

GENERAL SYMBOLS	
	KEY NOTE INDICATOR
	DRAWING REVISION INDICATOR
	CONNECT TO EXISTING

LINE TYPES	
	NEW WORK SCOPE OF WORK
	EXISTING SCOPE OF WORK
	DEMOLITION SCOPE OF WORK
	FUTURE SCOPE OF WORK
	UNDERGROUND ELECTRIC SECONDARY FEEDER

-NEW BRANCH CIRCUIT W/ #12 AWG THHN WIRES
-SLASH LINES INDICATES WIRES IN CIRCUIT
-SHORT LINES DEPICTS PHASE CONDUCTOR
-LONG LINE DEPICTS NEUTRAL CONDUCTOR
-LONG LINE W/ DOT DEPICTS GROUND

CONDUIT AND WIRING	
	BRANCH CIRCUIT RUN CONCEALED
	BRANCH CIRCUIT RUN UNDER FLOOR
	BRANCH CIRCUIT DOWN
	BRANCH CIRCUIT UP
	HOME RUN TO PANEL 2A CKTS 1,3, & 5

ELECTRICAL DEVICES (MOUNTING HEIGHT TO CENTER LINE OF BOX UNLESS NOTED OTHERWISE)	
	SINGLE-POLE, 3-WAY AND 4-WAY SWITCHES (48" AFF)
	LOCAL WALL DIMMER SWITCH (48" AFF)
	PUSH-BUTTON SWITCH (48" AFF)
	FAN SWITCH (48" AFF)
	WALL MOUNTED OCCUPANCY SENSOR SWITCH; DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)
	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR; DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)
	ROOM CONTROLLER (REFER TO PLANS)
	TIMECLOCK (REFER TO PLANS)
	DUPLEX RECEPTACLE (18" AFF)
	DOUBLE DUPLEX RECEPTACLE (18" AFF)
	DUPLEX RECEPTACLE - FLOOR BOX
	SIMPLEX RECEPTACLE (18" AFF)
	DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER OR BACKSPASH
	GFCI DUPLEX RECEPTACLE
	GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE WEATHERPROOF COVER
	SPECIAL RECEPTACLE (18" AFF) - TYPE AS NOTED
	PLUG MOLD/WIRE MOLD RACEWAY
	PUSH BUTTON

FIRE ALARM SYMBOLS	
	MANUAL PULL STATION (46" AFF)
	BELL-STROBE LIGHT COMBINATION (80" AFF)
	STROBE LIGHT (80" AFF)
	HORN (80" AFF)
	HORN-STROBE LIGHT COMBINATION (80" AFF)
	SPEAKER-STROBE (80" AFF)
	PROGRAM BELL (80" AFF)
	SMOKE DETECTOR - CEILING MOUNTED
	SMOKE ALARM - CEILING MOUNTED
	DUCT DETECTOR
	TAMPER SWITCH
	FLOW SWITCH
	MAGNETIC DOOR HOLDER (72" AFF)
	FIRE ALARM CONTROL PANEL
	RECESSED FIRE ALARM CONTROL PANEL

ELECTRICAL LIGHTING FIXTURE SYMBOLS	
	2X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X2 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X2 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	1X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	1X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	4' STRIP FIXTURE - TYPE AS SPECIFIED
	4' STRIP LIFE SAFETY BRANCH FIXTURE - TYPE AS SPECIFIED
	1X4 FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED
	1X4 LIFE SAFETY BRANCH FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED
	1X4 FIXTURE - WALL MOUNTED - TYPE AS SPECIFIED
	1X4 LIFE SAFETY BRANCH FIXTURE - WALL MOUNTED - TYPE AS SPECIFIED
	LIGHTING FIXTURE - RECESSED OR SURFACE MOUNTED - TYPE AS SPECIFIED
	LIFE SAFETY BRANCH LIGHTING FIXTURE - RECESSED OR SURFACE - TYPE AS SPECIFIED
	LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED
	LIFE SAFETY BRANCH LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED
	WALL MOUNTED - TYPE AS SPECIFIED
	LIFE SAFETY BRANCH WALL FLUSH MOUNTED - TYPE AS SPECIFIED
	SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED
	COMBINATION EXIT SIGN & SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED
	EXIT SIGN - CEILING MOUNTED - TYPE AS SPECIFIED
	EXIT SIGN - WALL MOUNTED - TYPE AS SPECIFIED

