| | @ A ABV. | AT AMPERE ABOVE | | DIA. DIC. DISC. | DIAMETER DICTATION DISCONNECT | ILL. IMC J.B. | ILLUMI INTERI JUNCT | INATION IMEDIATE METAL CONDUIT FION BOX IOLT AMPERE |
|--|---|---|---|---|--|--|---|---|
| | AE. AF A.F.C. | AERIAL ELECT AMP FRAME ABOVE FINISH | TRIC HED CEILING | DIST. DWG. E | DISTRIBUTION DRAWING EMERGENCY | KVA. KW. KWH. | KILOV KILOW KILOW | ULT AMPERE VATT VATT HOUR NING ARRESTER |
| | A.F.F. A.I.C. A.W.C. | ABOVE FINISH AMPERE INTE AMPERE WITH | IED FLOOR RRUPTING CAPACITY ISTAND CAPACITY | EA. E.C. EHH. | EACH ELECTRICAL CONTRACTOR ELECTRICAL HANDHOLE | L.A. LP L.I.M. | LIGHTI | NING ARRESTER NING PROTECTION SOLATION MONITOR |
| | AI. ALT. AM | ALUMINUM ALTERNATE AMMETER | | ELEC. ELEV. EMERG. | ELECTRICAL ELEVATOR EMERGENCY | L.U. LSIG* | LOGS LONG, GROU | SHORT, INSTATANIUS TIME & |
| | AMP. ANNUN. ANT. | AMPERE ANNUNCIATOI ANTENNA | R | EMH. EMT ENCL. | ELECTRICAL MANHOLE ELECTRICAL METALLIC TUBING ENCLOSURE | L.S. LT. LTG. | LIGHT | ING |
| | A.S. A.T. A.T.C. | AMMETER SW AMP TRIP AUTOMATIC T | /ITCH | e.o. e.r. equip. | ELECTRICALLY OPERATED EXISTING RELOCATED EQUIPMENT | L.V. MC M.C.B. | LOW V METAL MAIN (| /OLTAGE L-CLAD (CABLE) CIRCUIT BREAKER |
| | A.T.S. AUX. B.D. | AUTOMATIC T AUXILIARY BUS DUCT | RANSFER SWITCH | E.W.C. EX. F. | ELECTRIC WATER COOLER EXISTING TO REMAIN FUSE(D) | M.C.C. M.C.P. MFR. | MOTO MOTO MANUI | R CONTROL CENTER R CONTROL PROTECTOR FACTURER |
| | B.I.L. BKBD. BKR. | BASIC IMPULS BACKBOARD BREAKER | SE LEVEL | F/A F.A.T.B E B O | FIRE ALARM FIRE ALARM TERMINAL BOX | MIN. | MANHO | |
| | BLDG. BSMT. C. | BUILDING BASEMENT CONDUIT | | F.B.O. FDR. F.H.C. | FEEDER FIRE HOSE CABINET | M.O. M.S.P. MTD. | MOTO MOTO MOUN | R STARTER PANEL |
| | CAB. C/B CBL. | CABINET CIRCUIT BREA CABLE | AKER | FL. FLUOR. FLS | FLOOR FLUORESCENT FLOW SWITCH | N.C. N.C. N.I.C. | NORM | AL INGNOI EN SWITCH IALLY CLOSED N CONTRACT |
| | CDT. CKT. CLG. | CIRCUIT CEILING | | FSD FUT. GA. | FIRE SMOKE DAMPER FUTURE GAUGE | N.T.S. O.C. | NOT TO ON CE | O SCALE INTER DOUIT DEEAKED |
| | CONN. CONST. | CONNECTION | ON MANAGER | G.C. G.F.I. G.F.S.C. | GENERAL CONTRACTOR GROUND FAULT INTERRUPTER GROUND FAULT SENSING RELAY COIL | 0.0.8. 0.C.P. 0.S.&Y | OVERO OVERO | CURRENT PROTECTION STEM AND YOKE |
| | CONT. CONTR. C.T. | CONTRACTOR CURRENT TRA | R ANSFORMER | GND. HH. H.I.D. | GROUND HANDHOLE HIGH INTENSITY DISCHARGE | F. PB P.C. PE | PULL E PULL E PLUME | BOX BING CONTRACTOR |
| | DEMO. D.C. | DEMOLITION DIRECT CURR | RENT | horz. H.p. ht. | HORIZONTAL HORSEPOWER HEIGHT | PH. P.L. PNL. | PHASE PILOT PANEL | E LIGHT |
| | | | | H.V. HVAC HWP | HIGH VOLTAGE HEATING, VENTILATING, AIR CONDITIO HOSPITAL GRADE RECEPTACLE WITH WEATHER PROOF COVER | DNING PRI. P.S. P.S.I. | Prima Pull S Pouni | NRY STATION DS PER SQUARE INCH |
| NERAL ELECTRICAL NOTE | ES | | | | MOUNTING HEI | GHTS | | |
| . THIS IS A STANDARI APPEAR ON THE FL PLANS ARE USED FO | D SYMBOL LIST. ALL DEVIC OOR PLANS OR DETAIL SH OR THIS PROJECT. ALL OTI | CE SYMBOLS AND A EET. ONLY THOSE HERS ARE TO BE C | ABBREVIATIONS MAY NOT N SYMBOLS INDICATED ON T CONSIDERED NOT USED AN | IECESSARILY HE FLOOR D SHOULD BE | | 9" BELOW | | WALL-MOUNTED CLOCKS, PRC |
| DISREGARDED. REFER TO DIVISION | 26 & 28 SPECIFICATIONS S | SECTIONS. | | | | HINISH CEILING 10'-0" | — | ILLUMINATED FIRE SIGNALS (C BATTERY LIGHTING UNITS ANE HEADS (OR 1'-0" BELOW FINISH |
| DIMENSIONS MARKI SCALE, ALL OTHERS DRAWINGS AND VE | ED "+/-" ARE TO BE VERIFIE S ASSUMED TO BE CORREC RIFIED BY THE CONTRACT(| ED IN THE FIELD. TH CT AND SHOULD BI OR. | HOSE MARKED N.T.S. ARE S E CHECKED WITH OTHER TI | HOWN NOT TO RADE | | 8'-6" CENTERED | | PENDANT-HUNG INDUSTRIAL A |
| FOR EXACT LOCATI | ON OF REMOVABLE PARTI AND OTHER TASK LIGHTII | TIONS, FOR MOUN NG, REFER TO ARC | TING HEIGHT OF UNDER-CC CHITECTURAL DRAWINGS. | UNTER | | ABOVE DOOR OR WINDOW OPENING | | |
| CONTRACTOR SHAL | L VERIFY ALL DOOR SWIN | GS BEFORE INSTA | LLING SWITCH BOXES. FOR AN DRAWINGS. | EXACT | | 7'-6" | - | or 6" Below Finished Ceilin Audible Fire Alarm Signal I |
| ELECTRICAL CONTR FIXTURES IN MECH/ | RACTOR SHALL COORDINA ANICAL AND STORAGE ARE | TE THE EXACT LOC EAS WITH OTHER T | CATION OF SUSPENDED LIG RADES. | HTING | | 6'-8" | | OR 6" BELOW FINISHED CEILIN VISUAL FIRE ALARM SIGNAL DE AUDIBLE/VISUAL FIRE ALARM S |
| FOR EXACT LOCATI TO RESPECTIVE TR | ON AND RATING OF MECH ADE'S DRAWINGS. | ANICAL EQUIPMEN | T (AC UNITS, FANS, PUMPS, | ETC.) REFER | | 6'-6" 6'-3" | | TOP OF FLUSH AND SURFACE OR POWER PANELBOARDS AN TOP OF BACK-MOUNTED WALL |
| REFER TO DIVISION | 22 & 23 SPECIFICATIONS | FOR REQUIRED CO | DNTROL WIRING OF EQUIP | /ENT. ROSSING | | 6'-0" | _ — | ABOVE DOORS). TOP OF HIGHEST ELECTRICAL MAGNETIC STARTERS, CONTA |
| CONSTRUCTION OR FITTING SECTIONS | EXPANSION JOINTS, REFE SHALL BE MADE ELECTRIC MEANS. | ER TO STRUCTURA CALLY CONTINUOU | AL DRAWINGS FOR LOCATIO | n of Joints. Jumpers or | | 4'-6" | _ _ | WALL-MOUNTED TELEPHONES |
| . UNLESS INDICATED EQUIPMENT ROOMS FLOOR-TO-CEILING | OTHERWISE ALL PANELS, S SHALL BE MOUNTED ON S AS REQUIRED, STRUCTUR | CABINETS, AND TH STRUCTURAL CHAI AL SLAB-TO-SLAB. | HE LIKE, IN ELECTRIC CLOS NNEL FRAMING AND FRAME | ETS OR D | | 4'-0" | — | LOCATIONS) AND TOILET ROOI WALL MOUNTED ELECTRICAL I STARTERS, THERMOSTATS, FII |
| 1. WIRE AND CONDUIT THE ELECTRICAL CO | SIZE IN SCHEDULES AND . ONTRACTOR MAY INSTALL | AS SHOWN ON DR. MULTIPLE CIRCUIT | AWINGS ARE FOR REFEREN TS IN A SINGLE RACEWAY V | ICE ONLY. /HERE | | 3'-6" | —— | AND WIREMOLD ELECTRICAL RECEPTACLES TELEPHONE OUTLETS |
| PRACTICABLE. PRO CODE. | | | NCE WITH THE NATIONAL E | | | 2'-0" | - | ELECTRICAL RECEPTACLES W AND ELEVATOR ROOMS. |
| THE OWNER'S INST | D SHALL BECOME PROPER RUCTIONS, UNLESS INDICA COMMER SHALL BE REMON | ATED OTHERWISE. | ALL ITEMS WHICH ARE NOT | TO BE | | 18" | ——— | ELECTRICAL RECEPTACLES TELEPHONE OUTLETS |
| EXPENSE. | I OWNER SHALL DE REMO | VED FROM THE BU | IILDING IMMEDIATELY, AT C | ONTRACTORS | | | | TELEVISION OUTLETS |
| 3. USE OF THE OWNEF EQUIPMENT AND M WITH THEIR OPERA | R'S ELEVATORS AND BUILD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TI | UILDING IMMEDIATELY, AT C FOR HANDLING OF THE REN HE OWNER AND SHALL BE (| ONTRACTORS | | 00" | | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR |
| STORED ON SITE BY EXPENSE. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION (| OR HANDLING OF THE REN FOR HANDLING OF THE REN HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F | ONTRACTORS | | 00" GHT NOTES: | | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR |
| USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SU | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE | UILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE (PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." | OVED COORDINATED RTY ON THE JOB IRE, THEFT | MOUNTING HEI 1. M M | 00" GHT NOTES: OUNTING HEIGHTS TO CE ASONRY CONSTRUCTION FEERENCE TO NEAREST | | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR TLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US |
| USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SITE. WHERE USED, THE SHAL CONDUCTORS SHAL | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F TAL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL | UILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEU | IOUED COORDINATED RTY ON THE JOB IRE, THEFT | MOUNTING HEIG 1. Mu RE 2. Mu | 00" GHT NOTES: OUNTING HEIGHTS TO CE ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR TLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. |
| USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE ALL CIRCUITS SHAL CONDUCTORS SHAI HORIZONTAL CROS UNLESS ALLOWED I | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/O N SPECIFIC INSTANCES, B' | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | OR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." CONDUCTOR. SHARED NEU | IOUED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL | MOUNTING HEIG 1. Mi Mi RE 2. Mi NG | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR TLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV |
| STORED ON SITE BY EXPENSE. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SITE. OWNER ASSU AND ENVIRONMENT ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL UNLESS ALLOWED I | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/A N SPECIFIC INSTANCES, B' | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | OR HANDLING OF THE REM HE OWNER AND SHALL BE OPING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." CONDUCTOR. SHARED NEU | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL | MOUNTING HEI 1. M M RE 2. M NO M 3. A C/ CO | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIO ASEWORK. A - BESIDE A OUNTER OR CASEWORK. | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDIC/ COORDINATE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR TLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . |
| STORED ON SITE BY EXPENSE. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE SITE. WHERE USED, THE SITE. ALL CIRCUITS SHAL CONDUCTORS SHAL HORIZONTAL CROSS UNLESS ALLOWED I PMENT NAMING CONVENS 4E-L1 MULTIPLE PANELE | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION | OR CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEU TITIONS SHALL NOT BE PERI | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, | MOUNTING HEI 1. M M M RE 2. M N N M 3. A C/ CC C/ CC C/ C/ C/ C/ C/ C/ C/ | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTH OUNTING SHALL BE COO + BESIDE A DEVICE INDIO ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDIC/ COORDINATE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY IE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROSS UNLESS ALLOWED I PMENT NAMING CONVENT -4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST | OING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." CONDUCTOR. SHARED NEU TITIONS SHALL NOT BE PERI | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL WITTED, | MOUNTING HEI 1. M M R 2. M N N N N N N N N N N N N N | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREL ERWISE ON TH RDINATED WIT CATES THAT DR DEVICE INDICA COORDINATE COORDINATE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . |
| STORED ON SITE BY EXPENSE. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE WHERE USED, THE ALL CIRCUITS SHAL CONDUCTORS SHAL CON | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R | OR CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." CONDUCTOR. SHARED NEU TITIONS SHALL NOT BE PERI | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL WITTED, | MOUNTING HEI 1. M M R 2. M N N N N N N N N N N N N N | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIO ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWER HERE CONDUCTORS RUI | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE COORDINATE COORDINATE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROSS UNLESS ALLOWED I PMENT NAMING CONVEN -4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD | OING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PERI R (AS REQUIRED) | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, | MOUNTING HEI 1. Mu M 2. Mu NG 3. A C/ CIRCUITING NO 1. CO 2. W 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CHASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWER HERE CONDUCTORS RUI 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DI DEVICE INDIC/ COORDINATE COORDINATE R CIRCUITS SH NS ARE LONG, DA POWER CIR | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY IE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN -4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD | OR CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT C FOR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PERI R (AS REQUIRED) | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, | MOUNTING HEI 1. M M R 2. M N N 3. A C/ CIRCUITING NO 1. CO 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIO ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWER HERE CONDUCTORS RUI 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A C 2.1 CIRCUITS EXCEEDING 2.1 CIRCUITS EXCEEDING 2.1 CIRCUITS EXCEEDING 2.1 CIRCUITS EXCEEDING | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE COORDINATE R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 150 LINEAR F G 250 LINEAR F | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS. HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT CA | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEI 1. M M R 2. M N N N N N N N N N N N N N | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHH OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWER (HERE CONDUCTORS FOR POWER) 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWER) 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDI | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DI DEVICE INDIC/ COORDINATE R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 250 LINEAR F G 250 LINEAR F CORDITS: G 170 LINEAR F C 275 LINEAR F | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROSS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY UPS: UNINTERRUE | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT CA | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, | MOUNTING HEI 1. M M R 2. M N N 3. A C/ CIRCUITING NO 1. CO 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CP ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHP OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWER HERE CONDUCTORS FOR POWER (HERE CONDUCTORS FOR POWER) 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A CP 2.1 CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CP 3. 208V, 1-PHASE, 20A CP 3. 208V, 1-PHASE, 20A CP 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. 208V, 3-PHASE, 20A CP | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDIC/ COORDINATE COORDINATE R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 150 LINEAR F G 250 LINEAR F G 275 LINEAR F G 425 LINEAR F G 425 LINEAR F G 425 LINEAR F G 425 LINEAR F CUITS: | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I 1: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY ELS | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | ILDING IMMEDIATELY, AT C | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEI 1. M M 2. M 2. M 3. A C/ CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS RUI 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI HERE CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A C 2.1 CIRCUITS EXCEEDING 2.2 CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 3-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDIN | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: E | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD Y LIFE SAFETY Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T DN PANELBOARD CIRCUIT BREAKER | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | PILDING IMMEDIATELY, AT CA | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEI 1. M M 2. M N 3. A C/ CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CE ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEI (HERE CONDUCTORS FOR POWEI (HERE CONDUCTORS FOR POWEI (HERE CONDUCTORS FOR POWEI (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI (2.1 CIRCUITS EXCEEDING (2.2. CIRCUITS EXCEEDING (2.2. CIRCUITS EXCEEDING (2.3. CIRCUITS EXCEEDING (3. 208V, 1-PHASE, 20A CI (3.1. CIRCUITS EXCEEDING (3.2. CIRCUITS EXCEEDING (3.3. CIRCUITS EXCEEDING | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DI DEVICE INDIC/ COORDINATED COORDINATE COORDINATE S R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 150 LINEAR F G 250 LINEAR F G 275 LINEAR F G 200 LINEAR F G 300 LINEAR F G 500 LINEAR F G 500 LINEAR F G 500 LINEAR F | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA THE CONTRACTOR I SITE. OWNER ASSU AND ENVIRONMENT WHERE USED, THE I ALL CIRCUITS SHAL CONDUCTORS SHAI ALL CIRCUITS SHAL CONDUCTORS SHAI HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY EQUIPMENT TYPE | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LI NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR L FLOOR TILITY YARD Y LIFE SAFETY Y LEGALLY REQUIRED STAIL Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD CIRCUIT BREAKER S ILTER ANELBOARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | ILDING IMMEDIATELY, AT C | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEN 1. M M 2. M N 3. A C/ CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI (HERE CONDUCTORS FOR POWEI 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 4.2 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE COORDINATE R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 250 LINEAR F G 250 LINEAR F G 275 LINEAR F G 275 LINEAR F G 275 LINEAR F G 200 LINEAR F G 300 LINEAR F C 300 LINEAR F | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT RCUITS SHALL BE SIZED FOR VOLT RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 1: FOURTH FLO 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 1: NORMAL E: EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSDUCT BP: BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSDUCT BP: BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO ECB: ENCLOSED O GEN: GENERATOF HE: HARMONIC F LP: LIGHTING CO PP: POWER/REC SWITCHBOA COR P: POWER/REC SWITCHBOA | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST OOR R DOR L FLOOR TILITY YARD Y LIFE SAFETY Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T NANSFER SWITCH T NANSFER SWITCH T NANSFER SWITCH T NANSFER SWITCH T NANSFER SWITCH T S PANELBOARD DNTROL PANEL EPTACLE PANELBOARD RD MED | VED FROM THE BU DING CORRIDORS F E DIRECTION OF TH OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. | ILDING IMMEDIATELY, AT C | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEI 1. M M R 2. M N 3. A C/ CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CHASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 2.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3. CIRCUIT | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE DEVICE INDICA COORDINATE CO | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED F E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT RCUITS SHALL BE SIZED FOR VOLT RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR I SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS S | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LI NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD CIFE SAFETY Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD DNTROL PANEL PONER SUPPLY TRANSFER SWITCH T DN PANELBOARD DNTROL PANEL PTIBLE POWER SUPPLY FLOORBOX | VED FROM THE BU DING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF OR ROOM NUMBEF NDBY | PILDING IMMEDIATELY, AT C OR HANDLING OF THE REM HE OWNER AND SHALL BE O PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PER R (AS REQUIRED) R (AS REQUIRED) | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - | MOUNTING HEIM 1. MM MM 2. MM 3. A CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEH (HERE CONDUCTORS FOR POWEH (HERE CONDUCTORS FOR POWEH (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEH (2.1. CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 2.3. CIRCUITS EXCEEDING 3.2 08V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.2. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.4. 208V, 1-PHASE, 30A CI 7.1. CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FO | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAW EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCT CONSTRUCT CONS | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD CORL FLOOR TILITY YARD CIRCUIT BREAKER S'ILFE SAFETY Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH TRANSFER SWITCH TRANSFER SWITCH TRANSFER SWITCH TRANSFER SWITCH SEPTACLE PANELBOARD DIROL PANEL SEPTACLE PANELBOARD NTROL PANEL SEPTACLE PANELBOARD CIRCUIT BREAKER S'ILTER NELBOARD DITROL PANEL SEPTACLE PANELBOARD CIRCUIT BREAKER S'ILTER STIBLE POWER SUPPLY FLOORBOY G G POWER DATA | | PILDING IMMEDIATELY, AT CA FOR HANDLING OF THE REM HE OWNER AND SHALL BE CA PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PERA R (AS REQUIRED) R (AS REQUIRED) | IOUED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - - - - - - - - - - - | MOUNTING HEIR 1. M 2. M 3. A CIRCUITING NO 1. 1. CI 2. W 3. A CIRCUITING NO 1. 1. CC 2. W 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI (HERE CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 C.1. CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 2.3. CIRCUITS EXCEEDING 3.2 08V, 1-PHASE, 20A CI 2.1. CIRCUITS EXCEEDING 3.2 08V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2 CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4.2 ORV, 1-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4.2 CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2 ORV, 1-PHASE, 30A CI 4.1. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS 6. 30-AMP CI | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE COORDINATE S COORDINATE S COORDINATE COORDINATE S COORDINATE S COORDINATE S COORDINATE S COORDINATE S COORDINATE S COORDINATE S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COUITS: S C COORDINE S S COUITS: S C COORDINE S S C COORDINE S S C COORDINE S S C C C C C C C C C C C C C C C C C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 5. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCT SECOND FLOO CONTROLOTION CONTRACTION POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY E | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL ME L BE PROVIDED WITH A SE LI NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION 30ARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST OOR R DOR L FLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF ANG QUANTI A A/V 0 0 0 | PING OF THEIR OWN PROPE PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NEU TITIONS SHALL NOT BE PERI R (AS REQUIRED) | IOUED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEI 1. MM R 2. MM 3. A C/ CIRCUITING NO 1. CC 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CR ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHR OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWER 'HERE CONDUCTORS FOR POWER 'HERE CONDUCTORS FOR 20 C1. 120V, 1-PHASE, 20A CC 2.1 120V, 1-PHASE, 20A CC 2.1 120V, 1-PHASE, 20A CC 2.1 CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CC 3. 208V, 1-PHASE, 20A CC 3. 208V, 1-PHASE, 20A CC 3. 208V, 3-PHASE, 20A CC 4. 208V, 1-PHASE, 20A CC 4. 208V, 1-PHASE, 20A CC 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CC 4. 208V, 3-PHASE, 20A CC 4. 208V, 3-PHASE, 30A CC 8. 208V, 1-PHASE, 30A CC 8. 208V, 1-PHASE, 30A CC 8. 208V, 1-PHASE, 30A CC 9. 208V, 3-PHASE, 30A CC 10. MULTERE CURVENENT | ENTER OF OUT ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM. FEET SHALL BE #8 AWG, MINIMUM. |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 5. WHERE USED, THE 5. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: THIRD FLOO A: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGEN | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD Y LIFE SAFETY / LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD DNTROL PANEL EPTACLE PANELBOARD R PTIBLE POWER SUPPLY FLOORBOD R ONTROL PANEL EPTACLE PANELBOARD R ONTROL PANEL EPTACLE PANELBOARD CIRCUIT BREAKER R T T T T T T T T T T T T T | VED FROM THE BU DING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF ANG QUANTI A A/V A O 0 1 1 1 | R AS REQUIRED R (AS REQUIRED) | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEIR 1. MM 2. MM 3. A CIRCUITING NO CIRCUITING NO 1. CC 2. W 3. A CIRCUITING NO 1. CC 2. W 5. 5. 5. < | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 C.1. CIRCUITS EXCEEDIN C.2. CIRCUITS EXCEEDIN C.2. CIRCUITS EXCEEDIN C.3. 208V, 1-PHASE, 20A CI C.1. CIRCUITS EXCEEDIN C.2. CIRCUITS EXCEEDIN C.3. CIRCUITS EXCEEDIN C.3. CIRCUITS EXCEEDIN C.3. CIRCUITS EXCEEDIN C.4. 208V, 3-PHASE, 20A CI C.4. CIRCUITS EXCEEDIN C.5. FOR CIR | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COUL ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN -4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' ELR: EMERGENC' EQUIPMENT TYPE ATS: AUTOMATIC BP: BUSPLUG DISC: DISCONNEC DS: UNINTERRUI EQUIPMENT TYPE ATS: AUTOMATIC BP: BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIC ECS: SWITCHBOA TX: TRANSFORM UPS: UNINTERRUI EQUIPMENT TYPE | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD Y LIFE SAFETY Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD DNTROL PANEL EPTACLE PANELBOARD R ONTROL PANEL PTIBLE POWER SUPPLY FLOORBOD MER PTIBLE POWER SUPPLY FLOORBOD MER PTIBLE POWER SUPPLY FLOORBOD MER PTIBLE POWER SUPPLY FLOORBOD A 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 | C POKETHE AN THE ENGINEER OR THE SAFEKEEF FOR PROTECTION OF THE COR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBER OR ROOM NUMBER ANG QUANTI A A/V A O 0 1 1 1 5 0 0 | R (AS REQUIRED) R (AS | ICOL DONTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEM 1. MM 2. MM 3. A CIRCUITING NO CIRCUITING NO 1. CC 2. W 3. A CIRCUITING NO 1. CIRCUITING NO 1. CIRCUITING NO 5. 5. 5. S. 5. </td <td>00" GHT NOTES: OUNTING HEIGHTS TO CHASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20. CIRCUITS EXCEEDING 2.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 2. CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 2. CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6.</td> <td>ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE S R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 200 LINEAR F G 200 LINEAR F G 200 LINEAR F G 300 LINEAR F G 300 LINEAR F G 300 LINEAR F G 300 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 150 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 150 LI</td> <td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS. HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLTA RCUITS SHALL BE SIZED FOR VOLTA RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td> | 00" GHT NOTES: OUNTING HEIGHTS TO CHASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL L 20. CIRCUITS EXCEEDING 2.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 2. CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 4. 208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 2. CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE S R CIRCUITS SH NS ARE LONG, DA POWER CIR CIRCUITS: G 100 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 200 LINEAR F G 200 LINEAR F G 200 LINEAR F G 300 LINEAR F G 300 LINEAR F G 300 LINEAR F G 300 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 150 LINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 150 LI | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS. HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLTA RCUITS SHALL BE SIZED FOR VOLTA RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 5. