CLICK TO JUMP TO INDEX

2" GRIDS → 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

ELECTRICAL SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- LA-2 — RACEWAY CONCEALED IN CEILING, WALL, OR BELOW FLOOR. HASH MARKS INDICATE QUANITY OF CABLES OR CURRENT CARRYING CONDUCTORS. NO MARKS INDICATES 2 #12 AWG COPPER CONDUCTORS. USE #10 AWG FOR 120V CIRCUITS EXCEEDING 100 FT IN LENGTH AND 277V CIRCUITS EXCEEDING 230 FT. ALL RACEWAYS SHALL CONTAIN ONE EQUIPMENT GROUNDING CONDUCTOR, SIZED PER NEC. ISOLATED GROUND RECEPTACLE RACEWAYS SHALL CONTAIN AN ADDITIONAL ISOLATED GROUNDING CONDUCTOR. REFER TO PANEL SCHEDULES FOR CONDUIT AND CONDUCTOR SIZES. ARROW INDICATES HOMERUN TO PANEL-CIRCUIT.
- RACEWAY EXPOSED ON STRUCTURE, WITH MARKS AS ABOVE. PAINT TO MATCH STRUCTURE.
- RACEWAY INSTALLED BELOW SLAB, WITH MARKS AS ABOVE.
- RACEWAY INSTALLED BELOW GRADE WITH MARKS AS ABOVE.
- EMERGENCY POWER SYSTEMS RACEWAY CONCEALED IN CEILING, WALL, OR BELOW FLOOR, WITH MARKS AS ABOVE. INSTALLATION OF EMERGENCY POWER SYSTEMS SHALL COMPLY WITH NFPA 110 AND NFPA 70, SPECIFICALLY ARTICLE 700.
- EMERGENCY POWER SYSTEMS RACEWAY EXPOSED ON STRUCTURE, WITH MARKS AS ABOVE. PAINT RACEWAY TO MATCH STRUCTURE. INSTALLATION OF EMERGENCY POWER SYSTEMS SHALL COMPLY WITH NFPA 110 AND NFPA 70, SPECIFICALLY ARTICLE 700.
- WP/GFI — 20A, 125V DUPLEX RECEPTACLE MOUNTED 18" AFF, OR AS NOTED. WP DENOTES WATER RESISTANT DEVICE WITH GASKETTED WEATHERPROOF CAST METAL WHILE-IN-USE COVER. GFI DENOTES GROUND FAULT CIRCUIT INTERRUPTING TYPE.
- 20A, 125V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP BACKSPLASH. COORDINATE EXACT LOCATION WITH MILLWORK INSTALLER. 46" AFF, OR AS NOTED. MARKS AS ABOVE.
- 20A, 125V ISOLATED GROUND DUPLEX RECEPTACLE MOUNTED 18" AFF, OR AS NOTED. MARKS AS ABOVE.
- GFI — 20A, 125V QUADRUPLEX RECEPTACLE MOUNTED 18" AFF, OR AS NOTED.
- 20A, 125V QUADRUPLEX ISOLATED GROUND RECEPTACLE MOUNTED 18" AFF, OR AS NOTED.
- 20A, 125V QUADRUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP BACKSPLASH. COORDINATE EXACT LOCATION WITH MILLWORK INSTALLER. 46" AFF, OR AS NOTED. MARKS AS ABOVE.
- SP — SPECIAL RECEPTACLE, FLUSH MOUNTED 18" AFF, OR AS NOTED. PROVIDE NEMA TYPE RECEPTACLE AS NOTED, UNLESS OTHERWISE REQUIRED BY EQUIPMENT.
- 20A, 125V SINGLE RECEPTACLE INSTALLED 96" ABOVE FINISHED FLOOR.
- 20A, 125V DUPLEX RECEPTACLE INSTALLED IN SINGLE SERVICE FLOOR BOX WITH HINGED COVER.
- 20A, 125V DUPLEX ISOLATED GROUND RECEPTACLE INSTALLED IN MULTI-SERVICE FLOOR BOX. INSTALL IN COMMON BOX WITH TELECOM/DATA AND/OR AV OUTLETS SHOWN AT THE SAME LOCATION.
- 20A, 125V QUADRUPLEX RECEPTACLE INSTALLED IN SINGLE SERVICE FLOOR BOX WITH HINGED COVER.
- 20A, 125V QUADRUPLEX ISOLATED GROUND RECEPTACLE INSTALLED IN MULTI-SERVICE FLOOR BOX. INSTALL IN COMMON BOX WITH TELECOM/DATA AND/OR AV OUTLETS SHOWN AT THE SAME LOCATION.
- SPECIAL RECEPTACLE, FLUSH MOUNTED IN FLOOR BOX. PROVIDE NEMA TYPE RECEPTACLE AS NOTED, UNLESS OTHERWISE REQUIRED BY EQUIPMENT.
- J — WALL MOUNTED (LEFT), CEILING MOUNTED (RIGHT) JUNCTION BOX.
- J — FLOOR MOUNTED JUNCTION BOX, CAST IRON WITH WEATHERPROOF COVER. FOR INSTALLATION IN KITCHEN AREAS, REFER TO DETAIL - KITCHEN FLOOR RECEPTACLE.
- FLOOR MOUNTED OUTLET IN FS DEVICE BOX WITH GASKETTED COVER. IN KITCHEN AREAS, REFER TO DETAIL - KITCHEN FLOOR RECEPTACLE.
