERABLE ALARM SYSTEM IN COMPLIANCE WITH ALL CODES.
- FIRE ALARM PANEL SHALL PROVIDE CONTINUOUSLY SUPERVISED MONITORING OF ALL SYSTEMS FOR OPENS, SHORTS AND GROUNDS.
- ACTIVATION OF THE SMOKE DETECTORS SHALL CAUSE A GENERAL ALARM AFTER THE SMOKE DETECTOR PERFORMS VERIFICATION.
- ACTIVATION OF ANY PULL STATION OR HEAT DETECTOR SHALL IMMEDIATELY CAUSE THE ALARM PANEL TO ENTER THE ALARM MODE.
- UPON ENTERING THE PANEL ALARM MODE, THE ALARM INDICATING DEVICE SHALL BE ACTIVATED, AND THE SUPPLY FANS OVER 2,000 CFM SHALL SHUT-DOWN AND THE DIGITAL COMMUNICATOR SHALL NOTIFY THE CENTRAL RECEIVING STATION. (LOCAL FIRE CONTROL CENTER).
- CONTRACTOR SHALL PROVIDE ALL NECESSARY ADDITIONAL RELAY DEVICES OR POWER TRANSFORMERS FOR PROPER OPERATION OF THE FAN SHUT-DOWN UNITS AND OTHER RELATED DEVICES.
- BATTERY BACKUP SHALL PROVIDE A MINIMUM OF 24 HRS. OPERATION WITH A 15 MINUTE ALARM AT THE END OF 24 HRS.
- NEW FIRE ALARM SYSTEM SHALL BE TESTED IN ACCORDANCE WITH NFPA CODES 70, 70E, 72, BCNYS, FONYNS, AS WELL AS ALL LOCAL AND STATE CODE REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ALL ADDITIONAL APPURTENANCES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. MODEL NUMBERS GIVEN MAY NOT INCLUDE ALL SPECIFIC REQUIRED ACCESSORIES FOR COMPLETE INSTALLATION.
- PROVIDE APPURTENANCES NECESSARY SUCH THAT IF MORE THEN TWO STROBES ARE VISIBLE THEY SHALL FLASH IN SYNCH.
- ENTIRE FIRE DETECTION AND ALARM SYSTEM SHALL BE FURNISHED AND INSTALLED BY A N.Y. STATE LICENSED ALARM CONTRACTOR.
- FIRE ALARM PANEL SHALL BE PROVIDED WITH A REMOTE DIALER WITH (2) DIRECT CONNECTIONS TO THE LOCAL FIRE CONTROL CENTER.
- FIRE ALARM CONTRACTOR SHALL PROVIDE AND INSTALL A KNOX BOX AT THE ENTRANCE TO THE BUILDING NEAREST THE FIRE ALARM PANEL WITH SIGNAGE ON THE DOOR TO THE FIRE ALARM CONTROL PANEL ROOM. COORDINATE ALL REQUIREMENTS WITH LOCAL FIRE AND BUILDING DEPARTMENT OFFICIALS.
- FIRE ALARM CONTRACTOR SHALL INTERCONNECT CO DETECTORS WITH THE NEW FIRE ALARM SYSTEM FOR PRIMARY POWER AND BATTERY BACKUP. CO ALARM SHALL ANNUNCIATE AS A SUPERVISORY CONDITION.
- ALL AIR HANDLING SYSTEMS RATED 2,000 CFM OR MORE SHALL BE PROVIDED WITH DUCT SMOKE DETECTORS FAN SHUTDOWNS CONNECTED TO THE FIRE ALARM SYSTEM.