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVEN 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 1: EMERGENCY EXERCISE N: NORMAL E: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSDUCT BP: BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSDUCT BP: BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO ECD: ENCLOSED O GEN: GENERATOF HF: HARMONIC FL LP: LIGHTING CO PP: POWER/REC SS: SWITCHBOA TX: TRANSFORM UPS: UNINTERRUI EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSPLUG DISC: DISCONNECT DP: DISTRIBUTIO ECD: SWITCHBOA TX: TRANSFORM UPS: UNINTERRUI 2 2 2 2 2 2 2 2 2 2 2 2 2 | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD Y Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD DNTROL PANEL EPTACLE PANELBOARD CIRCUIT BREAKER S FILTER NEBOARD DNTROL PANEL EPTACLE PANELBOARD CIRCUIT BREAKER S FILTER NEBOARD DNTROL PANEL PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY A A A A A A A A A A A A A | VED FROM THE BU DING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF OR ROOM NUMBEF ANG QUANTI A /V O O NDBY | FOR HANDLING OF THE REM FOR HANDLING OF THE REM HE OWNER AND SHALL BE OF PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F D INSTALL." . CONDUCTOR. SHARED NED TITIONS SHALL NOT BE PER R (AS REQUIRED) | OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEIR 1. MM 2. MM 3. A CIRCUITING NO CIRCUITING NO 1. CC 2. W 5. 5. 5. <td>00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI AL 208V, 1-PHASE, 20A CI 3.1 CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 4.1 CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. F</td> <td>ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C</td> <td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td> | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI AL 208V, 1-PHASE, 20A CI 3.1 CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 4.1 CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 1-PHASE, 30A CI 4. 1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. F | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR S SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROSS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO 12: SECOND FLO 13: THIRD FLOO 14: FOURTH FLO 15: EMERGENCY ELS: EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC BD BUSDUCT BY BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO EQUIPMENT TYPE ATS: AUTOMATIC BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO EQUIPMENT TYPE ATS: AUTOMATIC BUSPLUG DISC: DISCONNEC DP: DISTRIBUTIO EQUIPMENT TYPE ATS: AUTOMATIC BY N: NORMAL E: EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC BY 0 SUNINTERRUF 4 10 10 10 10 10 10 10 10 10 10 | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL ME L BE PROVIDED WITH A SE LI NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR FLOOR TILITY YARD | VED FROM THE BU VING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF ANG QUANTI A/V O <t< td=""><td>RUSCHEDULE TY BLANK CONDUCTOR SHARED R CAS REQUIRED R R C S C S C S C S C S C S C S C S C S</td><td>LEGRANI WITTED, - - - - - - - - - - - - - - - - - - -</td><td>MOUNTING HEIM 1. MM 2. MM 3. A CIRCUITING NO A 1. CC 2. MM 3. A CIRCUITING NO A 1. CC 2. W 5. S. 5.</td><td>00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 CIRCUITS EXCEEDIN 2.2. CIRCUITS EXCEEDIN 2.3. CIRCUITS EXCEEDIN 2.3. CIRCUITS EXCEEDIN 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDIN 3.2. CIRCUITS EXCEEDIN 3.2. CIRCUITS EXCEEDIN 3.3. CIRCUITS EXCEEDIN 3.3. CIRCUITS EXCEEDIN 4.2. ORV , 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDIN 3.1. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.4. 208V, 1-PHASE, 30A CI 4.2. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.4. 208V, 1-PHASE, 30A CI 4.4. 208V, 1-PHASE, 30A CI 4.5. CIRCUITS EXCEEDIN 4.5. CIRCUITS EXCEE</td><td>ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE COORDINATE S COORDINATE COORDINATE S COORDINATE COORDINATE S COORDINE S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S C C C C C C C C C C C C C C C C C</td><td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td></t<> | RUSCHEDULE TY BLANK CONDUCTOR SHARED R CAS REQUIRED R R C S C S C S C S C S C S C S C S C S | LEGRANI WITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEIM 1. MM 2. MM 3. A CIRCUITING NO A 1. CC 2. MM 3. A CIRCUITING NO A 1. CC 2. W 5. S. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 CIRCUITS EXCEEDIN 2.2. CIRCUITS EXCEEDIN 2.3. CIRCUITS EXCEEDIN 2.3. CIRCUITS EXCEEDIN 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDIN 3.2. CIRCUITS EXCEEDIN 3.2. CIRCUITS EXCEEDIN 3.3. CIRCUITS EXCEEDIN 3.3. CIRCUITS EXCEEDIN 4.2. ORV , 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDIN 3.1. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.4. 208V, 1-PHASE, 30A CI 4.2. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.1. CIRCUITS EXCEEDIN 4.2. CIRCUITS EXCEEDIN 4.3. CIRCUITS EXCEEDIN 4.4. 208V, 1-PHASE, 30A CI 4.4. 208V, 1-PHASE, 30A CI 4.5. CIRCUITS EXCEEDIN 4.5. CIRCUITS EXCEE | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE COORDINATE S COORDINATE COORDINATE S COORDINATE COORDINATE S COORDINE S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S COORDINE S S C C C C C C C C C C C C C C C C C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTEI MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR IS SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE IS 6. ALL CIRCUITS SHAL CONDUCTORS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOI 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EM | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL ME L BE PROVIDED WITH A SELL NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION BOARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST DOR R DOR L FLOOR TILITY YARD Y / LIFE SAFETY / LEGALLY REQUIRED STAIL / OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD DNTROL PANEL EPTACLE PANELBOARD RD CIRCUIT BREAKER R TIDE TRANSFER SWITCH T N PANELBOARD DNTROL PANEL EPTACLE PANELBOARD RD ALER PTIBLE POWER SUPPLY FLOORBOY T 1 1 1 1 1 1 1 1 1 1 1 1 1 | VED FROM THE BU DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANE PARATE NEUTRAL OR CABLE IN PARTY Y THE ENGINEER. OR ROOM NUMBEF OR ROOM NUMBEF SANG QUANTI A A/V O | R AS AT | DUTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEIR 1. MR 2. MR 3. A CIRCUITING NO 1. 1. CR 2. W 5. 5. <td>00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR IL 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 2. CIRCUITS EXCEEDING 2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1. CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCUITS EXCEEDING 1.6. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.1. CIRCUITS EXCEEDING 1.1. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. EMERGENCY CIRCUITS EXCERCUITS EXCEEDING 1.4. EMERGENCY CIRCUITS EXCERCUITS EXCERCUITS EXCEEDING 1.5. CIRCUITS</td> <td>ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C</td> <td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTED MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td> | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR IL 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 2. CIRCUITS EXCEEDING 2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1. CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCUITS EXCEEDING 1.6. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.7. CIRCUITS EXCEEDING 1.1. CIRCUITS EXCEEDING 1.1. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. EMERGENCY CIRCUITS EXCERCUITS EXCEEDING 1.4. EMERGENCY CIRCUITS EXCERCUITS EXCERCUITS EXCEEDING 1.5. CIRCUITS | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FLETS UNLESS OTHERWISE NOTED MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS . HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR I SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 4 4 4 4 4 4 4 4 4 4 4 4 4 | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI- MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD Y L IFE SAFETY L LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD TRANSFER SWITCH T NELBOARD DNTROL PANEL EPTACLE PANELBOARD DNTROL PANEL EPTACLE PANELBOARD DNTROL PANEL EPTACLE PANELBOARD NTROL PANEL PTIBLE POWER SUPPLY | VED FROM THE BU DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART YTHE ENGINEER. OR ROOM NUMBEF ANG QUANTI A/V O | FOR HANDLING OF THE REM FOR HANDLING OF THE REM PING OF THEIR OWN PROPE O INSTALL." CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PERI R (AS REQUIRED) R AS REQUIRED) | LEGRANI WITTED, LEGRANI WITTED, - - - - - - - - - - - - - | MOUNTING HEIM 1. M 2. MM 3. A CIRCUITING NO 1. CC CIRCUITING NO 1. CC 2. W 3. A C/CC C CIRCUITING NO 1. CC C 2. W 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. S. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL 'HERE CONDUCTORS RUL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 'HERE CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A CI 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 2.3. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2 08V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8.1. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8.1. CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 8.1. CIRCUITS EXCEEDING 8.2. CIRCUITS EXCEEDING 8.2. CIRCUITS EXCEEDING 9. 208V, 3-PHASE, 30A CI 9. 208V, 1-PHASE, 30A CI 9. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 1-PHASE, 30A CI 9. 208V, 1-PHASE, 30A CI 9. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 1-PHASE, 1-PHASE, 208V, 1-PHASE, 300 CI 9. 20 | ENTER OF OUT N THE ABOVE M BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: COORDINE CONTS: CONTS: COORDINE CONTS: C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR : SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE : 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOD 2: SECOND FLO 3: THIRD FLOO 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY ELS: EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC B: BUSDUCT B: BUSDUCT | RS ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR LFLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF PARATE NEUTRAL OR CABLE IN PARTY YTHE ENGINEER. OR ROOM NUMBEF OR ROOM NUMBEF ANG QUANTI A A/V O | R AS AU A A A CONDUCTOR. SHARED NED A A | DUTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, - - - - - - - - - - - - - - - - - - - | MOUNTING HEIM 1. M 2. M 3. A CIRCUITING NO A 1. CIRCUITING NO 1. CIRCUI | 00" GHT NOTES: OUNTING HEIGHTS TO CLASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHIO OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL (1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL (2. 1 120V, 1-PHASE, 20A CL (2. 1 120V, 1-PHASE, 20A CL (3. 208V, 1-PHASE, 20A CL (3. 208V, 1-PHASE, 20A CL (3. 208V, 1-PHASE, 20A CL (3. 2. CIRCUITS EXCEEDING (3. 208V, 1-PHASE, 20A CL (3. 208V, 1-PHASE, 20A CL (3. CIRCUITS EXCEEDING (3. 208V, 1-PHASE, 30A CL (3. | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE COORDINE COORDIN | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILTS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. ROUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 5. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4E-L1 MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1: FIRST FLOOD 2: SECOND FLO 3: THIRD FLOOD 4: FOURTH FLO M: MECHANICA YARD: EXTERIOR U POWER SYSTEM N: NORMAL E: EMERGENCY ELS: MICHONATIC B: BUSDUCT B: BUSDUCT B: BUSDUCT B: BUSPLUG DISC: DISCONNEC DISC DISCONNEC DE: DISTRIBUTIO ECB: ENCLOSED O GEN: GENERATOF H: HARMONIC F P: POWER/REC SS: SWITCHBOA TX: TRANSFORM UPS: UNINTERRUI EQUIPMENT TYPE ATS: AUTOMATIC B: BUSPLUG DISC: DISCONNEC DISC: DISCONNEC | RS ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUBE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD TRANSFER SWITCH T N PANELBOARD ONTROL PANEL PTIBLE POWER SUPPLY FLOORBOD RD MER PTIBLE POWER SUPPLY FLOORBOD RD MER PTIBLE POWER SUPPLY | VED FROM THE BU DING CORRIDORS F DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF A/V OR ROOM NUMBEF OR ROOM NUMBEF NDBY | RUSCHEDULE R (AS REQUIRED) | LEGRANI WITTED, LEGRANI WITTED, - - - - - - - - - - - - - | MOUNTING HEIR 1. M. 2. M. 3. A. CIRCUITING NO I. 1. CI 1. CI 2. W. 3. A. CIRCUITING NO I. 1. CI 2. W. 5. S. 5. S. S. S. | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEI HERE CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS L 1.CONDUCTORS FOR POWEI L 20-AMP CIRCUITS L 1.CONDUCTORS FOR POWEI L 2.CIRCUITS EXCEEDING 2.CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.208V, 1-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3.208V, 1-PHASE, 30A CI 4.208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 4.208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 4.208V, 1-PHASE, 30A CI 5. FOR CIRCUITS EXCEEDING 4.208V, 1-PHASE, 30A CI 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 6.1. CIRCUITS EXCEEDING 6.2. CIRCUITS EXCEEDING 6.30-AMP CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 6.1. CIRCUITS EXCEEDING 6.2. CIRCUITS EXCEEDING 6.30-AMP CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 7.2. CIRCUITS EXCEEDING 6.30-AMP CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 7.2. CIRCUITS EXCEEDING 6.30-AMP CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 7.2. CIRCUITS EXCEEDING 7.2. CIRCUITS EXCEEDING 7.3. CIRCUITS EXCEEDING 7.4. LIREGENCY CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 7.2. CIRCUITS EXCEEDING 7.2. CIRCUITS EXCEEDING 7.3. CIRCUITS EXCEEDING 7.4. LIREGENCY CIRCUITS 6.1. CONDUCTORS FOR 3 7.120V, 1-PHASE, 30A CI 7.2. CIRCUITS EXCEEDING 7.3. CIRCUITS EXCEEDING 7.4. LIREGENCY CIRCUITS 7.5. CIRCUITS EXCEEDING 7.5. CIRCUITS EXCEEDING 7.5. CIRCUITS EXCEEDING 7.5. | ENTER OF OUT N THE ABOVE M BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE COORDINATE COORDINATE COORDINATE S COORDINEAR F G 150 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 250 LINEAR F G 300 LINEAR F G 150 LINEAR F G 250 LINEAR | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS FUTH ARCHITECTURAL DETAILS FLET SHALL BE SIZED FOR VOLT. ROUITS SHALL BE SIZED FOR VOLT. ROUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER 4. THE CONTRACTOR ISITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 6. ALL CIRCUITS SHAL CONDUCTORS SHAIL 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT -4E-L1 MULTIPLE PANELE BUILDING FLOOR I -4E-L1 MULTIPLE PANELE BUILDING FLOOR I -2. SECOND FLO 3. THRD FLOO 4. FOURTH FLO MULTIPLE PANELE BUILDING FLOOR I L: LOWER LEVE 1. LOWER LEVE 1. FIRST FLOOD 2. SECOND FLO 3. THIRD FLOO 4. FOURTH FLO MS. NORMAL E. EMERGENCY EQUIPMENT TYPE ATS: AUTOMATIC BD: BUSDUCT BP: BUSDUCT BP: BUSDU | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL ME L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR LFLOOR TILITY YARD Y LEGALLY REQUIRED STAI Y OPTIONAL STANDBY PTIBLE POWER SUPPLY TRANSFER SWITCH T N PANELBOARD ONTROL PANEL EPTACLE PANELBOARD RD RD PTIBLE POWER SUPPLY FLOORBOD RD RD PTIBLE POWER SUPPLY FLOORBOD RD RD PTIBLE POWER SUPPLY FLOORBOD AL AL AL AL AL AL AL AL AL AL | VED FROM THE BU VED FROM THE BU DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF OR THE SAFEKEEF OR PROTECTION OF PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBEF | RULDING IMMEDIATELY, AT C COR HANDLING OF THE REM HE OWNER AND SHALL BE OF PING OF THEIR OWN PROPE OF PROPERTIES AGAINST F O INSTALL." . CONDUCTOR. SHARED NED TITIONS SHALL NOT BE PER R (AS REQUIRED) R (AS REQUIRES) R (AS REQ | LEGRANI CONTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, JTRAL AUITTED, AUIT | MOUNTING HER 1. M 2. M 3. A 2. M 3. A CIRCUITING NO CIRCUITING NO 1. CIRCUITING NO 1. CIRCUITING NO 1. CIRCUITING NO 1. CIRCUITING NO 2. W 5. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL (HERE CONDUCTORS RUL 2.1. CIRCUITS EXCEEDING 2.1. 120V, 1-PHASE, 20A CI 2.1. CIRCUITS EXCEEDING 2.3. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.2. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 3.1. CIRCUITS EXCEEDING 3.1. CIRCUITS EXCEEDING 3.1. CIRCUITS EXCEEDING 3.2. CIRCUITS EXCEEDING 3.1. CIRCUITS EXCEEDING 3.1. CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR TLETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #10 AWG, MINIMUM FEET SHALL BE #10 AWG, MINIMUM FEET SHALL BE #10 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER EQUIPMENT AND MW WITH THEIR OPERA 4. THE CONTRACTOR IS SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 1 6. ALL CIRCUITS SHAL CONDUCTORS SHAL 7. HORIZONTAL CROSI UNLESS ALLOWED I 1 PMENT NAMING CONVENT 4E-L1 UL BUILDING FLOOR I L: LOWER LEVIT EVITE BUILDING FLOOR I L: LOWER SYSTEM N: NORMAL E: EMERGENCY ELS: ENCLOSED O GEN: GENENATOF HF: HARMONIC F HP: LIGHTING CO PP: POWER/REC SS: SWITCHBOA TX: TRANSFORM UPS: UNINTERRUI EQUIPMENT TYPE FF F | RS ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE F MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ N SPECIFIC INSTANCES, B' TION 30ARD DESIGNATION AND/ NUMBER SIDE EL E: EAST R W: WEST OOR R OOR L FLOOR TILITY YARD | VED FROM THE BU DING CORRIDORS F E DIRECTION OF THE OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH AND PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBER OR ROOM NUMBER OR ROOM NUMBER OR ROOM NUMBER NDBY | RULDING IMMEDIATELY, AT C COR HANDLING OF THE REM HE OWNER AND SHALL BE OF DING OF THEIR OWN PROPE OF PROPERTIES AGAINST F OINSTALL." CONDUCTOR. SHARED NEW TITIONS SHALL NOT BE PERI R (AS REQUIRED) R (AS REQUR | DUTRACTORS OVED COORDINATED CO | MOUNTING HEIL 1. M. 2. M. 3. A. CIRCUITING NO CIRCUITING NO 1. CIRCUITING NO 2. W 5. S. 2. W 5. S. 5. | 00" GHT NOTES: OUNTING HEIGHTS TO CH ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHE OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR ITES: ONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 2.1. CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 3.1. CIRCUITS EXCEEDING 3.208V, 1-PHASE, 20A CI 3.2. CIRCUITS EXCEEDING 3.2. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3.3. CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.1. CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS 6. 30-AMP CIRCUITS 6. 1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1.2. CIRCUITS EXCEEDING 6. 1. CIRCUITS EXCEEDING 6. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 1.1.2. CIRCUITS EXCEEDING 1.1.2. CIRCUITS EXCEEDING 1.1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCUITS EXCEEDING 1.1.2. CIRCUITS EXCEEDING 1.2. CIRCUITS EXCEEDING 1.3. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.4. CIRCUITS EXCEEDING 1.5. CIRCU | ENTER OF OUT N THE ABOVE N BLOCK OR BRI L BE ADHERED ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATED COORDINATE COORDINATE S COORDINATE COORDINATE S COORDINEAR F G 150 LINEAR F G 250 LINEAR F G 300 LINEAR F G 150 LINEAR F G 250 | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE SIZED FOR VOLT. RCUITS SHALL BE #10AWG, MINIMUM FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM FEET SHALL BE #6 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNER EQUIPMENT AND MW WITH THEIR OPERA 4. THE CONTRACTOR SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE I 6. ALL CIRCUITS SHAL CONDUCTORS SHAI 7. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT -4E-L1 MULTIPLE PANELE BUILDING FLOOR 1. LOWER LEVE 1. FIRST FLOOI 2. SECOND FLO 4. FOURTH FLO MULTIPLE PANELE BUILDING FLOOR 1. FIRST FLOOI 2. SECOND FLO 3. THIRD FLOO 4. FOURTH FLO M. NORMAL E. EMERGENCY ELS. EMERGENCY ELS. EMERGENCY ELS. EMERGENCY ELS. EMERGENCY ELS. EMERGENCY DISC: DISCONNEC DISC: <t< td=""><td>RS ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR R OOR L FLOOR TILITY YARD TRANSFER SWITCH T NON PANELBOARD CIRCUIT BREAKER S'ILTER NELBOARD DNTROL PANEL EPTACLE PANELBOARD CIRCUIT BREAKER S'ILTER NELBOARD DNTROL PANEL EPTACLE PANELBOARD RD MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE OWER SUPPLY FLOORBOY MER PTIBLE OWER SUPPLY FLOORBOY MER TILITY 4 A A A A A A A A A A A A A A A A A A A</td><td>VED FROM THE BU DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PARTY YTHE ENGINEER. OR ROOM NUMBEF OR ROOM NUMBEF</td><td>RUDING IMMEDIATELY, AT C COR HANDLING OF THE REM PING OF THEIR OWN PROPE OF PROPERTIES AGAINST D INSTALL." CONDUCTOR. SHARED NEI TITIONS SHALL NOT BE PER R (AS REQUIRED) R AS REQUIRED R AS A A A A A A A A A A A A A A A A B A A A A A A A A</td><td>DUTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, JTRAL AUITTED, AUIT</td><td>MOUNTING HEIM 1. M 2. M 3. A CIRCUITING NO 1. CC CIRCUITING NO 1. CC 2. W 5. 5.<td>00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR TES: ONDUCTORS FOR POWER 'HERE CONDUCTORS RUR 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A CI 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4. 1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 7.1. CIRCUITS EXCEEDING 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 19. CIRCUITS EXCEEDING 10. WHERE CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS</td><td>ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C</td><td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td></td></t<> | RS ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE L NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR R OOR L FLOOR TILITY YARD TRANSFER SWITCH T NON PANELBOARD CIRCUIT BREAKER S'ILTER NELBOARD DNTROL PANEL EPTACLE PANELBOARD CIRCUIT BREAKER S'ILTER NELBOARD DNTROL PANEL EPTACLE PANELBOARD RD MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE POWER SUPPLY FLOORBOY MER PTIBLE OWER SUPPLY FLOORBOY MER PTIBLE OWER SUPPLY FLOORBOY MER TILITY 4 A A A A A A A A A A A A A A A A A A A | VED FROM THE BU DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF OR THE SAFEKEEF FOR PROTECTION OF EAN "FURNISH ANDE PARATE NEUTRAL OR CABLE IN PARTY YTHE ENGINEER. OR ROOM NUMBEF | RUDING IMMEDIATELY, AT C COR HANDLING OF THE REM PING OF THEIR OWN PROPE OF PROPERTIES AGAINST D INSTALL." CONDUCTOR. SHARED NEI TITIONS SHALL NOT BE PER R (AS REQUIRED) R AS REQUIRED R AS A A A A A A A A A A A A A A A A B A A A A A A A A | DUTRACTORS OVED COORDINATED RTY ON THE JOB IRE, THEFT JTRAL JTRAL MITTED, JTRAL AUITTED, AUIT | MOUNTING HEIM 1. M 2. M 3. A CIRCUITING NO 1. CC CIRCUITING NO 1. CC 2. W 5. 5. <td>00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR TES: ONDUCTORS FOR POWER 'HERE CONDUCTORS RUR 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A CI 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4. 1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 7.1. CIRCUITS EXCEEDING 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 19. CIRCUITS EXCEEDING 10. WHERE CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS</td> <td>ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C</td> <td>TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM</td> | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHAL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIG ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR TES: ONDUCTORS FOR POWER 'HERE CONDUCTORS RUR 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR 20 2.1 120V, 1-PHASE, 20A CI 2.1 CIRCUITS EXCEEDING 2.2. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4. 1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.1. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 4.2. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 4.3. CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6.1. CONDUCTORS FOR 3 7. 120V, 1-PHASE, 30A CI 7.1. CIRCUITS EXCEEDING 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 18. LINEAR FEET OR LE HOMERUN FROM THE BETWEEN THE FIRST 1 19. CIRCUITS EXCEEDING 10. WHERE CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS | ENTER OF OUT THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE C | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR FILETS UNLESS OTHERWISE NOTE MOUNTING HEIGHTS SHALL BE US ICK COURSING. D TO UNLESS SPECIFICALLY HE DRAWING OR SPECIFICATIONS. TH ARCHITECT'S ELEVATION DRAV EVICE IS MOUNTED ABOVE A COU ATES THAT DEVICE IS MOUNTED E E WITH ARCHITECTURAL DETAILS HALL BE MINIMUM #12 AWG. THEY SHALL BE SIZED FOR VOLT. RCUITS SHALL BE MINIMUM #12 AW FEET SHALL BE #10AWG, MINIMUM FEET SHALL BE #8 AWG, MINIMUM |
| STORED ON SITE BY EXPENSE. 3. USE OF THE OWNEF EQUIPMENT AND M/ WITH THEIR OPERA 4. THE CONTRACTOR IS SITE. OWNER ASSU AND ENVIRONMENT 5. WHERE USED, THE 5. WHERE USED, THE 5. WHERE USED, THE 5. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4. HORIZONTAL CROS UNLESS ALLOWED I PMENT NAMING CONVENT 4. E. LOWER LEVE 1. FIRST FLOOD 2. SECOND FLO 3. THIRD FLOO 4. FOURTH FLO 2. SECOND FLO 3. THIRD FLOO 4. FOURTH FLO 4. FOURTH FLO 4. FOURTH FLO 5. WNORMAL 5. EMERGENCY 5. ENERGENCY 5. ENERGENCY 5. ENERGENCY 5. EMERGENCY 5. ENERGENCY 5. | R'S ELEVATORS AND BUILD ATERIALS SHALL BE AT THI TIONS. SHALL BE RESPONSIBLE FI MES NO RESPONSIBILITY F AL CONDITIONS. TERM "PROVIDE" SHALL MI L BE PROVIDED WITH A SE LL NOT BE PERMITTED S RUNS OF CONDUIT AND/ NUMBER SIDE EL E: EAST R W: WEST OOR L FLOOR TILITY YARD TRANSFER SWITCH T N PANELBOARD ONTROL PANEL EPTACLE PANELBOARD R PTIBLE POWER SUPPLY FLOORBODY TRANSFER SWITCH T N PANELBOARD ONTROL PANEL EPTACLE PANELBOARD RD RD RD PTIBLE POWER SUPPLY FLOORBODY | VED FROM THE BU DING CORRIDORS F DING CORRIDORS F DIRECTION OF THE OR THE SAFEKEEF OR PROTECTION OF PARATE NEUTRAL OR CABLE IN PART Y THE ENGINEER. OR ROOM NUMBER | R AS REQUIRED) | NURACTORS OVED COORDINATED REY ON THE JOB IRE, THEFT ATTED, ATTED | MOUNTING HEM 1. M 2. M 3. A CIRCUITING NO 1. CA 2. M 3. A CA CA 2. M 3. A CA CA CIRCUITING NO S 1. CA 2. M 5. S 5. < | 00" GHT NOTES: OUNTING HEIGHTS TO CI ASONRY CONSTRUCTION EFERENCE TO NEAREST OUNTING HEIGHTS SHALL OTED OR DETAILED OTHI OUNTING SHALL BE COO + BESIDE A DEVICE INDIC ASEWORK. A - BESIDE A OUNTER OR CASEWORK. ASEWORK CONTRACTOR HERE CONDUCTORS FOR POWEL HERE CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 1. 20-AMP CIRCUITS: 1.1.CONDUCTORS FOR POWEL 2. CIRCUITS EXCEEDING 3. 208V, 1-PHASE, 20A CI 4. 208V, 3-PHASE, 20A CI 4. 208V, 3-PHASE, 20A CI 5. FOR CIRCUITS EXCEEDING 3. CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 4. 208V, 3-PHASE, 20A CI 5. FOR CIRCUITS EXCEEDING 4. 208V, 3-PHASE, 20A CI 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 5. FOR CIRCUITS EXCEEDING 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS: 6. 30-AMP CIRCUITS 7. 1 CIRCUITS EXCEEDING 8. 208V, 1-PHASE, 30A CI 9. 208V, 3-PHASE, 30A CI 11. 2. CIRCUITS EXCEEDING 8. 208V, 1-PHASE, 30A CI 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS EXCEEDING 14. CIRCUITS EXCEEDING 15. CIRCUITS EXCEEDING 16. 1. CONDUCTORS FOR 3 17. 120V, 1-PHASE, 30A CI 17. 1. CIRCUITS EXCEEDING 18. 208V, 1-PHASE, 30A CI 11. 2. CIRCUITS EXCEEDING 19. 208V, 3-PHASE, 30A CI 11. 2. CIRCUITS EXCEEDING 10. WHERE CIRCUITS ARI ALL PHASE AND NEUT THE GROUND CONDUC NEC 250.122 (B). 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS EXCEEDING 14. CIRCUITS EXCEEDING 15. CIRCUITS EXCEEDING 15. CIRCUITS EXCEEDING 16. CIRCUITS EXCEEDING 17. CIRCUITS EXCEEDING 17. CIRCUITS EXCEEDING 18. 208V, 1-PHASE, 30A CI 19. 2017, 1-PHASE, 204 CI 10. WHERE CIRCUITS EXCEEDING 10. WHERE CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 11. 2. CIRCUITS EXCEEDING 12. CIRCUITS EXCEEDING 13. CIRCUITS EXCEEDING 14. CIRC | ENTER OF OUT N THE ABOVE M BLOCK OR BRI L BE ADHEREE ERWISE ON TH RDINATED WIT CATES THAT DE DEVICE INDICA COORDINATE COORDINE COORDINE COORDINE COORDINE COORDINE CONTE COORDINE COORDINE CONTE COORDINE CONTE COORDINE CONTE COORDINE COORDINE CONTE COORDINE COO | TELEVISION OUTLETS COMPUTER OUTLETS FINISHED FLOOR |

