


ABBREVIATIONS		SYMBOLS - REWIRING AND DEMOLITION		SYMBOLS - GENERAL		SYMBOLS - TELEPHONE AND DATA SYSTEM		LIGHTING FIXTURE SCHEDULE				
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	CLG.	WALL	DESCRIPTION	WALL	DESCRIPTION	TYPE	DESCRIPTION	LAMPS	
ADO	AUTOMATIC DOOR OPENER	PB	PULL BOX		S _R	EXISTING SWITCH	▶	TELEPHONE OUTLET (PAY STATION), MTD. 4'-0" (1220 MM) A.F.F.	A	WALL MOUNTED, FULL CUTOFF, LED FIXTURE. CAST ALUMINUM HOUSING WITH BRONZE FINISH; TEMPERED GLASS LENS; 26 WATT, ELECTRONIC DRIVER, UNIVERSAL VOLTAGE 120-277; INTEGRAL PHOTOCELL.	2800 LUMEN LED 5000K	
AF	AMPERE FRAME	PBPU	PREFABRICATED BEDSIDE PATIENT POWER UNIT	○ _E	○ _E	OUTLET AND INCANDESCENT FIXTURE IN PLACE	#▶	COMBINATION TELEPHONE/DATA OUTLET, MTD. 18" (460 MM) A.F.F. UNLESS OTHERWISE NOTED. # INDICATES QUANTITY OF EACH SYSTEMS JACK PRESENT AND WIRED.		METALUX KTOR34-PC1; LITHONIA #350V LED 300-700-60K-T3M-VOLT-PE02B0D; DAYBRITE #PV16-9882-PC0C0L		
AFF	ABOVE FINISHED FLOOR	PNL	PANEL	○ _{ER}	○ _{ER}	OUTLET IN PLACE - RELOCATE EXISTING FIXTURE	S	SINGLE POLE SWITCH WITH SUFFIX A,B,C. ETC. INDICATES CONTROL OF FIXTURE(S) WITH SAME DESIGNATION(S).	B	4' LED LENSED STRIPLIGHT; STEEL CHANNEL WITH PAINTED WHITE ENAMEL FINISH; OPAQUE LENS; INTEGRAL 14 WATT EMERGENCY BATTERY; 22 WATT, 0-10V DIMMING DRIVER, UNIVERSAL VOLTAGE 120-277.	2800 LUMEN LED 4000K	
AT	AMPERE TRIP	POD	POWER OPERATED DAMPER	(N)	→(N)	OUTLET IN PLACE - NEW INCANDESCENT FIXTURE	S ₂	DOUBLE POLE SWITCH		METALUX #45NLEDL-D4-26SL-4N-4M-EL14V4-B40-CD1; LITHONIA #EL2N44-44-3000L0AM0D5AMVOLT-40K40CR-BSL722-WH; DAYBRITE #L4-HR3040U02TEVLED		
ATS	AUTOMATIC TRANSFER SWITCH	PTRV	POWER TYPE ROOF VENTILATION	(B)	→(B)	OUTLET IN PLACE - REMOVE INCANDESCENT FIXTURE AND INSTALL BLANK COVER	S ₃	THREE-WAY SWITCH				
BC	BARE COPPER	PWR	POWER	(R)	→(R)	EXISTING INCANDESCENT FIXTURE RELOCATED W/NEW OUTLET	S ₄	FOUR-WAY SWITCH				
BRIP	BOILER PLANT INSTRUMENTATION PANEL	RGIP	RECEPTACLE REMOTE GROUND INDICATOR PANEL		→(C) _B	EXISTING PAN - REMOVE FAN AND BLANK OUTLET	S _D	DIMMER SWITCH - WITH SILICON CONTROLLED RECTIFIER.				
C	CONDUIT	SIG	SIGNAL		V		S _T	TIME SWITCH.				
C/B	CIRCUIT BREAKER	SS	SAFETY SWITCH		W	EXISTING FLUORESCENT FIXTURE	S _R	ROCKER TYPE SWITCH.				
