

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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AUDIO - VISUAL

- AMPLIFIER
TV ANTENNA, RG-11 CABLE IN 3/4" TO NEAREST ELECTRICAL ROOM.
CAMERA
MICROPHONE OUTLET, CEILING MOUNTED
MICROPHONE OUTLET, FLOOR MOUNTED
INTERCOM CALL-IN SWITCH
INTERCOM CALL-IN STATION
INTERCOM MASTER STATION
EQUIPMENT RACK
SPEAKER, CEILING MOUNTED, FLUSH (S DENOTES SURFACE MOUNTED)
SPEAKER WITH INTERCOM MICROPHONE, CEILING MOUNTED
TV / MONITOR
VOLUME CONTROL
SPEAKER, WALL MTD, FLUSH (S DENOTES SURFACE MOUNTED)
PROJECTOR
VIDEO CONNECTOR OUTLET, CEILING MOUNTED
VIDEO CONNECTOR OUTLET, WALL MOUNTED
VIDEO CONNECTOR OUTLET, FLOOR MOUNTED
AUDIO CONNECTOR OUTLET, CEILING MOUNTED
AUDIO CONNECTOR OUTLET, WALL MOUNTED
SPEAKER CONNECTOR OUTLET, FLOOR MOUNTED
MULTI-SERVICE WALL BOX
MULTI-SERVICE FLOOR BOX
AUDIO/VIDEO POKE-THRU

SECURITY

- BELL
CARD READER
CCTV CAMERA
CCTV MONITOR
CCTV OUTLET - POWER SUPPLY
DOOR BUZZER
DOOR CONTACT
ELECTRIC DOOR LOCK-HINGE OR MOTORIZED BOLT
ELECTRIC DOOR MOTOR LOCK
ELECTRIC DOOR STRIKE
PUSH BUTTON
HORN SPEAKER
INTERCOM CALL STATION
INTERCOM DUTY STATION
INTERCOM MASTER STATION
KEYPAD
MOTION DETECTOR
SECURITY CONTROL PANEL

NURSE CALL

- ANNUNCIATOR
CODE BLUE STATION
CODE BLUE ANNUNCIATOR
DOCTORS DICTATION
DOME LIGHT
STAFF DUTY STATION
MASTER CONTROL STATION
OPERATING ROOM STATION
PATIENT STATION
STAFF EMERGENCY CALL STATION
STAFF EMERGENCY STATION
EMERGENCY CALL STATION, PULL CORD
ZONE LIGHT

RISER DIAGRAM SYMBOLS

- STATIONARY CIRCUIT BREAKER
STATIONARY SWITCH
STATIONARY FUSE
KIRK KEY INTERLOCK
DRAWOUT CIRCUIT BREAKER - NUMBER IN CIRCLE CORRESPONDS TO MARK ON SWITCHBOARD ELEVATION AND SCHEDULE.
TRANSFORMER: DELTA PRIMARY, SOLIDLY GROUND, WYE SECONDARY.
POTENTIAL TRANSFORMER
CURRENT TRANSFORMER
MEDIUM-VOLTAGE STRESS CONE
GROUND
AUTOMATIC TRANSFER SWITCH
ENGINE-GENERATOR
ENCLOSURE
PANELBOARD
DRAW OUT CIRCUIT BREAKER WITH INTEGRAL FUSE
STATIONARY CIRCUIT BREAKER WITH INTEGRAL FUSE
AUTOMATIC TRANSFER SWITCH WITH BYPASS-ISOLATION
DRAW OUT FUSE
PAD MOUNTED TRANSFORMER
JUNCTION BOX
KILOWATT-HOUR/DEMAND METER
LIGHTNING ARRESTOR
MANHOLE
PULL BOX
POWER FACTOR METER
ELECTRONIC POWER METER
VOLTAGE SENSING RELAY
TRANSIENT VOLTAGE SURGE SUPPRESSOR
LOAD BREAK CONNECTION
CABLE
BUSSING OR BUSWAY
NO CONNECTION
CONNECTED