ILLUMINATION P.T. INTERMEDIATE METAL CONDUIT PWR. JUNCTION BOX RCVR KILOVOLT AMPERE KILOWATT KILOWATT HOUR REQ. LIGHTNING ARRESTER SEC. LIGHTNING PROTECTION SPEC. ..I.M. LINE ISOLATION MONITOR LUGS ONLY LONG, SHORT, INSTATANIUS TIME & STD. GROUND FAULT PICKUP. STR. LIMIT SWITCH SW. LIGHT SWGR. LIGHTING SYS. LOW VOLTAGE METAL-CLAD (CABLE) TEMP. MAIN CIRCUIT BREAKER THH. MOTOR CONTROL CENTER TMH. MOTOR CONTROL PROTECTOR MANUFACTURER ELECTRICAL/TELECOMMUNICATION MANHOLE MINIMUM MECHANICALLY OPERATED MOTOR STARTER PANEL MOUNTED U.O.N. MANUAL TRANSFER SWITCH NORMALLY CLOSED NOT IN CONTRACT NORMALLY OPEN VERT. NOT TO SCALE VM ON CENTER OIL CIRCUIT BREAKER OVERCURRENT PROTECTION OPEN STEM AND YOKE POLE XFMR PULL BOX XFR PLUMBING CONTRACTOR XMTR POWER FACTOR XPDR

