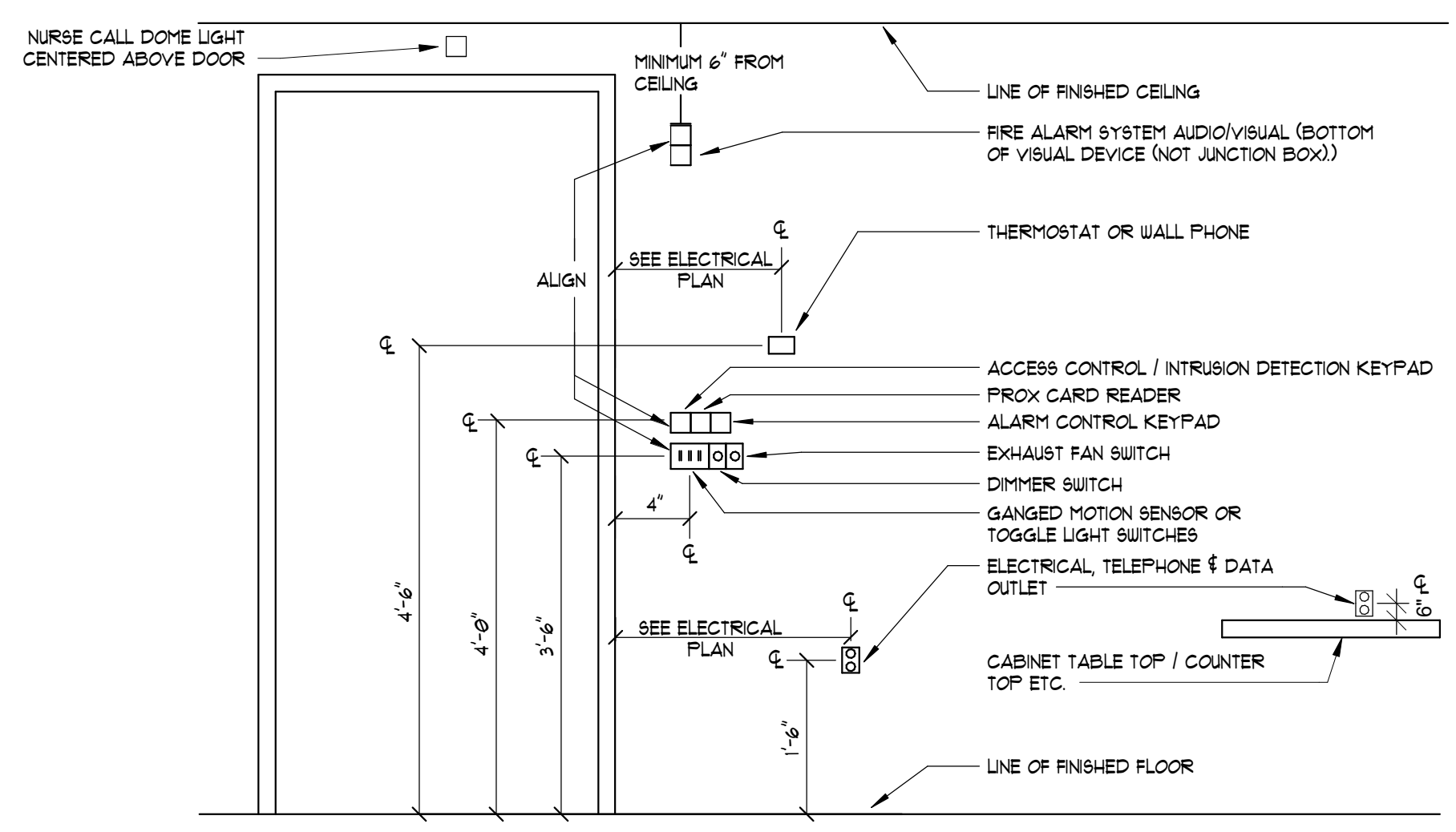


ABBREVIATIONS	
SYMBOL	DESCRIPTION
AC	ABOVE COUNTER
AF / AFG	ABOVE FINISHED FLOOR / ABOVE FINISHED GRADE
BFG	BELOW FINISHED GRADE
(E) / (R) / (D)	EXISTING / RELOCATED / DEMOLISH
EM	EMERGENCY
EPO	EMERGENCY POWER-OFF
NL	NIGHT LIGHT
SCP	SECURITY CONTROL PANEL
UNO	UNLESS NOTED OTHERWISE
WP	WEATHER PROOF
XFR	TRANSFORMER