SITE ELECTRICAL

- PAD MOUNTED TRANSFORMER
PAD MOUNTED SWITCH
ELECTRICAL SERVICE RISER POLE
GENERATOR (OUTDOOR ENCLOSURE)
MANHOLE
HANDHOLE
UTILITY POLE

LIGHTNING PROTECTION & GROUNDING

- LIGHTNING PROTECTION AIR TERMINAL
GROUND ROD, 3/4" DIA. X 10'-0" COPPER CLAD STEEL, TOP DRIVEN TO 2'-0" BELOW FINISHED GRADE.
GROUND SYSTEM CONDUCTOR #3/0 BARE COPPER, (2'-0" BELOW GRADE WHEN INSTALLED UNDERGROUND)

POWER AND AUXILIARY - FLOOR OUTLETS

- POKE-THRU STYLE
FIRE RATED POKE-THRU DEVICE WITH NEMA 5-20R DUPLEX RECEPTACLE
FIRE RATED POKE-THRU DEVICE, MULTI-SERVICE WITH NEMA 5-20R DUPLEX RECEPTACLE & VOICE/DATA OUTLET. #V AND #D INDICATE NUMBER OF VOICE/DATA OUTLETS.
POKE-THRU DEVICE, MULTI-SERVICE WITH 2 NEMA 5-20R DUPLEX RECEPTACLE & VOICE/DATA OUTLET. #V AND #D INDICATE NUMBER OF VOICE/DATA OUTLETS.
POKE-THRU DEVICE WITH DIRECT FLEXIBLE CONNECTION TO EQUIPMENT
POKE-THRU DEVICE WITH FLEXIBLE VOICE/DATA CONNECTION TO EQUIPMENT
POUR IN PLACE (F DENOTES FLUSH, S DENOTES SURFACE MOUNTED)
NEMA 5-20R DUPLEX RECEPTACLE
30A RECEPTACLE
30A RECEPTACLE
SPECIAL-PURPOSE RECEPTACLE
MULTI-SERVICE W/ NEMA 5-20R DUPLEX RECEPTACLE & VOICE/DATA OUTLET
MULTI-SERVICE FLOOR POCKET W/ NEMA 5-20R RECEPTACLE VOICE/DATA AND MICROPHONE OUTLETS. #V AND #D INDICATE NUMBER OF VOICE/DATA OUTLETS.
VOICE/DATA WITH FLEXIBLE CONNECTION TO EQUIPMENT
DEVICE WITH DIRECT FLEXIBLE CONNECTION TO EQUIPMENT.
NOTE: VERIFY LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN.

TELE/DATA

- TELEPHONE OUTLET, 1 VOICE CONNECTION.
WALL TELEPHONE WITH CONDUIT, TO ABOVE ACCESSIBLE CEILING U.O.N. 1 VOICE CONNECTION, TO BE MOUNTED AT 4'-0" AFF.
VOICE/DATA OUTLET WITH CONDUIT STUBBED ABOVE ACCESSIBLE CEILING U.O.N. 2 CAT 5e JACKS PER BOX, 2 CAT 5e CABLES TO NEW COMM. ROOM.
VOICE/DATA OUTLET WITH CONDUIT STUBBED ABOVE ACCESSIBLE CEILING U.O.N.
VOICE/DATA OUTLET WITH FLEXIBLE FURNITURE CONNECTION AND CONDUIT STUBBED ABOVE ACCESSIBLE CEILING U.O.N.
EMERGENCY PHONE
BACKBOARD, 1/2"x1/2"x1/4" PL/WOOD WITH 2 COATS OF FIRE RETARDANT BLUE PANEL PAINT, PROVIDE 1/4"-1/2" TO GROUNDING ELECTRODE SYSTEM.
CONDUIT WITH NYLON FISH CORD
CONDUIT WITH NYLON FISH CORD AND BUSHINGS TO NEAREST V/D PATHWAY.