POTENTIAL TRANSFORMER POWER RECEIVER EXISTING TO REMOVE RECEPTACLE REQUIRED SECONDARY SPECIFICATION SUBSTATION SHUNT TRIP STANDARD STARTER SWITCH SWITCHGEAR SYSTEM TELEPHONE TEMPERATURE TELEPHONE HAND HOLE TELEPHONE MANHOLE TAMPERPROOF TELEVISION TYPICAL UNDERCOUNTER UNDERGROUND ELECTRIC UNFUSED UNDERWRITER'S LABORATORY UNLESS OTHERWISE NOTED UNDERGROUND TELEPHONE UNDER VOLTAGE UNDERWRITERS' LABORATORY UNDERGROUND TELEPHONE VOLTMETER VOLTMETER SWITCH WATT WIRE WEATHERPROOF TRANSFORMER TRANSFER TRANSMITTER TRANSPONDER EXPLOSION PROOF

| CR | CARD READER - SINGLE GANG BOX |
|-----|---|
| J | JUNCTION BOX - DOUBLE GANG BOX |
| PS | POWER SUPPLY |
| ML | MAGNETIC LOCK |
| SS | DOOR CONTACT |
| EL | ELECTRIC LOCKSET |
| ELR | ELECTRIC LATCH RETRACTION |
| RX | REQUEST TO EXIT SWITCH |
| РТ | POWER TRANSFER HINGE |
| НО | MAGNETIC HOLD-OPEN DEVICE - SINGLE GANG BOX |
| PP | AUTO-OPEN PUSH PLATE - SINGLE GANG BOX |
| AO | AUTO-OPENER |
| XXX | DOOR NUMBER |
| A | 3/4" CONDUIT |
| D | 18/2 |
| | CCTV CAMERA X-X = CAMERA ID NUMBER |
| MS | MOTION SENSOR - SINGLE GANG BOX |
| LR | EMERGENCY LOCK RELEASE - SINGLE GANG BOX |
| CX | CHEXIT DEVICE |
| AI | AUDIO INTERCOM - SINGLE GANG BOX |
| VI | VIDEO INTERCOM - SINGLE GANG BOX |
| | |

ACCESS CONTROL AND CCTV SYMBOLS

TELECOM SYMBOLS -@-CEILING MOUNTED DATA OUTLET - DOUBLE GANG JUNCTION BOX WITH SINGLE GANG OPENING, FACEPLATE WITH FOUR OPENINGS, AND TWO DATA JACKS. AP - WIRELESS ACCESS POINT VOICE/DATA COMBINATION - DOUBLE GANG JUNCTION BOX WITH SINGLE GANG OPENING, ∇ AND EMPTY 1-1/4" CONDUIT W/PULLSTRING, SEE SPECIFICATIONS. X = QUANTITY OF VOICE OR DATA JACKS IF OTHER THAN THREE. $\nabla_{\!\!\!\!\!\!\!\!\!}$ DATA - DOUBLE GANG JUNCTION BOX WITH SINGLE GANG OPENING, AND EMPTY 1-1/4" CONDUIT W/PULLSTRING, SEE SPECIFICATIONS X = QUANTITY OF DATA JACKS IF GREATER THAN ONE. RACEWAY MOUNTED DATA OUTLET - SINGLE DATA JACK INSTALLED IN A WIREMOLD 2A ∇_{D} STYLE ADAPTER AND BEZEL TELEPHONE - SINGLE GANG JUNCTION BOX WITH SINGLE GANG OPENING. AND EMPTY ◀... 3/4" CONDUIT W/PULLSTRING, SEE SPECIFICATIONS PS - PAY STATION W - WALL WP - WEATHER PROOF HP - HANDICAPPED PHONE STANCHION MOUNTED CAMPUS EMERGENCY TELEPHONE - (2) EMPTY 1" PVC CONDUITS -. ◀ _ ONE FOR POWER AND ONE FOR VOICE - W/PULLSTRING. POKE THRU TO BE PURCHASED BY ELECTRICAL CONTRACTOR - REFERENCE POWER ©__ SERIES DRAWINGS FOR TYPE - CABLE QUANTITIES AS NOTED ON FLOOR PLANS FBX FLOOR BOX X - SEE CORRESPONDING SCHEDULE

| FIRE ALARM SY | MBOLS |
|-----------------|--|
| -© | WALL MOUNTED FIRE EVACUATION SPEAKER |
| © | CEILING MOUNTED FIRE EVACUATION SPEAKER |
| F | FIRE ALARM MANUAL PULL STATION |
| ΕA | FIRE ALARM HORN |
| EKHE | FIRE ALARM HORN/STROBE |
| –Æ | FIRE ALARM STROBE |
| Ε¢ | FIRE ALARM SIREN |
| -D-Q | WALL MOUNTED FIRE EVACUATION SPEAKER AND STROBE |
| ¢ _F | FIREMEN'S PHONE JACK |
| ф | ELECTRIC DOOR HOLDER |
| Ē∙O | ELECTRONIC PROGRAMMABLE ALARM WITH STROBE |
| Øs | AUTOMATIC DETECTOR [DETECTOR CONTROL FUNCTION] |
| | B - BEAM DETECTOR D - DUCT MOUNTED, SMOKE IONIZATION (INSTALLED BY DIV. 23 CONTRACTOR) F - THERMAL, FIXED TEMPERATURE FR - THERMAL, COMBINATION RATE OF RISE PLUS FIXED TEMPERATURE PE - SMOKE REFRACTION, PHOTO ELECTRIC R - THERMAL, RATE OF RISE RT - DUCT DETECTOR REMOTE TEST STATION S - AREA SMOKE, IONIZATION |
| - X | REMOTE ANNUNCIATOR INDICATOR LED |
| © _{FS} | ALARM INITIATING CONTACT [CONTACT CONTROL FUNCTION] |
| | EP - ELECTRIC PNEUMATIC SWITCH ETL - ELECTRIC THERMAL LINK FS - FLOW SWITCH "ALARM" FA - FIRST AID (HOSE SYSTEM) "ALARM" G - GAS ALARM PANEL GM - GAS MANIFOLD R - REFRIGERATION UNIT OS&Y - ALARM CHECK VALVE "TROUBLE" TS - TAMPER SWITCH "TROUBLE" |
| × | FIRE ALARM ADDRESSABLE RELAY [RELAY FUNCTION] C - CONTROL M - MONITOR |
| Ð | ELECTRIC DAMPER WITH DIVISION 23 LOCKOUT DISCONNECT |