- DUPLEX RECEPTACLE FLUSH MOUNTED IN SUSPENDED CEILING. UTILIZE T-GRID BOX HANGER SUPPORTED FROM STRUCTURE. MAKE FINAL CONNECTION WITH FLEXIBLE WIRING METHOD TO J-BOX AT STRUCTURE.
- DUPLEX ISOLATED GROUND RECEPTACLE FLUSH MOUNTED IN SUSPENDED CEILING. UTILIZE T-GRID BOX HANGER SUPPORTED FROM STRUCTURE. MAKE FINAL CONNECTION WITH FLEXIBLE WIRING METHOD TO J-BOX AT STRUCTURE.
- DUPLEX RECEPTACLE SUSPENDED FROM ABOVE. REFER TO POWER DROP DETAIL.
- DUPLEX ISOLATED GROUND RECEPTACLE SUSPENDED FROM ABOVE. REFER TO POWER DROP DETAIL.
- P — TELE-POWER POLE, WITH SEPARATE COMPARTMENTS FOR COMMUNICATIONS AND POWER CABLING. REFER TO SPECIFICATIONS.
- CEILING MOUNTED (LEFT) AND WALL WALL MOUNTED (RIGHT) EXIT SIGNS. SHADING INDICATES LIT FACES. SIDE TRIANGLES INDICATE EMERGENCY LAMP HEADS. ARROWS INDICATE CHEVRONS TO BE ILLUMINATED.
- A a — LIGHTING FIXTURE, TYPE AS INDICATED BY CAPITAL LETTER. REFER TO LIGHTING FIXTURE SCHEDULE. LOWER CASE LETTER DESIGNATION INDICATES SWITCHING OR CONTROL ZONE. NUMERIC DESIGNATION INDICATES CIRCUIT.
- EMERGENCY LIGHTING FIXTURE WITH NOTATION AS ABOVE.
- SUSPENDED (TOP) OR SURFACE MOUNTED (BOTTOM) STRIP LIGHTING FIXTURE WITH NOTATION AS ABOVE.
- SUSPENDED (TOP) OR SURFACE MOUNTED (BOTTOM) STRIP EMERGENCY LIGHTING FIXTURE WITH NOTATION AS ABOVE.
- RECESSED DOWNLIGHT LIGHTING FIXTURE WITH NOTATION AS ABOVE.
- EMERGENCY RECESSED DOWNLIGHT LIGHTING FIXTURE WITH NOTATION AS ABOVE.
- WALL BATTERY PACK EMERGENCY LIGHTING FIXTURE WITH DESIGNATIONS AS ABOVE.
- $ — 20A, 120/277V SPST LIGHTING TOGGLE SWITCH. '2' DENOTES DPST, '3' DENOTES 3-WAY, '4' DENOTES 4-WAY; 'K' DENOTES KEY OPERATED SWITCH; 'MC' DENOTES MOMENTARY CONTACT; 'D' DENOTES DIMMER WITH 0-10V OUTPUT.
- S_M — MOTOR RATED SWITCH (MANUAL MOTOR STARTER WITHOUT OVERLOADS) IN A NEMA 250 TYPE 1 ENCLOSURE. SINGLE POLE, 16A RATED, UNLESS OTHERWISE NOTED.
- DISCONNECT SWITCH, NON-FUSED UNLESS OTHERWISE NOTED. NEMA TYPE PER ENVIRONMENT. AMPERE RATING PER CONNECTION SCHEDULE.
- DISCONNECT SWITCH, FUSED UNLESS OTHERWISE NOTED. NEMA TYPE PER ENVIRONMENT. AMPERE RATING PER CONNECTION SCHEDULE.
- MAGNETIC MOTOR STARTER, FURNISHED BY DIVISION 23, INSTALLATION AND POWER WIRING BY DIVISION 26.
- DRY TYPE VENTILATED TRANSFORMER.
- 480Y/277 VAC PANELBOARD (LEFT) AND 208Y/120 VAC PANELBOARD (RIGHT).
- MOTOR; HORSEPOWER RATING AS INDICATED; F INDICATES HORSEPOWER RATING LESS THAN 1/10.
- © — CONTACTOR IN SURFACE WALL MOUNTED ENCLOSURE.
- 720W — EMERGENCY LIGHTING INVERTER, WALL MOUNTED UNLESS OTHERWISE NOTED. TEXT INDICATES OUTPUT POWER CAPACITY
- 20A, 125V DUPLEX RECEPTACLE (LEFT) QUAD RECEPTACLE (RIGHT) INSTALLED IN POKE-THRU DEVICE.
- 20A, 125V DUPLEX ISOLATED GROUND RECEPTACLE (LEFT) AND QUAD ISOLATED GROUND RECEPTACLE (RIGHT) INSTALLED IN POKE-THRU DEVICE.
- J-HOOK SYSTEM FOR SUPPORT OF COMMUNICATIONS & PROTECTION CONDUCTORS. SEE SPECIFICATIONS.
- S T W I N H — MECHANICAL CONTROL DEVICES (SENSOR, THERMOSTAT, WALL SWITCH, INTERVAL TIMER, NIGHT SETBACK, HUMIDISTAT) TO BE INSTALLED BY DIVISION 23. ELECTRICAL CONTRACTOR SHALL PROVIDE A FLUSH WALL MOUNTED OUTLET BOX WITH CONDUIT STUBBED OUT 6" ABOVE TYPE 2 CEILING WITH BUSHED OPENING AT LOCATION SHOWN. WALL SWITCH SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY REQUIREMENTS WITH DIVISION 23 PRIOR TO INSTALLATION.