TELE/DATA CONDUIT SIZING CHART
TOTAL NUMBER OF CABLES | CONDUIT SIZE
1-2 | 1/2"
3-4 | 3/4"
5-7 | 1"
8-12 | 1 1/4"

- CONDUIT SIZES ARE BASED ON NEC 40% FILL CAPACITY WITH ALL CABLES HAVING AN OUTSIDE DIAMETER OF 0.25".
#V AND #D DENOTE THE NUMBER OF VOICE AND DATA CABLES RESPECTIVELY.
PROVIDE 2 GANG BOX WITH 1 GANG PLASTER RING FOR ALL OUTLETS.
ALL OUTLETS ARE TO HAVE TWO (2) VOICE AND TWO (2) DATA CONNECTIONS U.O.N.

FIRE ALARM

- DETECTION
DUCT SMOKE DETECTOR - RETURN
DUCT SMOKE DETECTOR - SUPPLY
FIRE ALARM FLOW
FIRE ALARM TAMPER
FLAME DETECTOR - FLAME
HEAT DETECTOR
RELAY
SMOKE DETECTOR
ZAM - CONTROL
ZAM - MONITOR
PANELS
CONTROL PANEL - BASIC SHAPE
CONTROL PANEL FOR HVAC EQUIPMENT
FIRE ALARM ANNUNCIATOR
FIRE ALARM COMMUNICATOR
FIRE ALARM CONTROL PANEL, SURFACE OR FLUSH MOUNTED. (AS SHOWN ON PLANS).
FIRE ALARM NAC
FIRE ALARM TERMINAL CABINET
FIRE ALARM TRANSFORMER
SPRINKLER ALARM PANEL
VOICE EVACUATION PANEL

SAFETY

- ABORT SWITCH - EMERGENCY POWER OFF
FIRE ALARM CHIME - STROBE
FIRE ALARM CHIME - STROBE
FIRE ALARM DOOR HOLDER
FIRE ALARM HORN - STROBE
FIRE ALARM HORN - STROBE
FIRE ALARM MINI HORN
FIRE ALARM PULL BOX
FIRE ALARM SPEAKER - CEILING
FIRE ALARM STROBE
FIRE ALARM - COMBINATION SPEAKER AND STROBE, 87DB MIN.
FIRE ALARM STROBE - CEILING
FIREMAN PHONE
REMOTE MIC FOR EVACUATION
REMOTE TEST SWITCH

RECEPTACLES

- WALL MOUNTED
DUPLEX RECEPTACLE - NEMA 5-20R
DUPLEX RECEPTACLE - NEMA 5-20R, DEDICATED SERVICE/CIRCUIT
GROUND FAULT RECEPTACLE - NEMA 5-20R GF
RECEPTACLE - MTD ABOVE COUNTER - NEMA 5-20R
ISOLATED GROUND RECEPTACLE - NEMA 5-20R IG
SIMPLEX RECEPTACLE - NEMA 5-20R
SPLIT WIRE RECEPTACLE - NEMA 5-20R
WEATHER PROOF RECEPTACLE - NEMA 5-20R OF W/ NET LOCATION COVER
QUADRUPLX RECEPTACLE - NEMA 5-20R
SIMPLEX RECEPTACLE - NEMA 5-20R, DEDICATED SERVICE/CIRCUIT
QUADRUPLX RECEPTACLE - MTD ABOVE COUNTER - NEMA 5-20R
SINGLE RECEPTACLE - EQUIPMENT CONNECTION OR PROVISION
SINGLE RECEPTACLE - SPECIAL PURPOSE
SINGLE RECEPTACLE - A-NEMA 5-20R, B-NEMA 6-50R, C-NEMA 14-30R
SINGLE RECEPTACLE - A-NEMA 5-50R, B-NEMA 6-50R, C-NEMA 14-30R
MULTI-SERVICE WALL RECEPTACLE
CEILING MOUNTED
DUPLEX RECEPTACLE - NEMA 5-20R
DUPLEX RECEPTACLE - NEMA 5-20R, DEDICATED SERVICE/CIRCUIT
SIMPLEX RECEPTACLE - NEMA 5-20R
SINGLE RECEPTACLE - EQUIPMENT CONNECTION OR PROVISION
SINGLE RECEPTACLE - SPECIAL PURPOSE