AUDIOVISUAL SYSTEMS SYMOL LEGEND

| SYMBOL | DESCRIPTION | BOX TYPE (H" x W" x D") | MOUNTING LOCATION |
|--------|--|--|---|
| A1 | ANTENNA BOX, FOR ALS | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT 8'-0" AFF |
| A2 | ANTENNA BOX, FOR WIRELESS MICROPHONE | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT 8'-0" AFF |
| BP | CONTROL PANEL BACK BOX | 3-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT SWITCH HEIGHT |
| CB | CEILING MOUNTED EQUIPMENT ENCLOSURE | FSR CB-22P | FLUSH MOUNT IN CEILING |
| CC | RETRACTABLE WALL CONTACT CLOSURE | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT RECEPTACLE HEIGHT |
| СР | CONTROL PANEL BACK BOX | 2-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT SWITCH HEIGHT |
| D1 | DISPLAY BACK BOX, TYPE 1 | CHIEF PAC526 BACK BOX | FLUSH MOUNT IN WALL AT 5'-6" AFF TO CENTER OF BOX BEHIND DISPLAY |
| D2 | DISPLAY BACK BOX, TYPE 2 | CHIEF PAC526 BACK BOX | FLUSH MOUNT IN WALL AT 5'-0" AFF TO CENTER OF BOX BEHIND DISPLAY |
| D3 | DISPLAY BACK BOX, TYPE 3 | CHIEF PAC526 BACK BOX | FLUSH MOUNT IN WALL AT 4'-6" AFF TO CENTER OF BOX BEHIND DISPLAY |
| J1 | JUNCTION BOX, TYPE 1 | 12" x 12" x 4" NEMA 1 ENCLOSURE WITH COVER | FLUSH MOUNT IN WALL AT 2'-0" AFF |
| J2 | JUNCTION BOX, TYPE 2 | 12" x 12" x 4" NEMA 1 ENCLOSURE WITH COVER | FLUSH MOUNT IN WALL AT 2'-0" AFF |
| | LOW VOLTAGE MOTOR CONTROLLER | 4" SQUARE METAL BOX WITH COVER | RECESSED INTO CEILING AS PART OF PROJECTION SCREEN CASE |
| M1 | CEILING MICROPHONE BOX, TYPE 1 | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN CEILING |
| R1 | RECEPTACLE PANEL, TYPE 1 | 3-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT RECEPTACLE HEIGHT |
| R2 | RECEPTACLE PANEL, TYPE 2 | 3-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT RECEPTACLE HEIGHT |
| R3 | RECEPTACLE PANEL, TYPE 3 | 3-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL ABOVE COUNTER AT 3'-8" AFF |
| SI | CEILING LOUDSPEAKER, TYPE 1 | CONDUIT STUB | CONDUIT STUB TO ABOVE ACCESSIBLE CEILING |
| S2 | WALL MOUNTED LOUDSPEAKER | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT 8'-0" AFF |
| SS | VIDEO PROJECTION SCREEN SWITCH | 1-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT SWITCH HEIGHT |
| T1 | CABLE TROUGH | 6" x 6" x 24" METAL TROUGH | MOUNTED AT 78" AFF ABOVE AV EQUIPMENT RACK |
| V1 | VIDEO PROJECTOR CABLING BACK BOX | 4" SQUARE METAL BOX WITH COVER | FLUSH MOUNT IN WALL IN VIDEO PROJECTOR NICHE |
| (P) | VIDEO PROJECTOR CABLING BACK BOX | 4" SQUARE METAL BOX WITH COVER | FLUSH MOUNT IN CEILING |
| RS1 | DATA DROP FOR ROOM SCHEDULING PANEL ON GLAZING | CRESTRON TSS-752-MUMK MULLION KIT | MOUNT TO WINDOW MULLION AT SWITCH HEIGHT |
| RS2 | DATA DROP FOR ROOM SCHEDULING PANEL ON WALL | 2-GANG DEEP METAL BOX WITH COVER | FLUSH MOUNT IN WALL AT SWITCH HEIGHT |
| RS3 | DATA DROP FOR ROOM SCHEDULING PANEL ON GLAZING | PROVIDE SURFACE MOUNT RACEWAY TO ROOM SCHEDULING PANEL | MOUNT TO WINDOW GLASS AT SWITCH HEIGHT |
| | | | |

| ——— |
|---------------|
| |
| — |
| |
| - |
| |
| Ť |
| |
| |
| |
| _ |
| |
| |
| - |
| |
| Ĭ |
| - |
| |
| 1 |

ILLUMINATED FIRE SIGNALS (OR AS SHOWN ON ARCHITECTURAL DETAILS). BATTERY LIGHTING UNITS AND REMOTE WALL MOUNTED LIGHT HEADS (OR 1'-0" BELOW FINISHED CEILING TO TOP OF UNIT). PENDANT-HUNG INDUSTRIAL AND STRIP LIGHTING FIXTURES. WARNING AND SIGNALING FIXTURES/SIGNS.

WALL-MOUNTED CLOCKS, PROGRAM BELLS, FIRE ALARM GONGS AND

XP

PHASE

OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. AUDIBLE FIRE ALARM SIGNAL DEVICES.

OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. VISUAL FIRE ALARM SIGNAL DEVICES AND COMBINATION

AUDIBLE/VISUAL FIRE ALARM SIGNALS. TOP OF FLUSH AND SURFACE MOUNTED ELECTRICAL LIGHTING OR POWER PANELBOARDS AND TELEPHONE CABINETS.

TOP OF BACK-MOUNTED WALL EXIT FIXTURES (NOT MOUNTED ABOVE DOORS). TOP OF HIGHEST ELECTRICAL SAFETY DISCONNECT SWITCHES,

MAGNETIC STARTERS, CONTACTORS.

WALL-MOUNTED TELEPHONES, PAY STATIONS (3'-6" AT HANDICAP LOCATIONS) AND TOILET ROOM RECEPTACLES. WALL MOUNTED ELECTRICAL DEVICE LIGHTING SWITCHES, MANUAL MOTOR STARTERS, THERMOSTATS, FIRE ALARM PULL STATIONS, CARD READERS, AND WIREMOLD

ELECTRICAL RECEPTACLES TELEPHONE OUTLETS ELECTRICAL RECEPTACLES WITHIN MECHANICAL SPACES, ELECTRICAL

AND ELEVATOR ROOMS. ELECTRICAL RECEPTACLES TELEPHONE OUTLETS TELEVISION OUTLETS COMPUTER OUTLETS

CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN TION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR EST BLOCK OR BRICK COURSING.

HALL BE ADHERED TO UNLESS SPECIFICALLY THERWISE ON THE DRAWING OR SPECIFICATIONS. ALL DEVICE

OORDINATED WITH ARCHITECT'S ELEVATION DRAWINGS. NDICATES THAT DEVICE IS MOUNTED ABOVE A COUNTER OR

E A DEVICE INDICATES THAT DEVICE IS MOUNTED BELOW ORK. COORDINATE WITH ARCHITECTURAL DETAILS AND

RUNS ARE LONG, THEY SHALL BE SIZED FOR VOLTAGE DROP AS FOLLOWS:

DING 300 LINEAR FEET SHALL BE #8 AWG, MINIMUM. DING 500 LINEAR FEET SHALL BE #6 AWG, MINIMUM. VING MULTIPLE RECEPTACLES WHERE THE CIRCUIT LENGTH ST ELECTRICAL DEVICE AND THE LAST ELECTRICAL DEVICES IS R LESS, THE INCREASED WIRE SIZE MAY BE INSTALLED FOR THE THE PANELBOARD AND #12AWG WIRES MAY BE INSTALLED FOR

R 30A POWER CIRCUITS SHALL BE MINIMUM #10 AWG. CIRCUITS:

DING 300 LINEAR FEET SHALL BE #6 AWG, MINIMUM. ARE RE-SIZED TO COMPENSATE FOR VOLTAGE DROP, UTRAL CONDUCTORS SHALL BE RESIZED SIMILARLY, AND DUCTOR SHALL BE RE-SIZED PER THE REQUIRENTS OF

JITS SHALL BE INSTALLED IN CONDUIT, IN ACCORDANCE WITH

LIGHTING SYMBOLS

| A1 1 A1 1ELS | LIGHTING FIXTURE NOMENCLATURE: A1 INDICATES LIGHTING FIXTURE TYPE 1 INDICATES CIRCUIT DESIGNATION 1ELS INDICATES CIRCUIT DESIGNATION ON EMERGENCY POWER |
|--------------------------------------|---|
| | 2 x 2 RECESSED OR SURFACE MOUNTED |
| | 2 x 4 RECESSED OR SURFACE MOUNTED |
| | RECESSED SLOT FIXTURE |
| | PENDANT MOUNTED LINEAR FIXTURE |
| <u>T</u> | WALL MOUNTED LINEAR FIXTURE |
| | PERIMETER RECESSED LINEAR FIXTURE |
| 0 | RECESSED DOWNLIGHT FIXTURE |
| \bigcirc | RECESSED ACCENT LIGHT |
| | |
| R) | COVE LIGHTING |
| | TRACK LIGHTING SYSTEM |
| | SURFACE MOUNTED LINEAR STRIP, UNDER CABINET TASK LIGHT OR CASEWORK MOUNTED LIGHT |
| 8 | PENDANT HUNG INDUSTRIAL STRIP |
| | ENCLOSED INDUSTRIAL FIXTURE |
| ⊗ i H⊗i E | EXIT FIXTURE - CEILING MOUNTED - FACES AND ARROWS AS INDICATED EXIT FIXTURE - WALL OR SURFACE MOUNTED - FACES AND ARROWS AS INDICATED |
| | FIXTURE ON EMERGENCY POWER |
| \$ | EXTERIOR LUMINAIRE - POLE MOUNTED |
| | EXTERIOR LUMINAIRE - WALL MOUNTED |
| | EXTERIOR DIRECTIONAL FLOOD LUMINAIRE - WALL MOUNTED |
| • | EXTERIOR UPLIGHT LUMINAIRE - GROUND MOUNTED |
| | EXTERIOR AREA LIGHTING FIXTURE EXTERIOR WALKWAY LIGHTING FIXTURE |
| S | SINGLE POLE, WALL SWITCH (SHOWN WITHOUT SUBSCRIPT) OTHER SWITCHES SHALL BE COORDINATED WITH SUBSCRIPT [SUBSCRIPT INDICATES TYPE OF SWITCH] |
| | 4 - FOUR WAY SWITCH L - LOW VOLTAGE SWITCH D - LINE VOLTAGE DIMMING SWITCH PD - LOW VOLTAGE PRESET DIMMING SCENE CONTROLLER P - SWITCH WITH PILOT LIGHT K - KEY OPERATED MOMENTARY CONTACT LD - LOW VOLTAGE DIMMING SWITCH OR - WALL CONTROL OVERRIDE SWITCH M - MANUAL MOTOR STARTER MS - LOW VOLTAGE MASTER SWITCH MR - MOTOR RATED SWITCH V - VACANCY SENSOR SWITCH T - COUNTDOWN TIMER SWITCH VD - VACANCY SENSOR LOW VOLTAGE DIMMING SWITCH |
| 09 | CEILING MOUNTED OCCUPANCY SENSOR OCCUPANCY SENSOR TECHNOLOGY SHALL BE COORDINATED WITH SUBSCRIPT [SUBSCRIPT INDICATES TYPE OF SWITCH] |
| | A1 - IR TECHNOLOGY 180 DEGREE A2 - IR TECHNOLOGY 360 DEGREE A3 - IR TECHNOLOGY CORRIDOR A4 - IR TECHNOLOGY EXTENDED HEIGHT B1 - DUAL TECHNOLOGY 180 DEGREE B2 - DUAL TECHNOLOGY 360 DEGREE B3 - DUAL TECHNOLOGY CORRIDOR C1 - ULTRASONIC TECHNOLOGY 180 DEGREE C2 - ULTRASONIC TECHNOLOGY 360 DEGREE C3 - ULTRASONIC TECHNOLOGY CORRIDOR |
| | |
| LIGHTING CONTROLS | |
| a O a1 a O a2 R1 | LIGHTING FIXTURE CONTROL NOMENCLATURE: a: INDICATES CONTROL ZONE a#: INDICATES CONTROL ZONE AND SWITCH DESIGNATION R#: INDICATED FIXTURE CONNECTED TO RELAY# IN DESIGNATED RELAY PANEL |
| | NO SUBSCRIPT INDICATES FIXTURE SWITCHED BY LOCAL ROOM CONTROLS |
| وں a (۲۵) a1,2 R1 S ^{a1} | a: INDICATES CONTROL ZONE a#: INDICATES CONTROL ZONE AND SWITCH DESIGNATION R#: INDICATES SENSOR CONTROLS RELAY# IN DESIGNATED RELAY PANEL |
| (#) | # - REFER TO LIGHTING CONTROL SEQUENCE OF OPERATIONS SCHEDULE |
| | AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS FOR SIDELIGHTING: |
| | HATCH DEPICTS PRIMARY SIDELIGHTED AREA |
| | HATCH DEPICTS SECONDARY SIDELIGHTED AREA |
| POWER DEVICE SYMBC | DLS |
| | .E RECEPTACLE - 125V.2P.3W |
| - | |