DATA/TELECOM SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- FLOOR MOUNTED EQUIPMENT RACK OR CABINET FOR DATA NETWORKING MAIN DISTRIBUTION FRAME (MDF) OR INTERMEDIATE DISTRIBUTION FRAME (IDF) WITH EQUIPMENT AS SPECIFIED.
- WALL MOUNTED EQUIPMENT CABINET FOR DATA NETWORKING MAIN DISTRIBUTION FRAME (MDF) OR INTERMEDIATE DISTRIBUTION FRAME (IDF) WITH EQUIPMENT AS SPECIFIED.
- FLUSH WALL MOUNTED DATA OUTLET . PROVIDE 4-11/16" BOX WITH SINGLE OR TWO GANG MUD RING TO ACCOMMODATE FACEPLATE. ROUTE (1) 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AND TERMINATE WITH BUSHED OPENING. NUMBER INDICATES QUANTITY OF HORIZONTAL CABLES AND JACKS TO BE INSTALLED AT OUTLET LOCATION. TEXT AP INDICATES OUTLET FOR WIRELESS ACCESS POINT TO BE INSTALLED 6" ABOVE CEILING. TEXT C INDICATES OUTLET FOR CCTV CAMERA, TEXT AC INDICATES OUTLET FOR ACCESS CONTROL EQUIPMENT.
- AP — CEILING MOUNTED DATA NETWORK OUTLET. PROVIDE T-GRID BOX HANGER FOR SUPPORT. NUMBER/TEXT INDICATOR AND CABLING REQUIREMENTS AS ABOVE.
- DATA OUTLET INSTALLED IN MULTISERVICE FLOOR BOX. PROVIDE (1) 1-1/4" CONDUIT FROM FLOOR BOX TO LOCAL DATA CLOSET. NUMBER/TEXT INDICATOR AS AND CABLING REQUIREMENTS AS ABOVE.
- TELECOM/DATA OUTLETS INSTALLED IN MULTISERVICE FLOOR BOX. PROVIDE (2) 1-1/4" CONDUIT FROM FLOOR BOX TO LOCAL DATA CLOSET. PROVIDE ONE HORIZONTAL CABLE FOR TELEPHONE, PLUS QUANTITY OF DATA CABLES/OUTLETS AS INDICATED.
- FLUSH WALL MOUNTED TELECOM/DATA OUTLET . PROVIDE 4-11/16" BOX WITH SINGLE OR TWO GANG MUD RING TO ACCOMMODATE FACEPLATE. ROUTE (2) 1" CONDUITS TO 6" ABOVE ACCESSIBLE CEILING AND TERMINATE WITH BUSHED OPENING. PROVIDE ONE HORIZONTAL CABLE FOR TELEPHONE, PLUS QUANTITY OF DATA CABLES/OUTLETS AS INDICATED.
- TELEPHONE OUTLET WITH COVER PLATE, MOUNTED 18" AFF OR AS NOTED. ROUTE (1) 1" C. TO A POINT 6" ABOVE SUSPENDED CEILING, AND TERMINATE WITH A BUSHED OPENING. PROVIDE ONE HORIZONTAL CABLE FOR TELEPHONE.
- TELEPHONE OUTLET MOUNTED IN MULTISERVICE FLOOR BOX. ROUTE (1) 1" C TO LOCAL DATA CLOSET, AND TERMINATE WITH BUSHED OPENING. PROVIDE ONE HORIZONTAL CABLE FOR TELEPHONE.
- DATA OUTLET INSTALLED IN POKE-THROUGH. NUMBER INDICATOR AND CABLING REQUIREMENTS AS ABOVE.