POWER

- GENERATOR ALARM / ANNUNCIATOR PANEL
FAN / FAN-COIL UNIT
PACKAGED AIR CONDITIONING UNIT
ELECTRIC DUCT HEATER
UNIT HEATER WITH FAN
ELECTRIC BASEBOARD HEATER
ELECTRIC CABINET HEATER
PHOTO-ELECTRIC / PHOTOCELL SWITCH
MAGNETIC MOTOR STARTER
COMBINATION MAGNETIC STARTER & DISCONNECT SWITCH
RELAY
ELECTRIC MOTOR
DISCONNECT SWITCH, UNFUSED, 30A, 3P UNLESS OTHERWISE NOTED.
DISCONNECT SWITCH, FUSED, 30A, 3P UNLESS OTHERWISE NOTED.
TIME CLOCK SWITCH
VARIABLE SPEED / VARIABLE FREQUENCY DRIVE
CONTACTOR
CIRCUIT BREAKER, INDIVIDUALLY ENCLOSED
CONTROL PANEL
AUTOMATIC TRANSFER SWITCH
MANUAL TRANSFER SWITCH
METER (WITH SOCKET ASSEMBLY)
TRANSFORMER, GENERAL PURPOSE DRY-TYPE, REFER TO SCHEDULE

LIGHTING - EXTERIOR (SEE LUMINAIRE SCHEDULE)

- BOLLARD
GROUND MOUNTED SPOT, FLOOD OR WELL LIGHT
POLE MOUNTED-FLOOD LIGHT
POLE-ARM MOUNTED AREA LIGHT
POLE-TOP MOUNTED AREA LIGHT
WALL MOUNTED FLOOD OR AREA LIGHT

JUNCTION & OUTLET BOXES

- JUNCTION BOX - CEILING MOUNTED
POWER JUNCTION BOX, 3/4" UNLESS OTHERWISE NOTED WITH NYLON PULL CORD.
TELE DATA JUNCTION BOX - CEILING MOUNTED
JUNCTION BOX - FLOOR MOUNTED
JUNCTION BOX - WALL MOUNTED
OUTLET BOX - WALL MOUNTED, WITH FLEXIBLE HARD WIRED CONNECTION TO EQUIPMENT
OUTLET BOX - CEILING MOUNTED, WITH FLEXIBLE HARD WIRED CONNECTION TO EQUIPMENT
OUTLET BOX - FLOOR MOUNTED, WITH FLEXIBLE HARD WIRED CONNECTION TO EQUIPMENT
JUNCTION BOX - CEILING MOUNTED, 277V, CONNECTION FOR HVAC/HEAT CONTROLS CONTROL, TRANSFORMER BY CONTROLS CONTRACTOR.
JUNCTION BOX - SURFACE MOUNTED, 120V CONNECTION FOR FIRE-SMOKE DAMPER CONTROLS, CONTROL TRANSFORMER BY CONTROLS CONTRACTOR.