| TOWERDEVICE | |
|--|---|
| -0 | SINGLE RECEPTACLE - 125V,2P,3W |
| | DUPLEX RECEPTACLE - 125V.2P.3W |
| → | QUADRUPLEX RECEPTACLE CONNECTED TO NORMAL POWER- 125V.2P.3W |
| → | DUPLEX GROUND FAULT MASTER RECEPTACLE - 125V.2P.3W |
| — | QUADRUPLEX GROUND FAULT MASTER RECEPTACLE - 125V.2P.3W |
| → | DUPI EX GROUND FAULT SLAVE RECEPTACLE - 125V 2P.3W |
| ⇒uc | ISOLATED GROUND RECEPTACLE |
| | |
| CD | CORD DROP RECEPTACLE. TYPE AS INDICATED |
| m | FLOOR MOUNTED RECEPTACLE TYPE AS INDICATED |
| | GFCI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER CONNECTED TO NORMAL POWER. |
| | GFCI DUPLEX RECEPTACLE CONNECTED TO EMERGENCY POWER. |
| → XP | EXPLOSION PROOF HAZARDOUS LOCATION DUPLEX RECEPTACLE - 125V,2P,3W |
| ⊡⊷ | PEDESTAL MOUNTED RECEPTACLE(S) |
| - B L5-20R | SPECIAL PURPOSE NORMAL POWER RECEPTACLE NEMA CONFIGURATION AS INDICATED |
| -••••••••••••••••••••••••••••••••••••• | SPECIAL PURPOSE EMERG. POWER RECEPTACLE NEMA CONFIGURATION AS INDICATED |
| == 13 | DUPLEX RECEPTACLE ON EMERGENCY POWER - 125V,2P,3W |
| = (13 | QUADRUPLEX RECEPTACLE ON EMERGENCY POWER - 125V,2P,3W |
| + | INDICATES WIRING DEVICE MOUNTED ABOVE COUNTER, BACKSPLASH OR CASEWORK. |
| S | INDICATES WIRING DEVICE SWITCHED WITH ROOM OCCUPANCY SENSORS |
| В | BACK BOX WITH BLANK COVER |
| J | JUNCTION BOX |
| CP | CONTROL PANEL |
| PB | PULL BOX |
| ® | BLUE LIGHT |
| • | PUSH BUTTON |
| | EMERGENCY POWER OFF |
| CSG | CLOCK SIGNAL GENERATOR |
| CR | CORD REEL AND DUPLEX RECEPTACLE |
| FX#X s | FLOOR BOX, 'S' INDICATES WIRING DEVICE SWITCHED WITH ROOM OCCUPANCY SENSORS REFER TO SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION |
| ↑ ↑↑ ↑ | COMMUNICATION GANGS |
| | A: NO COMMUNICATIONS B: (1) DATA GANG |
| | C: (1) A/V GANG |
| | E: SPECIAL - SEE SCHEDULE |
| | DUPLEX RECEPTACLE QUANTITY |
| | FLOOR BOX TYPE |
| | F: FURNITURE FEED |
| | R: FIRE RATED |
| _ | |
| © _{PX#} | REFER TO SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION |
| † 1 | COMMUNICATION GANGS |
| | A: NO COMMUNICATIONS B: (1) DATA GANG |
| | C: (1) A/V GANG |
| | |
| | |
| | SURFACE MOUNTED RACEWAY |
| vv# | DEVICE TYPES & QUANTITIES |
| L | 1: (1) DUPLEX RECEPTACLE EVERY 2'-0" U.N.O. |

2: (1) DUPLEX RECEPTACLE AND (1) DATA GANG EVERY 2'-0" U.N.O.



BD BUS DUCT BD Zh BUS DUCT WITH PLUG IN SWITCH

СТ CABLE TRAY - SEE DETAILS FOR WIDTH AND LOCATION



COVER SHEET



NUMBER:



1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. COORDINATE LOCATION OF ALL WIRING DEVICES INSTALLED IN MILLWORK WITH MILLWORK CONTRACTOR. 3. COORDINATE LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF ALL DEVICES WITH ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO ROUGH-IN. COORDINATE LOCATIONS AND REQUIREMENTS OF ALL DISCONNECT SWITCHES AND POWER CONNECTIONS TO HVAC AND PLUMBING EQUIPMENT WITH DIVISION 22 AND 23 CONTRACTORS PRIOR TO ROUGH-IN. 5. COORDINATE ROUTING OF CONDUITS TO ROOF TOP EQUIPMENT WITH CONSTRUCTION MANAGER AND DIVISION 23 CONTRACTOR. 6. CONFIRM ALL OVER CURRENT PROTECTION DEVICE RATINGS WITH DIVISION 22 AND 23 EQUIPMENT SUBMITTALS PRIOR TO INSTALLATION. CABLES TO TELEPHONE BOARD OR AV RACK, U.O.N. 8. PROVIDE 3/4" RACEWAY THROUGH MULLION FROM CARD READERS TO ABOVE ACCESSIBLE CEILING. 9. VERIFY FLOOR BOX AND POKE-THRU COVER PLATE STYLES AND FINISHES WITH ARCHITECT AND PROVIDE SUBVMITTALS FOR ARCHITECTURAL/ENGINEERING REVIEW PRIOR TO PURCHASE. COORDINATE EXACT LOCATION

WITH ARCHITECT PRIOR TO ROUGH-IN. 10. LABORATORY EQUIPMENT RATED 120V/1PH, 20A WITH A FLEXIBLE CORD SHALL BE POWERED VIA INTEGRAL CASEWORK RECEPTACLES UNLESS NOTED OTHERWISE.

11. PROVIDE MINIMUM 3/4" EMT FROM ACCESSIBLE CEILING SPACE DOWN WALL TO ALL DEVICES ALONG 2ND/3RD/4TH LABORATORY SPINE (COLUMN LINE F) TO ALLOW FOR FUTURE REWIRING. POWER PLAN KEYED NOTES:

1A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.

1B PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS.

COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. 2 NOT USED.

GENERAL POWER PLAN NOTES:

3 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN.

- PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504.
- 5 PROVIDE POWER CONNECTION TO DOOR OPERATOR AND ASSOCIATED ACTUATORS PER MANUFACTURER'S
- INSTRUCTIONS. 6 PROVIDE POWER CONNECTION FROM HEAT TRACE CONTROLLER TO TERMINAL BLOCK AT PIPING. COORDINATE

EXACT LOCATIONS AND REQUIREMENTS WITH DIVISION 23 CONTRACTOR PRIOR TO ROUGH-IN. FOR FURTHER INFORMATION, REFER TO DETAIL 7/E504.

7 PROVIDE (2) 1" CONDUITS FOR AV TO ABOVE ACCESSIBLE CEILING.

| OF | RHO NEW EN BUI KINC ROJECT NO: H | DE IS GINEE LDING GSTON, RI KC.G.ENGF | SLAN RING R.2015.002 |
|--|--|---|---|
| | | | |
| | | | |
| B A | A L L | I N | GΕ |
| 83 PH T F BA | 3 CHESTNU ILADELPHI 215 446 090 215 446 090 LLINGER .C | T ST, SUI A, PA 191 00 01 COM | TE 1400 |
| CONS | ULTANTS: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| KEYPL | AN: | | |
| [| <u> </u> | [| |
| L | | | |
| SEAL: | | | |
| | | | |
| | CONDI | TION OF U | SE |
| WHEN TI CONTRA SUBSEQ | HIS DOCUMENT IS S CTOR, IN EITHER P UENT USE OF THE I | SUPPLIED TO EL APER OR ELEC INFORMATION (THE CONDITION | THER OWNER OF TRONIC FORM, TH CONTAINED ON TI NS OF THE BALLINGER AND T CH RIGHTS IN THIS CTRONIC FILES (RACTORS, SUBJE ISE, SOLELY AS A |
| DOCUME AGREEM BALLING DOCUME THIS DO TO THIS | IENT BETWEEN THE ER'S COPYRIGHT A ENT. CONTRACTOR CUMENT AVAILABLE STATEMENT OF CO | E OWNER AND E ND OTHER SUC MAY MAKE ELE TO SUBCONT NDITIONS OF L | RS IN THEIR PROVISION OF TH |
| JOCUME AGREEN BALLING DOCUME THIS DO TO THIS CONVEN PREPER DOCUME RESPON SUBCON PERPER | THENT BETWEEN THE THE SCOPYRIGHT A ENT. CONTRACTOR CUMENT AVAILABLE STATEMENT OF CO IIENCE TO SUCH SU ATION OF SHOP DR SIBLE IN ANY WAY ITRACTOR'S SHOP I ITRACTOR'S FROM F ATION OF THEIR RE | OWNER AND E ND OTHER SUC MAY MAKE ELE TO SUBCONT INDITIONS OF L IBCONTRACTOI UBCONTRACTOI SHALL NOT MA FOR ANY ASPE SHALL NOT MA SHALL | ke Ballinger CT of The R Relieve Ibility for Drawings. |
| JOCUME AGREEM BALLING DOCUME THIS DO TO THIS CONVEN PREPER DOCUME RESPON SUBCON SUBCON PERPER | IENT BETWEEN THE IER'S COPYRIGHT A ENT. CONTRACTOR CUMENT AVAILABLE STATEMENT OF CO IENCE TO SUCH SU ATION OF SHOP DR ENT BY BALLINGER ISIBLE IN ANY WAY ITRACTORS SHOP I ITRACTORS SHOP I ITRACTORS FROM F ATION OF THEIR RE | CONNER AND E ND OTHER SUC MAY MAKE ELE TO SUBCONT INDITIONS OF L INDITIONS OF L I | KE BALLINGER CT OF THE R RELIEVE IBILITY FOR DRAWINGS. |
| DOCUME AGREEM BALLING DOCUME THIS DO TO THIS CONVEN PREPER DOCUME RESPON SUBCON SUBCON SUBCON PERPER | IENT BETWEEN THE IENT BETWEEN THE IENT CONTRACTOR COMENT AVAILABLE STATEMENT OF CO IENCE TO SUCH SU ATION OF SHOP DR ENT BY BALLINGER ISIBLE IN ANY WAY ITRACTORS SHOP ITRACTORS FROM F ATION OF THEIR RE | E MAD E ND OTHER SUC MAY MAKE ELE TO SUBCONT INDITIONS OF L INDITIONS OF L INDITI | KE BALLINGER CT OF THE R RELIEVE IBILITY FOR DRAWINGS. |
| DOCUME AGREEM BALLING CONVEN PREPER DOCUME RESPON SUBCON SUBCON SUBCON SUBCON OCUME RESPON SUBCON SU | INT BETWEEN THE IERTS COPYRIGHT A ENT. CONTRACTOR COMENT AVAILABLE STATEMENT OF CO IIENCE TO SUCH SU ATION OF SHOP DR INT BY BALLINGER ISIBLE IN ANY WAY ITRACTORS SHOP D ITRACTORS SHOP D ITRACTORS FROM F ATION OF THEIR RE //18 ISSU //18 ISSU //17 ISSU /17 ISSU D R A W I M | IE NO. 14 IE NO. 14 IE NO. 10 IE NO. 6 IE NO. 5 IE NO. 5 IE NO. 5 IE NO. 5 IE NO. 5 | KE BALLINGER CT OF THE R RELIEVE IBILITY FOR DRAWINGS. |
| DOCUME AGREEM BALLING CONVEN PREPER DOCUME THIS DO TO THIS CONVEN PREPER DOCUME RESPON SUBCON SUBCON SUBCON PERPER 004/04 01/19 08/24 07/31 PROJE SCALE | INT BETWEEN THE IERTS COPYRIGHT A ENT. CONTRACTOR COMENT AVAILABLE STATEMENT OF CO IIENCE TO SUCH SL ATION OF SHOP DR INTRACTORS SHOP D ITRACTORS SHOP D ITRACTORS FROM F ATION OF THEIR RE //18 ISSU /17 ISSU /17 ISSU /17 ISSU D R A W I N ECT: 15085. E: 1/4" = E L F C | IE NO. 14 IE NO. 14 IE NO. 14 IE NO. 14 IE NO. 10 IE NO. 5 IE NO. 7 IE NO. 1 IE NO. 6 IE NO. 5 IE NO. 5 IE NO. 5 IE NO. 7 IE NO. | KE BALLINGER CT OF THE R RELIEVE IBILITY FOR DRAWINGS. |
| DOCUME AGREEM BALLING DOCUME THIS DO TO THIS CONVEN PREPER DOCUME RESPON SUBCON SUBCON SUBCON PERPER 0 04/04 01/19 08/24 07/31 PROJE SCALE TITLE: | INT BETWEEN THE INT SETVENT AVAILABLE STATEMENT OF CO UIENCE TO SUCH SU ATION OF SHOP DR INT BY BALLINGER INT BY BALLINGER INT BY BALLINGER INT BY BALLINGER INT ACTORS SHOP I ITRACTORS SHOP I ITRACTO | IE NO. 14 IE NO. 14 IE NO. 14 IE NO. 14 IE NO. 10 IE NO. 5 N G I S 00 1'-0" T R I C | |





| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | THE UNIVERSIT OF RHODE ISLAN |
|--|--|
| POWER PLAN REYED NOTES: 1 PROVIDE POWER CONNECTION TO EQUIPMENT CONTROL PANEL. COORDINATE EXACT LOCATION IN FIELD. INSTALL DIVISION 22/23 FURNISHED VFD AND PROVIDE POWER CONNECTION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION AND DISCONNECT SWITCH, SIZED AS INDICATED ON SINGLE LINE DIAGRAM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION TO FIRE PUMP, REFER TO SHEET E302 FOR FURTHER INFORMATION. | PROJECT NO: KC.G.ENGR.2015.002 |
| CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM PANELBOARD CIRCUIT(S) INDICATED. FUME HOOD ALARM CIRCUIT. CONNECT TRANSFORMER SECONDARY GROUND TO GROUNDING BUSBAR. PROVIDE POWER CONNECTION AND DISCONNECT SWITCH, SIZED AS INDICATED. PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT L OCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | |
| 10 PROVIDE POWER CONNECTION TO EQUIPMENT CONTROL PANEL AND TO REMOTE SUMP PUMP. COORDINATE EXACT LOCATIONS IN FIELD. | BALLINGE 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 |
| | T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | |
| | |
| (F.5) | |
| | |
| (F.4) | |
| (F.3 | |
| | |
| (F) | |
| | |
| | KEYPLAN: |
| | |
| | SEAL: |
| | |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER A CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, SUBSEQUENT USE OF THE INFORMATION CONTAINED ON DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE |
| | AGREEMENT BETWEEN THE OWNER AND BALLINGER AND BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN T DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILE THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUB TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTOR'S FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| E | |
| | 06/01/18 ISSUE NO. 19 01/19/18 ISSUE NO. 10 10/26/17 ISSUE NO. 8 08/24/17 ISSUE NO. 6 |
| | 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 SCALE: 1/4" = 1'-0" E L E C T R I C A I |
| | |
| | NUMBER: |
| | E200.4 |





| | | 21 FO2B S | 23 FO2E S | |
|--------------|--------------|--------------|--------------|---|
| CAPSTO | DNE | | | E201.1 |
| 19 FO2B S | 19 FO2B S | 21 FO2B S | 23 FO2B S | |
| | | | | |
| 17 FO2B S | 19 FO2B S | 21 FO2B S | 23 FO2B S | ALL 120V AND 208V NC — — CIRCUITS IN THIS AREA S SERVED BY PANEL PP-N-1 |
| | | | | |
| | | | | |

| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | THE UNIVERSITY OF RHODE ISLAND NEW ENGINEERING BUILDING |
|---|---|
| | PROJECT NO: KC.G.ENGR.2015.002 |
| | |
| | BALLINGER |
| NORMAL A SHALL BE N-1E-1 U.O.N. | PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | CONDITION OF USE |
| | CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PEPERATION OF SHOP DRAWINGS, SHOP DRAWINGS |
| | |
| | |
| | 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 SCALE: 1/4" = 1'-0" |
| | FIRST FLOOR POWER |
| | |
| | E201.1 |

| D.5 | |
|-----|--|
| | |

C

A

| 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. | UNIVERSITY |
|--|--|
| 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | OF RHODE ISLAND |
| POWER PLAN KEYED NOTES: | NEW ENGINEERING |
| 1 FUME HOOD ALARM CIRCUIT. | BUILDING KINGSTON, RI |
| 2 CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM PANELBOARD CIRCUIT(S) INDICATED. | PROJECT NO: KC.G.ENGR.2015.002 |
| 3 INSTALL WON-DOOR PER MANUFACTURER'S REQUIREMENTS. PROVIDE ALL MATERIALS AND CONTROLS FOR A COMPLETE INSTALLATION. | |
| 4 RELOCATE EXISTING EQUIPMENT DISCONNECT FROM CURRENT LOCATION TO NEW LOCATION SHOWN. | |
| ⁵ PROVIDE (2)#12, (1)#12G IN 3/4"C TO JUNCTION BOX ABOVE CEILING AND TERMINATE WITH WIRE NUTS FOR FUTURE CONNECTION. CIRCUIT BREAKER SHALL BE TURNED TO THE "OFF" POSITION WITH THE LOCKING DEVICE ENGAGED. | |
| ⁶ PROVIDE (2) 1" CONDUITS FOR AV BETWEEN J1 AND R3 DEVICES & (1)1-1/4" AND (1)1" CONDUITS FOR AV FROM J1 DEVICE TO ABOVE ACCESSIBLE CEILING. | |
| 7 PROVIDE (1)1-1/4" AND (2) 3/4" CONDUITS FOR AV ROUTED ABOVE CEILING FROM PROJECTOR BOX TO ABOVE BP/R2 DEVICES IN ROOM. | |
| 8 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | |
| 9 PROVIDE (2) 1" CONDUITS FOR AV TO ABOVE ACCESSIBLE CEILING. | |
| | BALLINGER |
| | |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | CONSULTANTS: |

GENERAL POWER PLAN NOTES:

THE

CONDITION OF USE

WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS.