LIGHTING CONTROL SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY TYPE. 'L' DENOTES LARGE AREA; 'S' DENOTES SMALL AREA COVERAGE. SUBSCRIPT "D" DENOTES DIGITAL SENSOR FOR OPERATION WITH DIGITAL ROOM CONTROLLER.
- CEILING MOUNTED OCCUPANCY SENSOR, PASSIVE INFRARED TYPE. 'L' DENOTES LARGE AREA; 'S' DENOTES SMALL AREA; 'H' DENOTES HIGH BAY COVERAGE. SUBSCRIPT "D" DENOTES DIGITAL SENSOR FOR OPERATION WITH DIGITAL ROOM CONTROLLER.
- CEILING MOUNTED OCCUPANCY SENSOR, ULTRASONIC TYPE. 'L' DENOTES LARGE AREA; 'S' DENOTES SMALL AREA; 'H' DENOTES HALLWAY COVERAGE. SUBSCRIPT "D" DENOTES DIGITAL SENSOR FOR OPERATION WITH DIGITAL ROOM CONTROLLER.
- DUAL TECHNOLOGY WALL MOUNTED OCCUPANCY SENSOR, LOCATED AT 10'0" AFF, OR 6" BELOW CEILING. SUBSCRIPT "D" DENOTES DIGITAL SENSOR FOR OPERATION WITH DIGITAL ROOM CONTROLLER.
- PASSIVE INFRARED WALL MOUNTED OCCUPANCY SENSOR, LOCATED AT 10'0" AFF, OR 6" BELOW CEILING. SUBSCRIPT "D" DENOTES DIGITAL SENSOR FOR OPERATION WITH DIGITAL ROOM CONTROLLER.
- PP — LIGHTING CONTROL POWER PACK OR SLAVE PACK, WITH 24V CABLING TO SENSOR DEVICES IN SAME ZONE/SPACE. POWER PACKS INSTALLED IN CORRIDORS, HALLWAYS, PASSAGES, LOBBIES, STAIRS AND COMMONS AREAS SHALL INCLUDE AN INPUT CONTACT FOR FIRE ALARM SYSTEM OVERRIDE OF MOTION SENSORS.
- PC — PHOTOCELL CONTROL, WITH CABLING TO TIME SWITCH OR CONTACTOR WHEN USED TO INDIRECTLY CONTROL LIGHTING CIRCUIT(S).
- © — LIGHTING CONTACTOR INSTALLED IN SURFACE WALL MOUNTED ENCLOSURE 12" BELOW CEILING, OR AS NOTED.
- T/S — LIGHTING CONTROL TIME SWITCH PER SPECIFICATIONS INSTALLED 60" AFF, U.O.N.
- W_T — WALL SWITCH OCCUPANCY SENSOR, 120V/277V, MOUNTED AT 48" AFF. TEXT DENOTES TYPE: P=INFRARED, T=DUAL TECHNOLOGY, D=DIMMING 0-10V, 2=DUAL RELAY.
- RC — DIGITAL LIGHTING MANAGEMENT SYSTEM ROOM CONTROLLER WITH UTP CABLING TO OTHER COMPONENTS LOCATED IN SAME SPACE.
- W_4 W_5 W_6 — SINGLE GANG DIGITAL 4-, 5, OR 6 BUTTON WALL SWITCH FOR OPERATION WITH DIGITAL LIGHTING MANAGEMENT SYSTEM. REFER TO LIGHTING SCHEMATICS FOR BUTTON FUNCTIONS.
- DAYLIGHT SENSOR FOR AUTOMATIC DIMMING CONTROL.
- ER — EMERGENCY LIGHTING RELAY, FOR OVERRIDE OF LOCAL LIGHTING CONTROLS ON LOSS OF NORMAL POWER. UNIT SHALL BE UL 924 LISTED.