CKT	CIRCUIT	STA	STATION		W/		S _{LV}	LOW VOLTAGE SWITCH WITH SUFFIX a,b,c ETC. INDICATES CONTROL OF FIXTURE(S) WITH SAME DESIGNATION(S).				
CKT BKR	CLOSED CIRCUIT T.V. CEILING	TEL	TELEPHONE		WP.			NOTE: MOUNTING HEIGHT FOR THE FOLLOWING SWITCHES SHALL BE 4'-6" (1400 MM) AFF UNLESS OTHERWISE NOTED.				
CLG	CEILING	TELEVISION			WT			KEY OPERATED SWITCH.				
DB	DIRECT BURIAL	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR		XFMR			LOCK TYPE SWITCH.				
EC	EMPTY CONDUIT	UH	UNIT HEATER					MANUAL MOTOR STARTING SWITCH				
EG	EQUIPMENT GROUND	V	VOLTAGE					MOMENTARY CONTACT SWITCH.				
EX	EXISTING	VFD	VARIABLE FREQUENCY DRIVE					MOTOR SNAP SWITCH (THERMAL TYPE) WITH PILOT LIGHT.				
EJ	EXPANSION JOINT	VP	VAPOR PROOF					PUSH BUTTON STATION.				
EXP. XP	EXPLOSION PROOF	W	WIRE					SWITCH WITH PILOT LIGHT.				
EMERG	EMERGENCY	W/	WITH					WEATHERPROOF SWITCH.				
ELEC	ELECTRIC	WP.	WEATHER PROOF					MOTION DETECTOR SWITCH. - WALL MOUNTED - INFRARED				
EWC	ELECTRIC WATER COOLER	WPU	WEATHER PROOF IN USE					OCCUPANCY SENSOR - DUAL TECHNOLOGY				
ESM	ELECTRIC STRIP MOLD	WT	WATER TIGHT					OCCUPANCY SENSOR POWER SUPPLY				
FA	FIRE ALARM	XFMR	TRANSFORMER					NOTE: ALSO SEE VA CONSTRUCTION STANDARD CD-28.				
FAFAP	FIRE ALARM CONTROL PANEL											
FI	FILM ILLUMINATOR											
FCU	FAN COIL UNIT											
FIXT	FIXTURE											
FLUOR	FLUORECENT											
FSS	FUSED SAFETY SWITCH											
FLAME	FLAME SAFEGUARD CONTROL PANEL											
ESSCP	GROUND											
G, GND	GENERATOR											
GEN	GROUND TERMINAL BOX											
GTB	GROUND FAULT INTERRUPTER											
GFI	HAND OFF AUTOMATIC											
HOA	HANDHOLE											
HH	HORSE POWER											
HP	HIGH VOLTAGE											
INCAND	INCANDESCENT											
JB	JUNCTION BOX											
LTCF	LOCAL TEMPERATURE CONTROL PANEL											
LTS	LIGHTS											
LTG	LIGHTING											
LV	LOW VOLTAGE											
MATV	MASTER ANTENNA TELEVISION											
MCB	MAIN CIRCUIT BREAKER											
MCC	MOTOR CONTROL CENTER											
MDP	MAIN DISTRIBUTION PANEL											
MLO	MAIN LUGS ONLY											
MH	MANHOLE											
MTD	MOUNTED											
MTG HGT	MOUNTING HEIGHT											
NFSS	NON-FUSED SAFETY SWITCH											
P	POLE											
SYMBOLS - SINGLE LINE		SYMBOLS - RECEPTACLES		SYMBOLS - GENERAL		SYMBOLS - NURSE CALL SYSTEM		SYMBOLS - MISCELLANEOUS COMMUNICATIONS SYSTEMS				
DESCRIPTION	CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION
BATTERY	①	①	COMBINATION SWITCH & DUPLEX RECEPTACLE (4'-6" (1400 MM) AFF UNLESS OTHERWISE NOTED).	③	③	JUNCTION BOX, MTD 1'-6" (450 MM) A.F.F. UNLESS NOTED OTHERWISE	NCS	NURSE'S CALL MASTER STATION MTD ON NURSE'S COUNTER TOP UNLESS OTHERWISE NOTED.	▶	REMOTE DICTATING OUTLET MTD 1'-6" (460 MM) A.F.F. UNLESS OTHERWISE NOTED.		