SPECIAL DEVICES LEGEND	
SYMBOL	DESCRIPTION
	NURSE CALL PULL CORD / PATIENT STATION
	CODE BLUE / EMERGENCY CALL STATION
	DUTY / STAFF STATION
	NURSE CALL DOME LIGHT - WALL MOUNTED / CEILING MOUNTED
	NURSE STATION
	NURSE MASTER CONSOLE
	INTERCOM
	SPEAKER - WALL MOUNTED / CEILING MOUNTED
	HAND DRYER
	GARAGE DOOR MOTOR



1 TYPICAL ELECTRICAL DEVICE MOUNTING DETAIL  
NOT TO SCALE

LIGHTING CONTROLS LEGEND	
SYMBOL	DESCRIPTION
	STANDARD / 3-WAY / 4-WAY / LOW VOLTAGE SWITCH
	STANDARD / 3-WAY / LOW VOLTAGE 0-10V DIMMING SWITCH
	TIMER / MOMENTARY CONTACT SWITCH
	VERRIDE SWITCH
	DUAL TECH OCCUPANCY SENSOR / 0-10V DIMMING OCCUPANCY SENSOR / DUAL RELAY OCCUPANCY SENSOR / DUAL TECH VACANCY SENSOR - WALL MOUNTED. COLOR TO MATCH STANDARD OUTLETS
	DUAL TECH OCCUPANCY SENSOR / DUAL TECH VACANCY SENSOR - CEILING MOUNTED. PROVIDE ACCESSORIES AS REQUIRED.
	DAYLIGHT SENSOR
	POWER PACK FOR OCCUPANCY SENSOR - TYPE AS REQUIRED
	ROOM CONTROLLER FOR OCCUPANCY SENSOR / DAYLIGHT SENSOR - TYPE AS REQUIRED (PROVIDE WITH 0-10V DIMMING RELAYS - SEE FLOOR PLANS FOR QTY.)
	GENERATOR TRANSFER DEVICE
	LIGHTING CONTROL STATION