COMMUNICATIONS SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- BS CB — AREA OF RESCUE ASSISTANCE CALL BOX(CB) OR BASE STATION(BS) FLUSH MOUNTED IN WALL 46" AFF, U.O.N. PROVIDE 3/4" CONDUIT FROM CALL BOX TO BASE LOCATION WITH CABLING PER SPECIFICATIONS. COORDINATE EXACT AREA OF RESCUE LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- IC — FLUSH WALL MOUNTED INTERCOM CALL STATION.
- S — FLUSH CEILING MOUNTED INTERCOM SPEAKER.
- S WP — SURFACE MOUNTED INTERCOM SPEAKER. WP DENOTES WEATHERPROOF VANDAL RESISTANT ENCLOSURE.
- AV — WALL MOUNTED AUDIO/VISUAL INPUT OUTLET BOX. PROVIDE (1)4-11/16" BOX WITH (2)1" CONDUITS @ 18" AFF, U.O.N. STUB CONDUITS OUT 6" ABOVE FINISHED CEILING AND TERMINATE CONDUIT WITH BUSHED OPENINGS. REFER TO CLASSROOM A/V OUTLET DETAIL.
- AVC — WALL MOUNTED AUDIO/VISUAL CONTROL OUTLET BOX. PROVIDE (1)SINGLE GANG BOX WITH (1)1" CONDUIT @ 46" AFF, U.O.N. STUB CONDUIT OUT 6" ABOVE FINISHED CEILING AND TERMINATE CONDUIT WITH BUSHED OPENINGS. REFER TO CLASSROOM A/V OUTLET DETAIL.
- AV — WALL MOUNTED AUDIO/VISUAL OUTPUT OUTLET BOX. PROVIDE (1)RECESSED MULTIMEDIA WALL BOX WITH (2)1" CONDUITS @ 60" AFF, U.O.N. STUB CONDUITS OUT 6" ABOVE FINISHED CEILING AND TERMINATE CONDUIT WITH BUSHED OPENINGS. REFER TO A/V OUTLET DETAIL.
- CP — PUBLIC ADDRESS SYSTEM FLUSH MOUNTED AMPLIFIER/EQ.
- L — PUBLIC ADDRESS SYSTEM RCA INPUTS FLUSH MOUNTED IN WALL @ 18" AFF. PROVIDE STEREO RCA INPUTS(RED & WHITE) TO PUBLIC ADDRESS SYSTEM AMPLIFIER/EQ.
- V — AUDIO/VISUAL SYSTEM TOUCH PANEL STATION FLUSH MOUNTED IN WALL @ 46" AFF. PROVIDE CONTROL CABLING TO AUDIO/VISUAL SYSTEM PROCESSOR.
- M — AUDIO/VISUAL SYSTEM MICROPHONE JACK FLUSH IN WALL @ 18" AFF, U.O.N. PROVIDE MICROPHONE CABLING TO PUBLIC ADDRESS SYTEM AMPLIFIER/EQ.
- S — PUBLIC ADDRESS SYSTEM LOUDSPEAKER, SUPPORTED FROM STRUCTURE, UNLESS OTHERWISE NOTED.
- SUB — FLUSH CEILING MOUNTED AUDIO/VISUAL SYSTEM SPEAKER. 'SUB' DESIGNATES DEDICATED SUBWOOFER SPEAKER.
- WP — SURFACE OR PENDANT MOUNTED PUBLIC ADDRESS SYSTEM SPEAKER. WP DENOTES WEATHERPROOF VANDAL RESISTANT ENCLOSURE.
- AV — AUDIO/VISUAL INPUTS INSTALLED IN MULTISERVICE FLOOR BOX. PROVIDE (2) 1" CONDUITS FROM FLOOR BOX TO A/V OUTPUT OUTLET BOX, U.O.N.
- AV — CEILING MOUNTED A/V OUTPUT AT PROJECTOR LOCATION.