LIGHTING (SEE LUMINAIRE SCHEDULE)

- CEILING-RECESSED
RECESSED FLUORESCENT LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN
RECESSED LUMINAIRE
RECESSED WALL WASHER
RECESSED FLUORESCENT LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
RECESSED LUMINAIRE, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
RECESSED WALL WASHER, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
CEILING-SURFACE/PENDANT
SURFACE OR STEM MOUNTED FLUORESCENT STRIP LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN.
SURFACE OR STEM MOUNTED FLUORESCENT LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN.
SURFACE OR PENDANT MOUNTED LUMINAIRE
SURFACE MOUNTED WALL WASHING LUMINAIRE
TRACK LIGHT
CEILING FAN
EXIT SIGN - CEILING MOUNTED, DOUBLE FACE WITH CHEVRONS AS SHOWN. SEE LUMINAIRE SCHEDULE.
EXIT SIGN - CEILING MOUNTED, SINGLE FACE WITH CHEVRONS AS SHOWN. SEE LUMINAIRE SCHEDULE.
SURFACE OR STEM MOUNTED FLUORESCENT STRIP LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
SURFACE OR STEM MOUNTED FLUORESCENT LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
SURFACE OR PENDANT MOUNTED LUMINAIRE, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
SURFACE MOUNTED WALL WASHING LUMINAIRE, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
WALL
WALL MOUNTED LUMINAIRE
WALL MOUNTED LINEAR FLUORESCENT LUMINAIRE
EXIT SIGN - BACK MOUNTED, SINGLE FACE WITH CHEVRONS AS SHOWN. SEE LUMINAIRE SCHEDULE.
EXIT SIGN - END MOUNTED, DOUBLE FACE WITH CHEVRONS AS SHOWN. SEE LUMINAIRE SCHEDULE.
WALL MOUNTED FLUORESCENT STRIP LUMINAIRE - SINGLE OR CONTINUOUS LENGTHS AS SHOWN, LIFE SAFETY EMERGENCY EGRESS LIGHTING.
WALL MOUNTED LUMINAIRE LIFE SAFETY EMERGENCY EGRESS LIGHTING.
EMERGENCY EGRESS LIGHT.

SWITCHES

- S SINGLE POLE SWITCH, 20A, 125/277V.
3S THREE WAY SWITCH, 20A, 125/277V.
4S FOUR WAY SWITCH, 20A, 125/277V.
2S DOUBLE POLE SWITCH, 20A, 125/277V.
MS MONOMETRIC CONTACT SWITCH, 1-POLE, 20A, 125/277V.
PS PILOT LIGHT SWITCH (LIGHT ON WHEN IN 'ON' POSITION) 1-POLE, 20A, 125/277V.
LS LIGHTED TOGGLE (LIGHT ON WHEN SWITCH IS 'OFF' POSITION) 1-POLE, 20A, 125/277V.
TS KEY OPERATED SWITCH, 1-POLE, 20A, 125/277V.
TS TIME SWITCH, 1-POLE, 20A, 125/277V.
VS LOW VOLTAGE SWITCH
MS MOTOR SWITCH, 1-POLE, 20A, 125/277V.
DS DIMMER SWITCH
OS OCCUPANCY SENSOR, WALL MTD
OS OCCUPANCY SENSOR, CEILING MTD