POWER DISTRIBUTION	
	PANELBOARD
	TRANSFORMER
	MOTOR CONNECTION - NUMERAL INDICATES HP
	DISCONNECT SWITCH - FUSED - AMPS/FUSE/POLE/NEMA
	DISCONNECT SWITCH - NON-FUSED - AMPS/POLES/NEMA
	DISCONNECT SWITCH - MOTOR/STARTERS COMBINATION
	VARIABLE FREQUENCY DRIVE
	CONTROL PANEL
	JUNCTION BOX OR PULL BOX
	WALL MOUNTED JUNCTION BOX OR PULL BOX

COMMUNICATION DEVICES (MOUNTING HEIGHT TO CENTER LINE OF BOX UNLESS NOTED OTHERWISE)	
	DATA OUTLET (18" AFF); DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING WITH 1" C AND PULL STRING TO ACCESSIBLE CEILING; PROVIDE NYLON BUSHING ON END OF CONDUIT FOR PROTECTION OF WIRE; PROVIDE 6 PORTS, CAT5A, RJ45
	ABOVE COUNTER DATA OUTLET (6" ABOVE COUNTER OR BACKSPASH); DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING WITH 1" C AND PULL STRING TO ACCESSIBLE CEILING; PROVIDE NYLON BUSHING ON END OF CONDUIT FOR PROTECTION OF WIRE; PROVIDE 6 PORTS, CAT5A, RJ45
	DATA OUTLET - CEILING MOUNTED; DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING WITH 1" C AND PULL STRING TO ACCESSIBLE CEILING; PROVIDE NYLON BUSHING ON END OF CONDUIT FOR PROTECTION OF WIRE; PROVIDE 6 PORTS, CAT5A, RJ45
	CABLE TV OUTLET WITH 1 CATV JACK (18" AFF); PROVIDE 1" C WITH PULL STRING TO ACCESSIBLE CEILING; PROVIDE INSULATED NYLON BUSHING ON END OF CONDUIT FOR PROTECTION OF WIRE
	12" COMMUNICATION CABLE TRAY MOUNTED ABOVE SUSPENDED CEILING
	RECESSED PUBLIC ADDRESS SPEAKER; PROVIDED WITH Baffle, Grill and Matching Transformer
	RECESSED PUBLIC ADDRESS SPEAKER; PROVIDED WITH Baffle, Grill and Matching Transformer
	CARD READER; FLUSH MOUNTED AT 42" AFF; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	DOOR CONTACT; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	ELECTRIC DOOR (HINGE) STRIKE; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	KEY PAD; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	REQUEST TO EXIT (INFRARED); PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	DELAYED EGRESS; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	ELECTROMAGNETIC LOCK; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	KEY SWITCH; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	PUSH BUTTON/PUSH PLATE; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO DOOR CONTROLLER
	INTRUSION DETECTION MOTION DETECTOR; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO ACCESSIBLE CEILING; WP = WEATHERPROOF
	CCTV CAMERA - FIXED; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO ACCESSIBLE CEILING; WP = WEATHERPROOF
	CCTV CAMERA - 360° PTZ; PROVIDE DOUBLE GANG BACK BOX WITH SINGLE GANG PLASTER RING; 3/4" CONDUIT WITH PULL STRING TO ACCESSIBLE CEILING; WP = WEATHERPROOF

NURSE CALL DEVICES	
	NURSE STATION (46" AFF)
	CODE BLUE STATION (46" AFF)
	BED NURSE CALL (46" AFF)
	TOILET NURSE CALL (46" AFF)
	SHOWER NURSE CALL (WEATHER PROOF) (46" AFF)
	DOCTOR DICTATION (46" AFF)
	DOCTOR PAGE (46" AFF)
	PILLOW SPEAKER/CONTROL
	NURSE CALL DUTY STATION (46" AFF)
	NURSE CALL MASTER
	NURSE CALL DOME LIGHT (CEILING)
	NURSE CALL DOME ZONE LIGHT (CEILING)