FIRE ALARM SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- FACP — FIRE ALARM SYSTEM CONTROL PANEL OR NETWORK NODE. SURFACE OR FLUSH MOUNTED AS INDICATED ON DRAWINGS.
- FAA — FIRE ALARM SYSTEM REMOTE ANNUNCIATOR PANEL.
- APS — FIRE ALARM SYSTEM AUXILIARY POWER SUPPLY.
- FCU — FIRE ALARM SYSTEM INTERNET AND/OR CELLULAR COMMUNICATOR PANEL.
- EVAC — FIRE ALARM SYSTEM VOICE EVACUATION PANEL.
- MIC — FIRE ALARM SYSTEM REMOTE MICROPHONE FOR VOICE/EVAC.
- F — FIRE ALARM MANUAL PULL STATION, LOCATED 48" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- H S F — FIRE ALARM SYSTEM CEILING MOUNTED NOTIFICATION APPLIANCE: HORN/STROBE (LEFT); SPEAKER/STROBE (CENTER); STROBE ONLY (RIGHT). INSTALL ON RECESSED OUTLET BOX AND T-GRID HANGER SUPPORTED FROM STRUCTURE.
- H S F — FIRE ALARM SYSTEM WALL MOUNTED NOTIFICATION APPLIANCE: HORN/STROBE (LEFT); SPEAKER/STROBE (CENTER); STROBE ONLY (RIGHT). LOCATE 84" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED. WP DENOTES WEATHERPROOF.
- S H — FIRE ALARM SYSTEM CEILING MOUNTED DETECTOR - SMOKE (LEFT); HEAT (RIGHT). INSTALL ON RECESSED OUTLET BOX AND T-GRID HANGER SUPPORTED FROM STRUCTURE.
- S H — FIRE ALARM SYSTEM WALL MOUNTED DETECTOR - SMOKE (LEFT); HEAT (RIGHT).
- M_C — FIRE ALARM SYSTEM INTELLIGENT ADDRESSABLE MODULE INSTALLED IN 4x4 SQUARE OUTLET BOX. 'C' DENOTES CONTROL MODULE, 'R' DENOTES RELAY MODULE, 'I' DENOTES ISOLATION MODULE, 'M' DENOTES MONITOR MODULE.
- DD TS FS FD — FIRE ALARM SYSTEM JUNCTION BOX WITH FLEXIBLE CONNECTION TO DUCT DETECTOR, TAMPER SWITCH, FLOW SWITCH AND SMOKE DAMPER. DEVICE PROVIDED BY FIRE ALARM CONTRACTOR AND INSTALLED BY DIVISION 23. POWER CONNECTIONS BY DIVISION 26.
- DH — MAGNETIC DOOR HOLDER OR AUTOMATIC CLOSER CONNECTION AT SMOKE RATED OPENING. WALL MOUNT UNLESS OTHERWISE NOTED.

SECURITY SYMBOLS LEGEND NOTES:
1. PROVIDE ALL CONDUIT AND WIRING FROM CONTROL PANEL(S) TO ACCESS CONTROL EQUIPMENT, DEVICES.
2. WHERE ELECTRIC STRIKES OR OTHER ACCESS CONTROL DEVICES ARE INSTALLED ON REMOVABLE MULLS, PROVIDE QUICK DISCONNECT TYPE PLUGS FOR ALL CONDUCTORS INSTALLED THROUGH THE MULL.
3. CONTRACTOR SHALL COORDINATE ALL SYSTEM REQUIREMENTS WITH DOOR HARDWARE PROVIDER AND SHOP DRAWINGS PRIOR TO ROUGH-IN OF ANY CONDUIT OR EQUIPMENT.
4. FOR ALL WALL MOUNTED DETECTORS, PROVIDE A FLUSH MOUNTED OUTLET BOX 96" AFF WITH A 1/2" CONDUIT CONCEALED IN WALL AND STUBBED OUT 6" ABOVE CEILING FOR DETECTOR CABLING.