BRANCH CIRCUITS

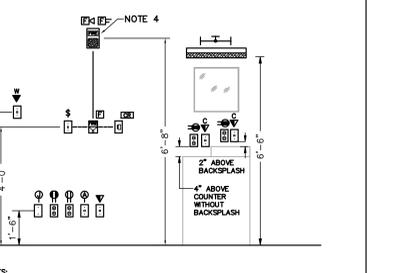
- CONCEALED IN CEILING, WALL, OR IN CEILING SLAB.
CONCEALED IN OR BELOW FLOOR OR UNDERGROUND.
EXPOSED.
EMERGENCY.
RUN IN FLEXIBLE METAL CONDUIT.
EMPTY CONDUIT, 3/4" UNLESS OTHERWISE NOTED WITH NYLON PULL CORD.
CONDUIT SEAL FITTING: GROUSE-HINDS JEYS OR APPROVED EQUIVALENT.
HOMERUN TO PANELBOARD AND 20A, 1P BREAKER, UON.
NOTE: SWITCH 3/8" AND 1/2"(0)-3/4"
10-2#10 AND 1#2(0)-3/4"
10-2#10 AND 1#2(0)-3/4"
10-2#10 AND 1#2(0)-3/4"
SIZE CONDUIT PER NEC FOR GREATER NUMBER OF CONDUCTORS OR AS NOTED. THE NUMBER IN THE CIRCLES INDICATED WITH WIRE SIZE AND HASHMARKS INDICATE NUMBER OF WIRES REQUIRED. GROUND WIRE SHALL BE SIZED IN ACCORDANCE WITH NEC TABLE 250-95. NUMBER OF HASHMARKS DO NOT INCLUDE GROUND WIRE.
RISER: UP, RUNNING TO SOURCE.
RISER: DOWN, RUNNING TO SOURCE.
BRANCH CIRCUIT WIRING FOR LIGHTING IS SHOWN SCHEMATICALLY. EACH LUMINAIRE IS TO BE INSTALLED WITH AN INDIVIDUAL FLEXIBLE CONNECTION. FOR EXAMPLE:



PANELBOARDS

- LIGHTING PANEL: SEE PANELBOARD SCHEDULE AND SPECIFICATIONS.
RECEPTACLE PANEL: SEE PANELBOARD SCHEDULE AND SPECIFICATIONS.
POWER PANEL: SEE PANELBOARD SCHEDULE AND SPECIFICATIONS.

STANDARD MOUNTING HEIGHTS



- NOTES:
1. MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET, UNLESS OTHERWISE NOTED.
2. LOCATIONS OF OUTLETS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL TAKE PRECEDENCE OVER THESE MOUNTING HEIGHTS. FIELD LOCATE OUTLETS WITH ARCHITECT DURING ROUGH-IN.
3. INSTALL OUTLETS THAT ARE IN CLOSE PROXIMITY TO THE SAME CENTERLINE. OUTLETS THAT ARE WITHIN 2'-0" HORIZONTALLY AND WITHIN 1'-0" VERTICALLY SHALL BE INSTALLED ON THE SAME CENTERLINE. OUTLETS THAT ARE MORE THAN 1'-0" APART VERTICALLY SHALL BE INSTALLED ON THE SAME VERTICAL CENTERLINE.
4. VERIFY MOUNTING HEIGHT WITH LOCAL AUTHORITY.