HIGH VOLTAGE OIL CIRCUIT BREAKER			DROP CORD, SINGLE CONVENIENCE OUTLET, 3-WIRE, GROUNDING TYPE, 20A, W/#12 CONDUCTORS IN FLEXIBLE CORD (CENTER LINE OF OUTLET: 6'-6" (2000 MM) AFF-MINIMUM).	③	③	MOTOR NUMBER DENOTES HORSEPOWER	NTI	NURSE'S CALL TERMINAL CABINET	R _M	3-POLE TWIST-LOCK RECEPTACLE FOR MICROPHONE, MTD. 4'-6" (1400 MM) A.F.F.		
HIGH VOLTAGE DRAWOUT AIR CIRCUIT BREAKER			ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" (610 MM) CENTERS OR AS DESIGNATED ON DRAWINGS), MTD 3'-6" (1100 MM) AFF OR AS INDICATED.	③	③	GENERATOR	N _E	NURSE'S CALL STATION - MTD 6'-0" (1830 MM) AFF FOR SHOWER LOCATION MTD 4'-6" (1400 MM) AFF FOR TUB LOCATION MTD 3'-0" (915 MM) AFF FOR TOILET LOCATION.	□	INTERCOM STATION (REFER TO SPECS. FOR FUNCTIONAL OPERATION OF INSTRUMENT & TYPE REQUIRED)		
SWITCH AND FUSE UNIT			FLOOR OUTLET.	PB	PB	PULL BOX	N _S	NURSE'S CALL AUDIO VISUAL WALL STATION (STAFF) MTD 5'-0" (1530 MM) AFF UNLESS OTHERWISE NOTED.	—IC—	INTERCOM CONDUIT RUN. MINIMUM 3/4" (20 MM) CONDUIT		
MOLDED CASE CIRCUIT BREAKER			SINGLE RECEPTACLE - 20A, MTD 18" (460 MM) AFF UNLESS OTHERWISE NOTED.			LIGHTING OR LIGHTING/POWER PANELBOARD	N _D	NURSE'S CALL DUTY STATION. MTD 5'-0" (1530 MM) AFF UNLESS NOTED OTHERWISE.	□ _S	INTERCOM STAFF STATION.		
LOW VOLTAGE DRAWOUT AIR CIRCUIT BREAKER			DUPLEX RECEPTACLE (HOSPITAL GRADE) - 20A, MTD. 18" (460 MM) AFF. SUBSCRIPT "GI" INDICATES GROUND FAULT TYPE. "N" INDICATES NOT HOSPITAL GRADE; "SI" INDICATES (15A) SAFETY TYPE; AND "I" INDICATES ISOLATED GROUND (IF USED).	⊗	⊗	DISTRIBUTION OR POWER PANELBOARD	N _I	NURSE'S CALL AUXILIARY INTERSECTIONAL DOME LIGHT.	⊗	SPEAKER		
FUSED DRAWOUT POTENTIAL TRANSFORMER			DUPLEX RECEPTACLE SWITCHED 18" (460 MM) AFF UNLESS OTHERWISE NOTED.	⊗	⊗	CONTROLLER, MAGNETIC	N _D	NURSE'S CALL CORRIDOR DOME LIGHT.		NOTE: ALSO SEE VA CONSTRUCTION STANDARD CD-28.		
AMMETER			3-GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, SIGNAL & RECEPTACLE.	⊗	⊗	COMBINATION CONTROLLER AND DISCONNECT SWITCH		NURSE'S CALL CONDUIT RUN, MINIMUM 3/4" (20 MM) CONDUIT.				