ELECTRICAL ABBREVIATIONS			
A	AMP	M	MANUAL MOTOR STARTER
AA	AUTOMATIC ALTERNATOR	MCA	MILLIAMPERES
AC	ALTERNATING CURRENT	MCC	METAL CLAD CABLE
ACU	AIR CONDITIONER UNIT	MCP	MOTOR CONTROL CENTER
AF	AMPERAGE FRAME	MCP	MOTOR CIRCUIT PROTECTOR
AF	ABOVE FINISHED FLOOR	MEZZ	MEZZANINE
ANN	ANNUNCIATOR	MF ()	MAIN FEEDER () ID
AS	AMMETER SWITCH	MS	MOTOR OR STARTER
AT	AMPERE TRIP	MTD	MOUNTED
AX	AUXILIARY DELAY	MTR	MURKIN TIMING RELAY
BKR	BREAKER	MUAU	MAKE UP AIR UNIT
CB	CIRCUIT BREAKER	MX	MOTOR AUXILIARY RELAYS
COL	COLUMN	(N)	NEW
CL	CENTERLINE	NAC	NOTIFICATION APPLIANCE
CNT	CIRCUIT	NC	NOT CONTACT
CP (OR L)	CLOSE ON FALLING (PRESSURE OR LEVEL)	NP	NAMEPLATE
CRP (OR L)	CLOSE ON RISING (PRESSURE OR LEVEL)	NF	NON FUSED
CH	COMPARTMENT	NFS	NON FUSED SAFETY SWITCH
CH	CONVECTION HEATER	NCT	NURSE CALL TERMINAL CABINET
COND	CONDUIT	NOL	NUMBER
CO	CONTROL	OHD	OVERHEAD OPEN
CR ()	CONTRACT () ID	(JOL)	OVERLOAD () NUMBER OF POLES
IP	TRANSFORMER	(P)	PRESSURE
IP	CONTROL RELAY () ID	(PH)	PHASE
IP	CURRENT TO CURRENT TRANSFORMER	(PH)	PHASE
CT	TRANSFORMER	PLC	PROGRAMMABLE LOGIC CONTROLLER
D	EXISTING TO BE DEMOLISHED	PRE	POWER ROOF EXHAUSTER
DC	DIRECT CURRENT	PT	POTENTIAL TRANSFORMER
DF	DUST FILTER	PTC	PACKAGE TERMINAL ARRESTOR
DIA	DIAMETER	PTR	PNEUMATIC TIMING RELAY
DISTR	DISTRIBUTION	POLY	POLYVINYL CHLORIDE
DS	DISCONNECT SWITCH	PVC	RIGID CONDUIT
DPDT	DOUBLE POLE, DOUBLE THROW	PVC-RSC	PVC COATED RIGID STEEL CONDUIT
E	EXISTING TO REMAIN	PWV	POWER WALL VENTILATOR
EBB	ELECTRIC BASED BOARD	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR	R	RELOCATED
EDH	ELECTRIC DUCT HEATER	RAC	RIGID ALUMINUM RECEPTACLE
EMT	ELECTRIC METALLIC TUBING	REQ	REQUIRED
ER	EXISTING TO BE REMOVED AND RELOCATED	RMS	ROOT MEAN SQUARE
ETM	ELAPSED TIME METER	RSC	RIGID STEEL CONDUIT