SECURITY SYMBOLS LEGEND

note: all symbols do not necessarily appear on drawings

- C — ACCESS CONTROL CARD READER. FLUSH MOUNT IN WALL AT 46" AFF WITH CONDUIT AND CABLING PER NOTE #1.
- B — REMOTE DOOR BUZZER, FLUSH MOUNTED IN DESK CONSOLE FURNISHED BY DIV. 8. PROVIDE MINIMUM 1/2" CONDUIT WITH CABLING BACK TO ACCESS CONTROL HEADEND. NUMBER ADJACENT TO SYMBOL INDICATES DOOR CONTROLLED.
- C — SECURITY INTERCOM SYSTEM DOOR STATION INSTALLED IN SURFACE MOUNTED ENCLOSURE WITH CONDUIT AND WIRING TO MASTER STATION.
- M — SECURITY INTERCOM SYSTEM MASTER STATION INSTALLED AT RECEPTION COUNTER.
- K — SECURITY CONTROL KEYPAD FLUSH MOUNTED IN WALL WITH KEYPAD CABLING TO SECURITY CONTROL PANEL.
- S — OUTDOOR SPEAKER SIREN, WALL MOUNTED 12' ABOVE FINISH GRADE.
- CP — ACCESS CONTROL SYSTEM CONTROL PANEL. WALL MOUNTED ABOVE CEILING IN ACCESSIBLE LOCATION.
- INTERIOR CCTV CAMERA/LENS IN DOME HOUSING.
- WP — WALL MOUNTED CCTV CAMERA/LENS IN TAMPER PROOF HOUSING. ADJACENT TEXT DENOTES THE FOLLOWING:
  - WP - EXTERIOR, WEATHERPROOF, ENVIRONMENTAL HOUSING. LOCATE 12' AFF UNLESS OTHERWISE NOTED.
  - HD - HEAVY DUTY HOUSING.
  - PTZ - PAN/TILT/ZOOM.
  - FLUSH - FLUSH MOUNTED HOUSING.
  - OCM - OUTSIDE CORNER MOUNT BRACKET.
- SEC — SECURITY SYSTEM CONTROL PANEL.
- LARGE AREA MOTION DETECTOR FLUSH MOUNTED IN CEILING WITH DETECTOR CABLING TO CONTROL PANEL.
- SMALL AREA MOTION DETECTOR SURFACE MOUNTED ON WALL WITH DETECTOR CABLING TO CONTROL PANEL.
- WIDE ANGLE MOTION DETECTOR SURFACE MOUNTED ON WALL WITH DETECTOR CABLING TO CONTROL PANEL.
- CORRIDOR MOTION DETECTOR SURFACE MOUNTED ON WALL DETECTOR CABLING TO CONTROL PANEL.
- GB — GLASS BREAK SENSOR CEILING MOUNTED WITH CABLING TO CONTROL PANEL.
- RX — PASSIVE INFRARED REQUEST TO EXIT DEVICE, CEILING MOUNTED. IN SPACES WITH CEILINGS HIGHER THAN 10' AFF OR NO ACCESSIBLE CEILING, WALL MOUNT AT 10' AFF. PROVIDE WIRE GUARD WHERE SUBJECT TO DAMAGE. NOTE 1.
- DPS — MAGNETIC DOOR POSITION SWITCH FLUSH MOUNTED IN DOOR FRAME. NOTE 1.
- ES — ELECTRIC STRIKE, WITH INTEGRAL LATCH BOLT MONITOR, FURNISHED AND INSTALLED ON DOOR FRAME OR MULLION. NOTE 1, NOTE 2.
- ML — MAGNETIC LOCK, WITH ATTACHMENT HARDWARE FASTENED TO DOOR HEAD. NOTE 1.

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SA&E PROJECT NUMBER	01-615-057
BID PACKAGE / PHASING	BP-1
ISSUED FOR CONSTRUCTION	10/15/2019

REVISIONS

R #	Doc #	Date

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FRANKLIN, GEORGIA

ELECTRICAL LEGENDS

STATE OF GEORGIA — GREGORY SCHUMACHER — CERTIFICATE NO. RA010... — REGISTERED ARCHITECT

GEORGIA — REGISTERED — No. 27857 — PROFESSIONAL ENGINEER — FRANK E. CAMPO, JR.

DRAWING NUMBER

E001

ORIGINAL SHEET SIZE: ARCH E1 (30" X 42")