VOLTMETER			DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT - 20A, MTD 18" (460 MM) AFF WITH 1/4" (6.5 MM) "EMERGENCY" ENGRAVED LETTERS FILLED WITH RED ENAMEL. SUBSCRIPT "P" INDICATES RECEPTACLE WITH INTERNAL NEON LIGHT.			FUSED DISCONNECT SWITCH - SWITCH SIZE/POLES/FUSE SIZE		SECURITY TYPE PANIC BUTTON. MTD 4'-6" (1400 MM) AFF				
WATTMETER			120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R.			UNFUSED DISCONNECT SWITCH - SWITCH SIZE/POLES/NF (NON-FUSED)						
KEYED INTERLOCK			208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R.			VARIABLE FREQUENCY DRIVE						
INSTANTANEOUS OVERCURRENT OR RATE-OF-RISE RELAY			120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA L5-30R			KEYPAD						
AC-TIME OVERCURRENT RELAY			208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R									
AC-DIRECTIONAL OVERCURRENT RELAY			208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R.									
LOCKING OUT RELAY			208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30R									
LIGHTNING ARRESTOR			208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30R									
GROUND CONNECTION			208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R.									
POTHEAD			NOTE: ALSO SEE VA CONSTRUCTION STANDARD CD-28.									
STRESS CONE			GROUND JACK									
PUSH-BUTTON STATION			DOUBLE DUPLEX RECEPTACLE (HOSPITAL GRADE) - 20A, MTD. 18" (460 MM) AFF. SUBSCRIPT "GI" INDICATES GROUND FAULT TYPE. "N" INDICATES NOT HOSPITAL GRADE; "SI" INDICATES (15A) SAFETY TYPE; AND "I" INDICATES ISOLATED GROUND (IF USED).									
CURRENT TRANSFORMER			MOUNT DEVICES 6" ABOVE COUNTERTOP BACKSPLASH									
SYMBOLS - TELEVISION SYSTEM		SYMBOLS - LIGHTING		SYMBOLS - GENERAL		SYMBOLS - GENERAL		SYMBOLS - GENERAL				
CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION	CLG.	WALL	DESCRIPTION	
		4 11/16" (120 MM) MASTER ANTENNA OUTLET BOX W/BLANK COVER FOR TV INSTALLATION, MTD. 18" (460 MM) A.F.F. UNLESS OTHERWISE NOTED.			FLUORESCENT FIXTURE ON NORMAL POWER--LETTER DESIGNATES TYPE.			BRANCH CIRCUIT CONCEALED IN FLOOR.			BRANCH CIRCUIT CONCEALED IN CEILING OR WALL.	
		OUTLET FOR TV CAMERA (CCTV SYSTEM), MTD 18" (460 MM) A.F.F.			FLUORESCENT FIXTURE ON EMERGENCY POWER (CRITICAL BRANCH)--LETTER DESIGNATES TYPE.			HOME RUN TO PANEL - ARROWHEADS INDICATE CIRCUITS. WIRE INDICATED ARE GREEN (GROUND), NEUTRAL AND THREE HOT LEGS (A DIFFERENT PHASE FOR EACH CIRCUIT) MAXIMUM THREE CIRCUITS PER CONDUIT.				
		OUTLET FOR TV MONITOR (CCTV SYSTEM)			FLUORESCENT FIXTURE ON EMERGENCY POWER (LIFE SAFETY BRANCH)--LETTER DESIGNATES TYPE.			NEUTRAL				
		TV CONDUIT RUN, MINIMUM 3/4" (20 MM) CONDUIT			LED EXIT SIGN--DARKENED AREA INDICATES FACE LIGHTING WITH DIRECTIONAL ARROWS.			GROUND				
		CCTV CONDUIT RUN, MINIMUM 1" (25 MM) CONDUIT										

CONSTRUCTION SET

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		CONSULTANTS:		ARCHITECT/ ENGINEERS	Drawing Title: SYMBOLS & ABBREVIATIONS		Project Title: UPGRADE EMERGENCY POWER TASK ORDER NO. VA257-15-R-0634		Project Number 671A4-15-123 Building Numbers 11, 90, 96		Office of Construction and Facilities Management
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