EWH	ELECTRIC WATER HEATER	RTU	REMOTE TERMINAL UNIT
EWC	ELECTRIC WATER COOLER	SAF	SUPPLY AIR FAN
F	FLOW	SAF	SHIELDED TWISTED PAIR STOP LOCKOUT
FDR	FEEDER	SMT	SMART MOTOR CONTROLLER
FLA	FULL LOAD AMPS	SMC	SMART MOTOR CONTROLLER
FMC	FLEXIBLE METALLIC CONDUIT	SPD	SURGE PROTECTIVE DEVICE
FOS	FAST-ON SLOW	SPT	SINGLE POLE DOUBLE THROW
F-S	FAST-SLOW	SS	SELECTOR SWITCH
FE	FEET	S/S	START/STOP
F-F	FORWARD REVERSE	S/S	START/STOP LOCKOUT
FR	FRAME	SV	SOLENOID VALVE
FUSB	FUSED SAFETY SWITCH	SYM	SYMMETRICAL
FVNR	FULL VOLTAGE NON-REVERSING	T	THERMOSTAT
G	GROUND	T-1	TELEPHONE CONDUIT ()
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TCC	TIME-CLOSE CONTACT
GPM	GALLONS PER MINUTE	TEMP	TEMPERATURE
GND	GROUND	TRC	TEMPERATURE CONTRACTOR TIME-OPEN CONTACT
GRV	GRAVITY RELIEF VENT	TR	TIMING RELAY
GUH	GAS UNIT HEATER	TRP	TRIP
HDA	HAND-OFF-AUTOMATIC	TS	TEMPERATURE SWITCH
HP	HORSEPOWER	TSP	TWISTED SHIELDED PAIR TYPICAL
HV	HOUSE VACUUM	UF	UNDERGROUND FEEDER UNIT HEATER
HZ	HERTZ	UH	UNDERGROUND FEEDER UNIT HEATER
ID	IDENTIFICATION NUMBER	VA	VOLT - AMPERE
IC	INFRARED HEATER	VAC	VOLTS ALTERNATING CURRENT
IF	INTERMEDIATE METAL CONDUIT	VDC	VOLTS DIRECT CURRENT
IMC	INTERMEDIATE METAL CONDUIT IN LINE FAN	VFD	VARIABLE FREQUENCY DRIVE
INF	INPUT/OUTPUT	VT	VOLTMETER SWITCH
IO	INPUT/OUTPUT INTERCHANGEABLE TRIP OR INSTANTANEOUS TRIP	W	WATT
IT	INTERCHANGEABLE TRIP OR INSTANTANEOUS TRIP	WH	WATER HEATER
JB	JUNCTION BOX	WP	WEATHERPROOF
kmil	THOUSAND CIRCULAR MILS		
KUH	KILOVOLT AMPERE		
KVA	KILOVOLT AMPERE		
KV	KILOVOLT		
KVAR	KILOVOLT AMPERES REACTIVE		
KW	KILOWATT		
L	LEVEL		
LC	LOUVER CONTROLLER		
LFMC	LIQUID-TIGHT FLEXIBLE METAL CONDUIT		
LM	LOUVER MOTOR		
LP ()	LIGHTING CIRCUIT ()		
LP ()	LIGHTING PANELBOARD		
LS	LIMIT SWITCH		
LV	LOUVER		