POWER SYMBOLS

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| | SPEC GRADE NEMA 5-20R RECEPTACLE.
-GFI INDICATES GROUND FAULT INTERRUPTION
-WP INDICATES WEATHER PROOF ENCLOSURE |
| | SPEC GRADE NEMA 5-20R RECEPTACLE. MOUNT AT 44" AFF OR 6" ABOVE COUNTER, UON.
-GFI INDICATES GROUND FAULT INTERRUPTION
-WP INDICATES WEATHER PROOF ENCLOSURE |
| | 2P, 3 WIRE, 250V GROUNDING NEMA 6-30R RECEPTACLE.
-GFI INDICATES GROUND FAULT INTERRUPTION
-WP INDICATES WEATHER PROOF ENCLOSURE |
| | 1P, 3 WIRE, 125V QUAD RECEPTACLE.
-GFI INDICATES GROUND FAULT INTERRUPTION
-WP INDICATES WEATHER PROOF ENCLOSURE |
| | 3P, 4 WIRE, 208V GROUNDING NEMA 18-20R RECEPTACLE.
-GFI INDICATES GROUND FAULT INTERRUPTION
-WP INDICATES WEATHER PROOF ENCLOSURE |
| | SPECIAL PURPOSE CONNECTION. |
| | JUNCTION BOX, SIZE PER N.E.C. |
| | 3P, NON-FUSED DISCONNECT SWITCH, FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SHALL HAVE THE SAME # OF POLES AS CONNECTING CIRCUIT UNLESS OTHERWISE NOTED. |
| | 3P, FUSED DISCONNECT SWITCH, FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SHALL HAVE THE SAME # OF POLES AS CONNECTING CIRCUIT UNLESS OTHERWISE NOTED. |
| | PULL BOX |
| | 480Y/277V, 3ø, 4W PANEL BOARD (SEE SCHEDULE) |
| | 208Y/120V, 3ø, 4W PANEL BOARD (SEE SCHEDULE) |
| | CONDUIT HOME RUN TO DESIGNATED PANEL. REFER TO PANEL SCHEDULE FOR CONDUIT & CABLE QUANTITY AND SIZE. |
| | DOUBLE HOME RUN |
| | TRIPLE HOME RUN |
| | GROUND |
| | TRANSFORMER |
| | 120V, OR 208V, 1P, MOTOR STARTER WITH OVERLOADS TO SERVE AS DISCONNECTING MEANS. COORDINATE WITH OTHER TRADES. |
| | KEY PAD |
| | TRANSFORMER (SIZE SHOWN ON PLAN OR ONE-LINE DIAGRAM) |
| | CIRCUIT BREAKER - 100A TRIP - SINGLE POLE |
| | FUSE SWITCH - 100A FUSE - 3 POLE |
| | MOTOR |
| | ELECTRIC METER |
| | DOORBELL BUTTON |
| | DOORBELL CHIME |
| | CLOCK HANGER RECEPTACLE |

LIGHTING SYMBOLS

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| | CEILING MOUNTED OCCUPANCY SENSOR |
| | EXIT LIGHT (SEE SCHEDULE) |
| | 1P, 20A, TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, KEYED TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, 3-WAY TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, 3-WAY TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, DIMMER SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, TOGGLE SWITCH WITH PILOT LIGHT, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, TOGGLE SWITCH WITH BUILT-IN LIGHT, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | 1P, 20A, TOGGLE SWITCH WITH BUILT-IN VACANCY SENSOR, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF. |
| | SAME AS ABOVE EXCEPT WIRED FOR DUAL LIGHTING. SWITCH NEAREST TO DOOR SHALL OPERATE OUTER LAMPS. SECOND SWITCH SHALL OPERATE INNER LAMP(S). |
| | EMERGENCY WALL PACK FIXTURE (SEE SCHEDULE) |
| | EMERGENCY WALL PACK FIXTURE WITH EXIT SIGN (SEE SCHEDULE) |
| | REMOTE HEAD SUITABLE FOR OUTDOOR USE, COLOR BY ARCHITECT (SEE SCHEDULE) |
| | FLOODLIGHT |
| | LIGHTING RELAY |