FIRE ALARM/MASS NOTIFICATION LEGEND	
SYMBOL	DESCRIPTION
	MANUAL PULL STATION
	FIRE ALARM/MASS NOTIFICATION VISUAL NOTIFICATION ONLY - WALL MOUNTED / CEILING MOUNTED.
	FIRE ALARM HORN NOTIFICATION ONLY - WALL MOUNTED / CEILING MOUNTED
	FIRE ALARM/MASS NOTIFICATION SPEAKER NOTIFICATION ONLY - WALL MOUNTED / CEILING MOUNTED. W INDICATES SPEAKER WATTAGE
	FIRE ALARM HORN & VISUAL NOTIFICATION - WALL MOUNTED / CEILING MOUNTED. W INDICATES WATTAGE
	FIRE ALARM/MASS NOTIFICATION SPEAKER & VISUAL NOTIFICATION - WALL MOUNTED / CEILING MOUNTED. W INDICATES WATTAGE, W INDICATES SPEAKER WATTAGE
	SMOKE DETECTOR - CEILING MOUNTED. Y INDICATES TYPE OF SMOKE DETECTOR. AS - AIR SAMPLING, Y - IONIZATION, P - PHOTOELECTRIC, RB - RELAY BASE, SB - SOUNDER BASE
	SMOKE DETECTOR - DUCT MOUNTED (QUANTITY AS REQUIRED BY NFPA)
	SMOKE ALARM - CEILING MOUNTED
	COMBINATION SMOKE/HEAT DETECTOR - CEILING MOUNTED
	HEAT DETECTOR - CEILING MOUNTED. Y INDICATES TYPE OF HEAT DETECTOR. F - FIXED, RC - RATE COMPENSATION, R - RATE OF RISE, R/F - RATE OF RISE/FIXED, T - THERMAL
	HEAT DETECTOR - LINE TYPE
	FLAME DETECTOR - CEILING MOUNTED. Y INDICATES TYPE OF FLAME DETECTOR. Y - INFRARED, U - ULTRAVIOLET, UV - ULTRAVIOLET/INFRARED, VR - VISIBLE RADIATION
	GAS DETECTOR. Y INDICATES TYPE OF FLAME DETECTOR. CO - CARBON MONOXIDE, CO2 - CARBON DIOXIDE, CH4 - METHANE, HCL - HYDROGEN CHLORIDE
	FIREMAN'S PHONE. Y INDICATES TYPE OF FLAME DETECTOR. R - RECESSED PHONE CABINET, S - SURFACE MOUNTED PHONE CABINET, J - FIREMAN'S JACK
	CONTROL MODULES - DOOR CLOSER AND MAGNETIC DOOR HOLD OPEN
	SUPERVISORY MODULES - FLOW SWITCH AND TAMPER SWITCH. COORDINATE QUANTITY AND LOCATION WITH FIRE SPRINKLER CONTRACTOR
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE SMOKE DAMPER - PROVIDE SMOKE DETECTOR AND CONTROL POWER AS REQUIRED. COORDINATE VOLTAGE AND CONNECTION REQUIREMENTS WITH EQUIPMENT BEING PROVIDED. PROVIDE CONTROL WIRING TO CONNECT RFD WITH FIRE ALARM SYSTEM FOR MONITORING AND CONTROL OF ASSOCIATED HVAC UNIT SERVING THE SPACE.

SECURITY DEVICE LEGEND	
SYMBOL	DESCRIPTION
	CARD READER - 3/4\"/>
	KEYPAD - 3/4\"/>
	DOOR STRIKE
	DOORBELL
	DOOR STATION
	MOTION DETECTOR - WALL MOUNTED / CEILING MOUNTED
	PUSH TO EXIT
	HANDICAP PUSH PLATE
	SECURITY CAMERA - WALL MOUNTED / CEILING MOUNTED
	PARKING DECK ACCESS CONTROL CARD READER
	PARKING DECK ACCESS CONTROL TICKET DISPENSER
	PARKING DECK ACCESS CONTROL EXIT PAY STATION
	PARKING DECK ACCESS CONTROL AUTOSATE
	PARKING DECK ACCESS CONTROL AVI ANTENNA
	AREA OF REFUGE TWO-WAY COMMUNICATION STATION - 3/4\"/>

GENERAL LEGEND	
SYMBOL	DESCRIPTION
	DEVICES TO BE DEMOLISHED (APPLIES TO DEMOLITION PLANS ONLY)
	CONDUIT RUN CONCEALED IN WALL OR CEILING
	LOW VOLTAGE WIRE RUN CONCEALED IN WALL OR CEILING
	CONDUIT RUN CONCEALED IN THE FLOOR, UNDERGROUND, OR UNDER THE ELEVATED SLAB
	CONDUIT RUN EXPOSED. ROUTE PARALLEL/PERPENDICULAR TO WALLS AND STRUCTURE
	CIRCUITS HOMERUN TO THE PANEL
	NUMBER OF CONDUCTORS (GROUND NOT SHOWN)
	FLEXIBLE CONDUIT OR CORD
	120/208V PANELBOARD OR DISTRIBUTION PANEL
	277/480V PANELBOARD OR DISTRIBUTION PANEL
	SWITCHBOARD OR DISTRIBUTION BOARD
	TRANSFORMER (FLOOR OR CEILING MOUNTED NOTED ON PLANS)
	DISCONNECT (FRAME AND POLES TO MATCH OVER CURRENT PROTECTION REQUIRED PER NEC OR AS NOTED)
	PLYWOOD BACKBOARD. 3/4\"/>
	MOTOR STARTER
	COMBINATION MOTOR STARTER & DISCONNECT
	EMERGENCY POWER OFF SWITCH
	AUTOMATIC TRANSFER SWITCH
	SURGE PROTECTION DEVICE