ELECTRICAL NOTES

- THESE DRAWINGS ARE A PART OF A COMPLETE SET OF ARCHITECTURAL/ENGINEERING CONTRACT DOCUMENTS. ELECTRICAL CONTRACTOR SHOULD REFER TO THE ARCHITECTURAL DRAWINGS FOR ACTUAL LOCATION OF ITEMS WHERE SPECIFIED. SEE SAID CONFIGURATIONS FOR WALL DEFINITIONS, ELEVATIONS, CASEWORK, REFLECTED CEILING PLAN, ETC. ROUGH-IN INSTALLATIONS WHICH ARE NOT LOCATED ACCORDING TO THE ARCHITECTURAL ELEVATIONS SHALL BE RELOCATED AT NO ADDITIONAL COST.
CEILING CLEARANCES ARE CRITICAL FOR THIS PROJECT. GENERAL CONTRACTOR MUST COORDINATE ALL TRADES TO AVOID POTENTIAL INTERFERENCE. CONFLICTS BETWEEN TRADES SHALL BE REFERRED TO THE ARCHITECT FOR RESOLUTION.
ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEC AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
ALL SYMBOLS SHOWN ON THIS LEGEND MAY NOT BE USED.
ALL PANELBOARDS ARE 3# 4W UNLESS OTHERWISE NOTED.
ALL BRANCH CIRCUIT CONDUIT SHALL BE GALVANIZED EMT, 1/2" CONDUIT MINIMUM.
ALL CIRCUITS SHOWN CONCEALED SHALL BE RUN IN FURRED CEILING SPACES AND SHALL BE CONCEALED IN CONCRETE SLAB ONLY WHEN NO FURRED CEILING SPACE IS PROVIDED.
ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
ALL OUTLET BOXES MOUNTED BACK-TO-BACK IN WALLS SHALL HAVE FIREPROOF SOUND INSULATING MATERIAL INSTALLED BETWEEN THE BOXES TO PREVENT SOUND TRANSMISSION FROM ONE ROOM TO THE OTHER.
ALL FLUSH MOUNTED PANELS SHALL HAVE 3-1" EMPTY CONDUITS STUBBED OUT ABOVE CEILING FOR FUTURE CIRCUITS.
ALL WALL OUTLETS NOT PROVIDED WITH A DEVICE BY THE CONTRACTOR SHALL BE PROVIDED WITH BLANK WALL PLATES.
ALL BRANCH CIRCUITS SHALL INCLUDE A GREEN COVERED GROUND WIRE SHALL BE NEC OR AS SHOWN. CONNECT TO EACH DEVICE AND OUTLET BOX ON THE CIRCUIT AND TO THE PANELBOARD GROUNDING TERMINAL. WIRE BRANCH CIRCUITS WITH COMMON NEUTRAL REQUIRE ONLY ONE GROUND WIRE. NUMBER OF WIRES SHOWN ON DRAWINGS DOES NOT INCLUDE GROUND WIRE.
FINAL EQUIPMENT CONNECTIONS: THIS CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR & MATERIALS REQUIRED TO MAKE FINAL CONNECTIONS TO ALL EQUIPMENT FURNISHED BY THE CONTRACTOR AND/OR EQUIPMENT FURNISHED BY OTHERS. VERIFY ALL REQUIREMENTS, CONDUCTOR SIZE, OVERCURRENT PROTECTION, PHASE, VOLTAGE, MOTOR RATINGS, ETC. WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. PROVIDE FUSED DISCONNECT IF REQUIRED BY MANUFACTURER.
FURNISH & INSTALL FIRE ALARM SYSTEM WHICH CONFORMS TO ALL NATIONAL, STATE, & LOCAL CODES. PROVIDE ADDITIONAL DEVICES AS REQUIRED. PROVIDE TO ARCHITECT A COMPLETE SET OF MANUFACTURER'S SYSTEM INSTALLATION PLANS INCLUDING RISER DIAGRAMS, WIRING INTERLOCKING DIAGRAMS, DEVICE LOCATIONS AND ALL REQUIRED CONNECTIONS TO EQUIPMENT FURNISHED BY OTHERS. PROVIDE CONDUIT & WIRING AS DIRECTED BY SYSTEM SUPPLIER.

ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Notes. Includes terms like AA (Ambient Air Cooled), AF (Above Finished Floor), AL (Aluminum), etc.

DRAWING CONVENTIONS

- NEW WORK
EXISTING TO REMAIN
EXISTING TO REPLACE
PRIOR TO ANY DEMOLITION WORK STARTING, THE FOLLOWING MUST BE PERFORMED, AND DOCUMENTED TO THE OWNER, AND GENERAL CONTRACTOR.
(a) VERIFY ALL HOSPITAL, AND DEPARTMENTAL PAGING SPEAKERS IN THE SCOPE OF WORK (CONSTRUCTION) AREA, ARE OPERATING.
(b) UNLESS DEFECTIVE SPEAKER IS SCHEDULED FOR DEMOLITION, ELECTRICAL CONTRACTOR MUST INCLUDE PRICE TO REPLACE SPEAKER.
(c) ELECTRICAL CONTRACTOR MUST INCLUDE (a) AND (b) IN THE BID PRICE.

Revisions table with columns for Revision, Description, and Date.

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Drawing Title: ELECTRICAL LEGEND Approved Project Director: James Zellender

Project Title: A/E AMBULATORY SURGERY IMPROVEMENTS Building Number: 000000000 Drawing Number: E001

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