GENERAL PROJECT NOTES	
1.	THIS IS A COMPLETE LIST OF ELECTRICAL SYMBOLS AND ABBREVIATIONS FOR REFERENCE ONLY. SYMBOLS SHOWN ON THIS DRAWING MAY NOT APPEAR ON THE FOLLOWING DRAWINGS.
2.	THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS ON EXISTING UTILITIES WITH OWNER REPRESENTATIVES IN ORDER TO MINIMIZE IMPACT TO OTHER AREAS.
3.	PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. IF CONFLICTS EXIST BETWEEN THESE ENGINEERING DOCUMENTS AND CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
4.	ALL CONSTRUCTION WORK SHALL ALSO MEET THE FOLLOWING CODE REQUIREMENTS: - NFPA 70-2018, NATIONAL ELECTRICAL CODE - NFPA 70-2017, NATIONAL ELECTRICAL CODE - NFPA 72-2016, NATIONAL FIRE ALARM CODE
5.	ALL WIRING SHALL BE IN CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM CONDUIT SIZE SHALL BE #12 AWG. ALL NEW CIRCUITS SHALL BE PROVIDED WITH AN INDIVIDUAL NEUTRAL AND GROUNDING CONDUCTOR WITH THE PHASE CONDUCTOR.
6.	THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. BEFORE STARTING THE WORK THE CONTRACTOR SHALL REVIEW ALL OTHER DISCIPLINE DRAWINGS AND VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS WITHOUT EXTRA COST TO THE VA. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
7.	ALL DEVICES, EQUIPMENT MATERIAL AND LABOR SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
8.	ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE MOUNTED AS PER EQUIPMENT AND DEVICE MANUFACTURER RECOMMENDATIONS.
9.	CONTRACTOR SHALL PROVIDE SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL OF ALL ELECTRICAL EQUIPMENT AND DEVICES DESCRIBED IN THE SUBMITTAL REGISTER. SUBMITTALS SHALL INCLUDE CUT SHEETS, DIMENSIONS, WIRING DIAGRAMS, ACCESSORIES, OPERATION MANUALS, AND ALL NECESSARY INFORMATION FOR REVIEWER TO MAKE A SOUND EVALUATION.
10.	PROVIDE STARTUP OF ALL ELECTRICAL SYSTEMS AND COORDINATE WITH ARCHITECT/ENGINEER FOR OWNER STARTUP WITNESSING.
11.	PROVIDED LAMINATED PLASTIC NAMEPLATES FOR EACH EQUIPMENT ENCLOSURE. EACH NAMEPLATE IDENTIFY EQUIPMENT FUNCTION, PANEL NUMBER CONNECTED AND CIRCUIT NUMBER. NAMEPLATE SHALL BE MELAMINE PLASTIC (0.125 INCHES THICK), WHITE LETTERS ON BLACK BACKGROUND. MINIMUM SIZE OF LETTERS SHALL BE 2.5 INCHES. IN ADDITION TO EQUIPMENT TAGGING, CONTRACTOR SHALL PROVIDE ARCH FLASH WARNING SIGNS FOR PANELBOARDS.
12.	PROVIDE CONTRACTOR PRINTED ON WHITE WARMED/ROUND PAPER WITH CLEAR PLASTIC PROTECTION TAPE FOR ALL WIRE MARKERS. MARKER SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER ON ALL WIRES IN JUNCTION/POUL BOXES AND IN EQUIPMENT TERMINAL BOXES.
13.	PROVIDE PUNCHED TAPE LABELS ON ALL WIRING DEVICES FOR IDENTIFICATION. SHALL BE 1/2" BLACK TAPE WITH WHITE RAISED LETTERS. TAPE LABELS SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER.
14.	PROVIDE DIRECTORIES ON ALL PANELBOARDS. BALANCE ALL LOADS ON PANELBOARD.
15.	CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF RECORD DRAWINGS TO THE VA AT THE END OF THE CONSTRUCTION.
16.	ALL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL BE NEW AND FREE OF DEFECTS. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS AND SHALL BE US LABELED. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
17.	ALL CONNECTORS AND SPLICES FOR CABLE SIZE #10 AWG AND SMALLER SHALL BE INSULATED. PRESSURE TYPE FOR LARGER SIZE CONDUCTORS USE BOLTED CLAMPS WITH INSULATING TAPE.
18.	COORDINATE WITH OTHER TRADES TO PREVENT INTERFERENCE WITH HVAC DUCTS, STRUCTURE, PLUMBING, AND OTHER PIPING IN THE CEILING SPACE. COORDINATE ALL CONDUIT/WIRING ROUTING WITH ALL OTHER TRADES.
19.	WHERE JOB CONDITIONS REQUIRE CHANGE FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE VA. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
20.	CLOSE OUT DOCUMENTS: THE CONTRACTOR IS TO MAINTAIN ONE SET OF CONSTRUCTION DRAWINGS ON SITE AND KEEP CURRENT WITH MARK UP AS-BUILT CONDITIONS DURING CONSTRUCTION OF THE PROJECT. THIS SET IS TO INCLUDE ALL CONTRACT CHANGES, MODIFICATIONS AND CLARIFICATIONS. THIS SET ALONG WITH ALL SHOP DRAWINGS SHALL BE TURNED OVER TO THE ARCHITECT/ENGINEER AFTER CONSTRUCTION COMPLETION.
21.	PENETRATIONS FOR PIPES, CONDUITS OR OTHER PURPOSES THROUGH ASSEMBLIES (FLOORS, ROOF, WALLS, PARTITIONS, ETC.) WITH A REQUIRED FIRE RESISTANCE RATING SHALL BE SEALED TO THE PENETRATING MEMBER IN AN APPROVED MANNER WHICH MAINTAINS THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLY.

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