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED
	GFCI DUPLEX / GFCI QUAD RECEPTACLE
	QUAD RECEPTACLE - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED
	DUPLEX / GFCI DUPLEX / QUAD / QUAD GFCI RECEPTACLE - WALL MOUNTED ABOVE COUNTER
	USB COMBO - DUPLEX / GFCI DUPLEX RECEPTACLE / QUAD / QUAD GFCI RECEPTACLE & (2) USB CHARGING PORTS
	USB COMBO - DUPLEX / GFCI DUPLEX RECEPTACLE / QUAD / QUAD GFCI RECEPTACLE & (2) USB CHARGING PORTS - WALL MOUNTED ABOVE COUNTER
	USB CHARGING PORT DEVICE
	ISOLATED GROUND DUPLEX / SWITCH CONTROLLED DUPLEX RECEPTACLE
	ISOLATED GROUND DUPLEX / SWITCH CONTROLLED DUPLEX RECEPTACLE - WALL MOUNTED ABOVE COUNTER
	JUNCTION BOX - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - CONDUIT TO 6\"/>
	SPECIAL VOLT/AMP RECEPTACLE
	SINGLE RECEPTACLE
	GFCI DEVICE
	MOTOR RATED SWITCH
	DATA OUTLET - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - PROVIDE JUNCTION BOX W/ 1/4\"/>
	COMBINATION DATA & CABLE OUTLET - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - PROVIDE JUNCTION BOX W/ 1/4\"/>
	DATA / COMBINATION DATA & CABLE OUTLET - WALL MOUNTED ABOVE COUNTER - PROVIDE JUNCTION BOX AND 1/4\"/>
	WIRELESS ACCESS POINT DATA OUTLET - CEILING MOUNTED - PROVIDE FLUSH MOUNTED JUNCTION BOX IN CEILING
	RECESSED FLAT PANEL ENCLOSURE WITH DUPLEX RECEPTACLE AND AV/DATA BOX. PROVIDE 1/4\"/>
	POKE THRU - PROVIDE 1/2\"/>
	RECEPTACLE AND DATA FLOOR BOX. PROVIDE 1/4\"/>
	RECEPTACLE AND AV FLOOR BOX. PROVIDE 1/2\"/>
	MODULAR FURNITURE FLOOR BOX. COORDINATE ALL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN FOR EXACT CONDUCTOR QUANTITY, CONDUCTOR CONFIGURATION AND CONNECTION REQUIREMENTS. SEE LV DRAWINGS FOR ADDITIONAL INFORMATION.
	MODULAR FURNITURE WALL MOUNTED JUNCTION BOXES. COORDINATE ALL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN FOR EXACT CONDUCTOR QUANTITY, CONDUCTOR CONFIGURATION AND CONNECTION REQUIREMENTS. SEE LV DRAWINGS FOR ADDITIONAL INFORMATION.
	POWER POLE / COMBINATION POWER AND DATA POLE

SHEET LIST ELECTRICAL	
SHEET NUMBER	SHEET NAME
E001	ELECTRICAL LEGENDS, NOTES & DETAILS
E002	ELECTRICAL NOTES & DETAILS
E003	ELECTRICAL COMCHECK
E100	ELECTRICAL RISER AND SCHEDULES
E101	FLOOR PLAN - ELECTRICAL DEMOLITION
E102	FLOOR PLAN - ELECTRICAL
E201	FLOOR PLAN - ELECTRICAL (MECH)
E300	FLOOR PLAN - ELECTRICAL (LIGHTING)