ABBREVIATIONS

A	AMPERE	JB	JUNCTION BOX
ACT	ACOUSTIC CEILING TILE	KCMIL	THOUSAND CIRCULAR MILS
AD	AUTOMATIC DAMPER	KV	KILO VOLT
AF	AMPERE FRAME	KVA	KILO VOLT AMP
AFF	ABOVE FINISHED FLOOR	KW	KILO WATT
AIC	AMPERE INTERRUPTING CAPACITY	LED	LIGHT-EMITTING DIODE
AL	ALUMINUM	LP	LIGHTING PANEL
ATS	AUTOMATIC TRANSFER SWITCH	LTG	LIGHTING
AUTO	AUTOMATIC	M.C.	MECHANICAL CONTRACTOR
AWG	AMERICAN WIRE GAUGE	MCB	MAIN CIRCUIT BREAKER
BCW	BARE COPPER WIRE	MECH	MECHANICAL
C	CONDUIT	MDP	MAIN DISTRIBUTION PANEL
CAT	CATALOG	MLO	MAIN LUGS ONLY
CB	CIRCUIT BREAKER	MTD	MOUNTED
CKT	CIRCUIT	MTG	MOUNTING
CLG	CEILING	MTS	MANUAL TRANSFER SWITCH
CT	CURRENT TRANSFORMER	N	NEUTRAL
CU	COPPER	NIC	NOT IN CONTRACT
DP	DISTRIBUTION PANEL	NEC	NATIONAL ELECTRIC CODE
DF	DRINKING FOUNTAIN	NTS	NOT TO SCALE
DIV	DIVISION	NM	NON-METALLIC CONDUIT
DS	DISCONNECT (LOCKOUT) SWITCH	NP	POLE
DWG	DRAWING	P	PULL BOX
EA	EACH	ø	PHASE
E.C.	ELECTRICAL CONTRACTOR	PWR	POWER
ELEC.	ELECTRICAL	RECEPT.	RECEPTACLE
ELEV	ELEVATOR	REQ.	REQUIRED
E.P.O.	EMERGENCY POWER OFF	RGS	RIGID GALVANIZED STEEL
EQUIP.	EQUIPMENT	RM	ROOM
EMT	ELECTRICAL METALLIC TUBING	SCHED.	SCHEDULE
FA	FIRE ALARM	SECT.	SECTION
FAP	FIRE ALARM PANEL	SPEC.	SPECIFICATION
FL	FLOOR	SPKR.	SPEAKER
FLEX	FLEXIBLE	SV	SOLENOID VALVE
FT	FEET OR FOOT	SW	SWITCH
FLUOR.	FLUORESCENT	SWBD	SWITCH BOARD
F.W.E.	FURNISHED WITH EQUIPMENT	SYS	SYSTEM
G, GND	GROUND	TEL	TELEPHONE
GEN.	GENERATOR	TC	TIME CLOCK
GFI	GROUND FAULT INTERRUPTER	TYP	TYPICAL
G.C.	GENERAL CONTRACTOR	U.N.O.	UNLESS NOTED OTHERWISE
HH	HAND HOLE	UPS	UN-INTERRUPTABLE POWER SUPPLY
HP	HORSEPOWER	VFC	VARIABLE FREQUENCY CONTROLLER
HS	HAND SWITCH	VIF	VERIFY IN FIELD
HVAC	HEATING, VENTILATING & AIR CONDITIONING	VSD	VARIABLE SPEED DRIVE
HZ	HERTZ	WP	WEATHER PROOF
IC	INTERRUPTING CAPACITY	W	WATT
IG, I	ISOLATED GROUND	XFMR	TRANSFORMER
IMC	INTERMEDIATE METAL CONDUIT		

ELECTRICAL LINE TYPES

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| | EXISTING TO BE REMOVED |
| | EXISTING TO REMAIN |
| | NEW DEVICE |
| | NEW WIRING |
| | NEW FIXTURE |

COMMUNICATION SYMBOLS

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| | TELEPHONE OUTLET. PROVIDE & INSTALL CAT 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING IN 3/4" CONDUIT. MOUNT OUTLET 18" AFF UNLESS OTHERWISE NOTED. |
| | COMBINATION TELEPHONE/DATA OUTLET. PROVIDE & INSTALL (2) CAT. 6 CABLES FROM OUTLET LOCATION TO ABOVE CEILING EACH IN 3/4" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED. |
| | TELEPHONE WALL OUTLET. PROVIDE & INSTALL CAT 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING IN 3/4" CONDUIT. MOUNT OUTLET 48" AFF UNLESS OTHERWISE NOTED. |
| | DATA OUTLET. PROVIDE & INSTALL CAT. 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING EACH IN 3/4" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED. |
| | TV OUTLET. PROVIDE & INSTALL PULL STRING FROM OUTLET LOCATION TO ABOVE CEILING EACH IN 3/4" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED. |

GENERAL SYMBOLS

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| | POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK |
| | POINT OF DISCONNECT |
| | INDICATES SECTION LETTER |
| | INDICATES DRAWING NUMBER WHERE LOCATED |

FIRE ALARM SYMBOLS

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| | FIRE ALARM PULL STATION |
| | SMOKE DETECTOR. A=UXILIARY CONTACTS. STROBE ONLY ADA COMPLIANT |
| | FIRE ALARM HORN W/STROBE ADA COMPLIANT |
| | HEAT DETECTOR |
| | DUCT SMOKE DETECTOR. COORDINATE SIZE OF SAMPLING TUBE WITH DUCTWORK. PROVIDE RELAYS AS REQUIRED. |
| | CARBON MONOXIDE DETECTOR |

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3/8" 1/4" 1/2" 0 1" 2"

REFERENCE SCALE

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NOTES:

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SEAL
ERIC D. FELLENER, P.E.
NY PROFESSIONAL ENGINEER
NO. 07004-1
ISSUED 1998 EXP. 03/05

PEEKSKILL FIREHOUSE KITCHEN INCUBATOR

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Peekskill, New York 10566
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City of Peekskill - Westchester County

DRAFT CONSTRUCTION DOCUMENT - NOT FOR PERMIT OR CONSTRUCTION

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