04/04/18 ISSUE NO. 14 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5

PROJECT: 15085.00 SCALE: 1/4" = 1'-0"

TITLE:

DRAWING ISSUE

ELECTRICAL

FIRST FLOOR POWER

PLAN PART 2

KEYPLAN:

THE UNIVERSITY GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. OF RHODE ISLAND 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. **NEW ENGINEERING** BUILDING POWER PLAN KEYED NOTES: KINGSTON, RI 1 CONNECT TRANSFORMER SECONDARY GROUND AND TELECOMM GROUNDING BUSBAR TO BUILDING STEEL. PROJECT NO: KC.G.ENGR.2015.002 A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES $^{
m }$ INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. ^{2B} PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. 3 NOT USED. 4 PROVIDE JUNCTION BOX WITH PAD-LOCKABLE OFF TOGGLE DISCONNECT SWITCH IN ACCESSIBLE LOCATION FOR $^{-}$ Signage. Coordinate exact requirements and location with construction manager and signage VENDOR PRIOR TO ROUGH-IN. 5 PROIVDE COST TO INCLUDE SCOPE OF WORK SHOWN IN CAFE. EXACT DEVICE LOCATIONS WILL BE MODIFIED IN A FUTURE REVISION. 6 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE (2) 1" CONDUITS FOR AV ROUTED ABOVE CEILING FROM CB BOX TO ABOVE BP/R3 DEVICES IN ROOM. BALLINGER 8 PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504. 9 INSTALL WON-DOOR PER MANUFACTURER'S REQUIREMENTS. PROVIDE ALL MATERIALS AND CONTROLS FOR A COMPLETE INSTALLATION. 833 CHESTNUT ST, SUITE 1400 10 PROVIDE POWER CONNECTION TO DOOR OPERATOR AND ASSOCIATED ACTUATORS PER MANUFACTURER'S PHILADELPHIA, PA 19107 INSTRUCTIONS. T 215 446 0900 11 CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM PANELBOARD CIRCUIT(S) INDICATED. F 215 446 0901 BALLINGER.COM 12 NOT USED. 13 PROVIDE POWER CONNECTION FROM HEAT TRACE CONTROLLER TO TERMINAL BLOCK AT PIPING. COORDINATE $^{
m -}$ exact locations and requirements with division 23 contractor prior to rough-in. For further CONSULTANTS: INFORMATION, REFER TO DETAIL 7/E504. 14 MOUNT DEVICES IN SIDE WALL OF PROJECTOR NICHE, REFER TO ARCHITECTURAL DRAWINGS. 15 PROVIDE (2) 1" CONDUITS FOR AV TO ABOVE ACCESSIBLE CEILING. 16 PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. 17 EQUIPMENT NOTED SHALL BE PLUGGED INTO TABLETOP RACEWAY. (**F.5**) (**F.4**) (F.3 ALL 120V AND 208V NORMAL CIRCUITS IN THIS AREA SHALL BE SERVED BY PANEL PP-N-1E-1 U.O.N. KEYPLAN: CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. 07/18/18 RFI-521 04/04/18 ISSUE NO. 14 01/19/18 ISSUE NO. 11 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 DRAWING ISSUE PROJECT: 15085.00 SCALE: 1/4" = 1'-0" ELECTRICAL TITLE: FIRST FLOOR POWER E201.4 PLAN PART 4 E201.1 \bigtriangledown NUMBER: E201.4

| . FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. | UNIVERSITY | |
|--|---|--|
| . FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | OF RHODE ISLAND | |
| 1 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | BUILDING KINGSTON, RI | |
| 2 PROVIDE POWER CONNECTION FROM HEAT TRACE CONTROLLER TO TERMINAL BLOCK AT PIPING. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH DIVISION 23 CONTRACTOR PRIOR TO ROUGH-IN. FOR FURTHER | PROJECT NO: KC.G.ENGR.2015.002 | |
| INFORMATION, REFER TO DETAIL 7/E504. | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | BALLINGER | |
| | | |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 | |
| | F 215 446 0901 BALLINGER.COM | |
| | | |
| | CONSULTANTS: | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | KEYPLAN: | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | SEAL: | |
| | | |
| | | |
| DRMAL SHALL BE | | |
| E-1 U.O.N. | | |
| | | |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSFOLIENT USE OF THE INFORMATION CONTAINED ON THE | |
| | DOCUMENT IS SUBJECT TO THE INFORMATION CONTRINCED ON THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF | |
| | THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCIMENT BY BAILINGER SHALL NOT MAKE BAILINGER | |
| | RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. | |
| | | |
| | | |
| | | |
| | | |
| | 06/01/18 ISSUE NO. 19 | |
| | 04/04/18 ISSUE NO. 14 01/19/18 ISSUE NO. 10 | |
| | 00/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 | |
| | UKAWING ISSUE | |
| | PROJECT: 15085.00 SCALE: 1/4" = 1'-0" | |
| | ELECTRICAL | |
| | TITLE: | |
| | FIRST FLOOR POWER | |
| | PLAN PART 5 | |
| | | |
| | NUMBER: | |
| | | |
| | | |
| | | |

GENERAL POWER PLAN NOTES:

1/4" = 1'-0" UTILITY YARD POWER PLAN

| ENERAL POWER PLAN NOTES: | THE UNIVERSITY |
|--|---|
| FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. DWER PLAN KEYED NOTES: PROVIDE POWER CONNECTION TO COMPACTOR MOTOR AND CONTROLS. COORDINATE EXACT LOCATION OF DISCONNECT SWITCH AND CONTROL PANEL PRIOR TO ROUGH-IN. FOR DISCONNECT SIZES, REFER TO SHEET E303. ROUTE BRANCH CIRCUIT CONDUITS BELOW GRADE. PROVIDE EQUIPMENT RACK FOR MOUNTING OF DISTRIBUTION EQUIPMENT. PROVIDE WEATHER PROOF WIREWAY AS INDICATED ON SHEET E302. COORDINATE EXACT LOCATIONS OF CHARGING EQUIPMENT STATIONS WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN. PROVIDE (4)#8, (1)#10G IN (1) 1" CONDUIT BELOW GRADE FROM JUNCTION BOX AND ROUTE TO WITHIN ELECTRICAL | OF RHODE ISLAND NEW ENGINEERING BUILDING KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| - 100E2 FOR FUTURE FORKLIFT CHARGER. | BALLINGER 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |

| KEYPLAN: | |
|----------|------------|
| | |
| | \bigcirc |
| SEAL: | |
| | |
| | |

CONSULTANTS:

UTILITY YARD POWER PLAN

E201.7

NUMBER:

—(D.5)

(C)

B

| 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. POWER PLAN KEYED NOTES: | OF RHODE ISLAND | | |
|--|---|--|--|
| 1A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. | BUILDING KINGSTON, RI | | |
| 1B PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. | PROJECT NO: KC.G.ENGR.2015.002 | | |
| PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504. REPOVIDE (4)4 4/4" AND (4) 4" CONDUITS FOR EXCEPTION FOR EXCEPTION | | | |
| PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | | | |
| | | | |
| | | | |
| | | | |
| | BALLINGER | | |
| | 833 CHESTNUT ST, SUITE 1400 | | |
| | PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 | | |
| | BALLINGER.COM | | |
| | CONSULTANTS: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | KEYPLAN: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | SEAL: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE | | |
| | SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THE DAMIN HOW INFORMATION FOR SUBJECT OF | | |
| | THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE | | |
| | SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. | | |
| | | | |
| | | | |
| | | | |
| | 06/01/18 ISSUE NO 19 | | |
| | 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 | | |
| | 07/31/17 ISSUE NO. 5 DRAWING ISSUE | | |
| | PROJECT: 15085.00 | | |
| | ELECTRICAL | | |
| | TITLE: | | |
| | SECOND FLOOR | | |
| | POWER PLAN PART 2 | | |
| | | | |
| | | | |
| | E202.2 | | |

THE

UNIVERSITY

1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001.

GENERAL POWER PLAN NOTES:

2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2.

GENERAL POWER PLAN NOTES:

1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2.

POWER PLAN KEYED NOTES:

1 CONNECT TRANSFORMER SECONDARY GROUND AND TELECOMM GROUNDING BUSBAR TO BUILDING STEEL.

2 FUME HOOD ALARM CIRCUIT. 3 CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM

PANELBOARD CIRCUIT(S) INDICATED. 4A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED CONTROLS FOR A COMPLETE INSTALLATION.

 $^{-\!-\!-}$ and mount to display box. Coordinate with av contractor prior to rough-in. ^{4B} PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS.

COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.

5 FAUCET/FLUSH VALVES: PROVIDE FLUSH MOUNTED BOX IN WALL (SIZED AND LOCATED PER MANUFCTURER'S FIRST VALVE LOCATION. DIVISION 22 CONTRACTOR SHALL MAKE FINAL LOW VOLTAGE DAISY CHAIN CONNECTIONS TO ADJACENT VALVES.

6 SYSTEMS FURNITURE WIRING SHALL SHARE SAME CIRCUIT INDICATED. CONNECT SWITCHED PORTION OF CIRCUIT TO LIGHTING CONTROLS, REF EL SHEET SERIES.

PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN.

8 PROVIDE POST FROM FLOOR TO ABOVE CEILING AND SECURE TO STRUCTURE FOR ROUTING OF HARDWIRED [→] CONNECTION TO LAB EQUIPMENT SHOWN.

ALL 120V AND 208V NORMAL ALL 120V AND 208V NORMAL CIRCUITS IN THIS AREA SHALL BE SERVED BY PANEL PP-N-2W-L1 U.O.N, 35⊖= CSP1 PP-N-2W-L1/17,19 PP-N-2W-L1/21,23 PP-N-2W-L1/9,11 PP-N-2W-L1/13,15 PP-N-2W-L1/25,27 PP-N-2W-L1/29,31 PP-N-2W-L2/1,3 PP-N-2W-L2/5,7 PP-N-2W-L1/9,11 PP-N-2W-L1/13,15 PP-N-2W-L1/17,19 PP-N-2W-L1/21,23 PP-N-2W-L1/25,27 PP-N-2W-L1/29,31 PP-N-2W-L2/1,3 PP-N-2W-L2/5,7 21,23,25 27 (SWITCHED) MATERIALS IN EXTREME ENVIRONMENTS CSP2 PP-N-2W-L2/6,8 PP-N-2W-L2/6,8 INNOVATION PP-N-2W-L1/10,12 PP-N-2W-L1/10,12 PHYSCIAL MODELING CSP1 CSP1 CSP2 PP-N-2W-L2/10,12 PP-N-2W-L2/10,12
 PP-N-2W-L1/18,20
 PP-N-2W-L1/22,24
 PP-N-2W-L2/26,28
 PP-N-2W-L2/30,32
 PP-N-2W-L2/2,4

 PP-N-2W-L1/18,20
 PP-N-2W-L1/22,24
 PP-N-2W-L2/26,28
 PP-N-2W-L2/30,32
 PP-N-2W-L2/2,4
 PP-N-2W-L1/14,16 PP-N-2W-L1/14,16 PP-UPS-3E/3 PP-UPS-3E/3 FUM6 PP-EOS2-2W-1/ ⁺O ⁺O ⊕+⊕_ PP-N-2W-L1 PP-N-2W-L2 _____PP-N-2E-L4 46,48,50 PP-N-2E-L3 -30A/3P, 45 45 NEMA 1 PP-EOS2-2W-1/9 AC (LE-MIS-0510) UNDERGRADUATE THERMAL FLUIDS SOLIDS LAB LAB 225 EC (LE-MIS-0502) TRAP PRIMER TP-1 J 25 I F-MIS-0465 CD (1) 28 WT.C CSP2 MOTORIZED PROJECTION SCREEN (LE-MIS-0520) PP-N-2E-L4/29,31 CSP1 CSP1 PP-N-2E-L4/29,31 PP-N-2E-L4/9,11 PP-N-2E-L4/13,15 PP-N-2E-L4/17,19 PP-N-2E-L4/25,27 PP-N-2E-L3/5,7 PP-N-2E-L4/9,11 PP-N-2E-L4/13,15 PP-N-2E-L4/25,27 PP-N-2E-L3/5,7 PP-N-2E-L3/9,11 PP-N-2E-L4/17,19 -FOR CORD DROP DETAIL, REF 6/E504, TYP MOTORIZED PROJECTION SCREEN-E-MIS-051 OS.3 37 ⊖— | INS.2 CEILING MOUNTED PROJECTOR-----(LE-MIS-0507) (LE-MIS-0464) (LE-MIS-0514) LAB SUPPORT 230A INS. (LE-MIS-0462) 10 INS.C1 (LE-MIS-0463) 37 CEILING MOUNTED OV.2 PROJECTOR (LE-MIS-0511) CSP1 CSP1 CSP1 CSP1 CSP2 CSP2 CSP2 PP-N-2E-L4/10,12 PP-N-2E-L4/14,16 PP-N-2E-L4/10,12 PP-N-2E-L4/14,16 PP-N-2E-L4/18,20 PP-N-2E-L4/22,24 PP-N-2E-L4/18,20 PP-N-2E-L4/22,24 PP-N-2E-L4/26,28 PP-N-2E-L4/30,32 + PP-N-2E-L3/2,4 PP-N-2E-L4/26,28 PP-N-2E-L4/30,32 + PP-N-2E-L3/2,4 PP-N-2E-L3/6,8 PP-N-2E-L3/6,8 OV.3 (LE-MIS-0512) (LE-MIS-0461) CD (40 ABOVE CEILING DY (LE-MIS-0460) ____ PP-UPS-3E/ 36 (LE-MIS-0503) CR ALL 120V AND 208V NORMAL ALL 120V AND 208V NORMAL

CIRCUITS IN THIS AREA SHALL BE

SERVED BY PANEL PP-N-2E-L4 U.O.N.

NUMBER:

E202.3

| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. | - UNIVERSITY |
|---|--|
| 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | OF RHODE ISLAND |
| POWER PLAN ALTERNATE NOTES: 1. FOR ALTERNATE SCOPE OF WORK, REFER TO 1/E220. | |
| POWER PLAN KEYED NOTES: | PROJECT NO: KC.G.ENGR.2015.002 |
| 2 FUME HOOD ALARM CIRCUIT. | |
| CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM PANELBOARD CIRCUIT(S) INDICATED. | |
| INEP TAPPROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. | |
| PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. STANDARD HEIGHTS. ST | |
| RECORNECT AS REQUIRED. BROVIDE LEMC DROP FROM CEILING TO FOLIPMENT AS SHOWN PROVIDE STRAIN RELIEF SIMILAR TO 6/E504 | |
| CONNECT LAB EQUIPMENT TO BRANCH CIRCUITS EXACTLY AS IDENTIFIED ON PANELBOARD SCHEDULE DUE TO LOADING REQUIREMENTS. | |
| 8 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | BALLINGER |
| 9 PROVIDE (2) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. | 833 CHESTNUT ST, SUITE 1400 |
| DEVICES IN ROOM. 11 PROVIDE DOUG MOCKET PCS73/USB, OR EQUIVALENT, COUNTERTOP MOUNTED DEVICE. CONFIRM COLOR WITH | PHILADELPHIA, PA 19107 T 215 446 0900 E 215 446 0901 |
| ARCHITECT PRIOR TO PURCHASE. PROVIDE WITH 12' CORD AND COORDINATE EXACT LOCATION IN FIELD TO ALLON DEVICE TO PLUG INTO ADJACENT RECEPTACLE. | N BALLINGER.COM |
| PROVIDE FLUSH MOUNTED JUNCTION BOX AT +18 AFF WITH (1) T EMIT AND PULLSTRING TO NORMAL POWER PANE SERVING AREA. [13] COORDINATE LOCATIONS AND REQUIREMENTS OF ALL DISCONNECT SWITCHES AND POWER CONNECTIONS TO | |
| HVAC AND PLUMBING EQUIPMENT WITH DIVISION 22 AND 23 CONTRACTORS PRIOR TO ROUGH IN. 14 PROVIDE (2) 1" CONDUITS FOR AV TO ABOVE ACCESSIBLE CEILING. | |
| | |
| | |
| | |
| | |
| | |
| | |
| — – — (F.5) | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| (F) | |
| AND 208V NORMAL THIS AREA SHALL BE ANEL PP-N-2E-1 U.O.N. | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | |
| | |
| | SEAL: |
| | |
| | |
| | |
| | |
| | CONDITION OF USE |
| | WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO |
| | BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR |
| | PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR |
| | PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | |
| E | |
| | 07/18/18 PEI 521 |
| | 06/01/18 ISSUE NO. 19 04/04/18 ISSUE NO. 14 |
| | 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 |
| | 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E |
| | PROJECT: 15085.00 |
| | $\frac{\text{SCALE:} 1/4" = 1'-0"}{\text{ELECTRICAL}}$ |
| | TITLE: |
| | SECOND FLOOR |
| | POWER PLAN PART 4 |
| | |
| | NUMBER: |
| | F2024 |
| | |

| JMBER: |
|--------|
| E202.5 |

| DEVICES | |
|-----------------|--|
| IGHTS. | PROJECT NO. KC.G.ENGR.2013.002 |
| VER FROM DEVICE | |
| | |
| | |
| | |
| | |
| | |
| | BALLINGER |
| | |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 |
| | F 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | |
| | |
| | |
| | SEAL: |
| | |
| | |
| | |
| | |
| | |
| | CONDITION OF USE |
| | WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE |
| | DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF |
| | THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY DALLINGED SUMMERS |
| | RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS |
| | |
| | |
| | |
| | |
| | |
| | |
| | 1/19/17 ISSUE NO. 10 08/24/17 ISSUE NO. 6 |
| | 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E |
| | |
| | SCALE: 1/4" = 1'-0" |
| | ELECTRICAL |
| | TITLE: |
| | |
| | POWER PLAN PART 5 |
| | |
| | |
| | NUMBER: |

1B PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIG COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.

PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504.

3 PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING.

1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001.

2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2.

GENERAL POWER PLAN NOTES:

POWER PLAN KEYED NOTES:

NEW ENGINEERING BUILDING 1A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.

THE

UNIVERSITY

OF RHODE ISLAND

—(D.5) (D)

(C)

—(B)

| | NEW ENGINEERING BUILDING |
|--|--|
| PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. | KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE | |
| PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. | |
| EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | |
| | |
| | |
| | BALLINGER |
| | 833 CHESTNUT ST, SUITE 1400 |
| | PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 |
| | BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | |
| | |
| | SEAL: |
| | |
| | |
| | |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR. IN EITHER PAPER OR FLECTPONIC FORM THE |
| | SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS SUBJECT |
| | This DOCUMENT AVAILABLE TO SUBJECT IN ACTORS, SOLECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBJCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE |
| | SUBCONTRACTORS SHOP DRAWINGS, NOK RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | |
| | |
| | |
| | 07/18/18 RFI-521 01/19/18 ISSUE NO. 10 |
| | 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 |
| | PROJECT: 15085.00 |
| | SCALE: 1/4" = 1'-0" |
| | |
| | THIRD FLOOR POWER |
| | PLAN PART 2 |
| | |
| | |
| | |

THE

UNIVERSITY

OF RHODE ISLAND

1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001.

2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2.

GENERAL POWER PLAN NOTES:

| FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. POWER PLAN ALTERNATE NOTES: | OF RHODE ISLAND NEW ENGINEERING BUILDING |
|--|--|
| 1. FOR ALTERNATE SCOPE OF WORK, REFER TO 2/E220. POWER PLAN KEYED NOTES: | KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| 1 CONNECT TRANSFORMER SECONDARY GROUND AND TELECOMM GROUNDING BUSBAR TO BUILDING STEEL. | |
| CEILING SERVICE PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP FROM PANELBOARD CIRCUIT(S) INDICATED. | |
| 4 NOT USED. 5 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE | |
| EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. INSTALL WON-DOOR OR SMOKE CURTAIN PER MANUFACTURER'S REQUIREMENTS. PROVIDE ALL MATERIALS AND CONTROL S FOR A COMPLETE INSTALLATION | |
| PROVIDE DOUG MOCKET PCS73/USB, OR EQUIVALENT, COUNTERTOP MOUNTED DEVICE. CONFIRM COLOR WITH ARCHITECT PRIOR TO PURCHASE. PROVIDE WITH 12' CORD AND COORDINATE EXACT LOCATION IN FIELD TO ALLOW | |
| 8 PROVIDE FLUSH MOUNTED JUNCTION BOX AT +18" AFF WITH (1) 1" EMT AND PULLSTRING TO NORMAL POWER PANEL SERVING AREA. | BALLINGER |
| | 833 CHESTNUT ST, SUITE 1400 |
| | PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 |
| | BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| (F.5) | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| (F) | |
| 208V NORMAL AREA SHALL BE PP-N-3E-1 U.O.N. | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | CONDITION OF USE |
| | CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, TH SUBSEQUENT USE OF THE INFORMATION CONTAINED ON TH DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FURCE |
| | THIS DOCUMENT. CUN I KAUT OK MAY MAKE ELECTRONIC FILES O THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJEC TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER |
| | RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | |
| (E) | |
| | 07/18/18 RFI-521 |
| | 00/01/10 ISSUE NO. 19 05/25/18 RFI-506 04/17/18 ISSUE NO. 15 |
| | 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 |
| | DRAWING ISSUE |
| | PROJECT: 15085.00 SCALE: 1/4" = 1'-0" |
| | ELECTRICAL |
| | |
| | THIRD FLOOR POWER PLAN PART 4 |
| | |
| | NUMBER: |
| | F2021 |
| | |

GENERAL POWER PLAN NOTES:

UNIVERSITY

| | | |
|------|------|--|
| | | |
| | | |
| | | |

| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | THE UNIVERSITY OF RHODE ISLAND |
|--|--|
| POWER PLAN KEYED NOTES: IA PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICE INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. IB PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FRO DEVICE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504. | NEW ENGINEERING BUILDING KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| 3 PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. 4 PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDI EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. | INATE |
| | BALLINGER |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | SEAL: |
| | |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT PAIL INCOR BALLINGER SHOLD OF THIS |
| | RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | 07/18/18 RFI-521 04/17/18 ISSUE NO. 15 |
| | 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 |
| | $\frac{\text{SCALE: } 1/4" = 1'-0"}{\text{E L E C T R I C A L}}$ TITLE: |
| | THIRD FLOOR POWER PLAN PART 5 |
| | NUMBER: E203.5 |

—(D.5) (\mathbf{D})

(C)

- B

| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. POWER PLAN KEYED NOTES: 1A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. 1B PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. 2 PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE TO ABOVE ACCESSIBLE CEILING. 3 PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. | THE UNIVERSITY OF RHODE ISLAND NEW ENGINEERING BUILDING KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
|---|---|
| 4 PROVIDE POWER CONNECTION TO DOOR OPERATOR AND ASSOCIATED ACTUATORS PER MANUFACTURER'S INSTRUCTIONS. | BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | KEYPLAN: Image: Image |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGERS COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTORS SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS SHOP DRAWINGS, NOR SHOP DRAWINGS, NOR SHOP DRAWINGS, NOR SHOP DRAWINGS, NOR SHOP DRAWINGS, N |
| | 1/19/17 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 SCALE: 1/4" = 1'-0" E L E C T R I C A L TITLE: |
| E204.1 E204.2 E204.2 E204.2 | FOURTH FLOOR POWER PLAN PART 2 |

| POWER PLAN ALTER 1. FOR ALTERNATI | RNATE NOTES: E SCOPE OF WORK, REFER TO 1/E221. | | | THE UNIVERSITY OF RHODE ISLAND NEW ENGINEERING BUILDING |
|--|---|---|---|---|
| 9 INSTALL WON- COMPLETE INS 10 PROVIDE DOU ARCHITECT PF DEVICE TO PL 11 PROVIDE FLUS SERVING ARE | -DOOR PER MANUFACTURER'S REQUIR STALLATION. IG MOCKET PCS73/USB, OR EQUIVALEN RIOR TO PURCHASE. PROVIDE WITH 12 UG INTO ADJACENT RECEPTACLE. SH MOUNTED JUNCTION BOX AT +18" A A. | TEMENTS. PROVIDE ALL MATERIALS AND CO IT, COUNTERTOP MOUNTED DEVICE. CONF CORD AND COORDINATE EXACT LOCATION FF WITH (1) 1" EMT AND PULLSTRING TO NO | INTROLS FOR A RM COLOR WITH IN FIELD TO ALLOW RMAL POWER PANEL | KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| | | | | BALLINGER 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 |
| 20V AND 208V NORMAL S IN THIS AREA SHALL BE Y PANEL PP-N-4W-L2 U.O.N. | | | | F 215 446 0901 BALLINGER.COM |
| | | | | |
| | FUTURE EXPANSION | | | |
| | | | | |
| | | | | |
| CSP1 CSP1 PP-N-4E-L3/13,15 | ⊕ ₊ 49 9 P-N-4E-L3/17,19 PP-N-4E-L3/21,23 | SP1 CSP1 PP-N-4E-L3/25,27 | F | KEYPLAN: |
| P-N-4E-L3/13,15 | P-N-4E-L3/17,19 PP-N-4E-L3/21,23 SMART CITIES 430 | PP-N-4E-L3/25,27 | | SEAL: |
| CSP3 CSP3 PP-N-4E-L3/16,18 PP-N-4E-L3/16,18 PP-N-4E-L3/14 A | P-N-4E-L3/20,22 P-N-4E-L3/20,22 P-N-4E-L3/24 P-N-4E-L3/24 P-N-4E-L3/24 P-N-4E-L3/24 | SP3 CSP3 PP-N-4E-L3/30,32 PP-N-4E-L3/30,32 PP-N-4E-L3/34 | | CONDITION OF USE |
| | | | | WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTORS SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | ALL 120V AND 208V NORMAL CIRCUITS IN THIS AREA SHALL BE SERVED BY PANEL PP-N-4E-L3 U.O.N. | | E | 07/18/18 RFI-521 06/29/18 ISSUE NO. 21 06/01/18 ISSUE NO. 19 05/08/18 ISSUE NO. 17 04/04/18 ISSUE NO. 17 04/04/18 ISSUE NO. 14 01/19/18 ISSUE NO. 10 10/26/17 ISSUE NO. 8 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 SCALE: 1/4" = 1'-0" E L E C T R I C A L TITLE: |
| | | | | FOURTH FLOOR POWER PLAN PART 3 |
| | | | | NUMBER: E204.3 |

| ENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. | OF RHODE ISLAND |
|--|--|
| COPE OF WORK, REFER TO 1/E221. COPE OF WORK, REFER TO 3/E220. | BUILDING KINGSTON, RI |
| ORMER SECONDARY GROUND, TELECOMM GROUNDING BUSBAR, AND FLAMMABLE STORAGE ING STEEL. | PROJECT NO: KC.G.ENGR.2015.002 |
| PANEL (CSP) FURNISHED AND INSTALLED BY OTHERS. PROVIDE POWER CONNECTION TO CSP | |
| ATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 22/23 EQUIPMENT. COORDINATE | |
| T LOCATION OF CEILING MOUNTED DEVICES WITH MANUFACTURER'S REQUIREMENTS PRIOR TO | |
| CKET PCS73/USB, OR EQUIVALENT, COUNTERTOP MOUNTED DEVICE. CONFIRM COLOR WITH TO PURCHASE. PROVIDE WITH 12' CORD AND COORDINATE EXACT LOCATION IN FIELD TO ALLOW ITO ADJACENT RECEPTACLE. | |
| DUNTED JUNCTION BOX AT +18" AFF WITH (1) 1" EMT AND PULLSTRING TO NORMAL POWER PANEL | BALLINGLN |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPLAN: |
| | |
| | |
| | |
| | |
| | |
| | |
| | CONDITION OF USE |
| | WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR WAY WERE DESCRIPTION |
| | THIS DOCUMENT AVAILABLE TO SUBACONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTORS OF DRAWINGS THE |
| | SUBCON I KACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | |
| | |
| | |
| | 1/19/17 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 |
| | |
| | $\frac{PROJECT: 15085.00}{SCALE: 1/4" = 1'-0"}$ |
| | TITLE: |
| | |
| | |
| | NUMBER: |
| | E204.4 |

UNIVERSITY

| GENERAL POWER PLAN NOTES: | THE |
|---|--|
| FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. FOR ADDITIONAL GENERAL POWER PLAN NOTES. REFER TO SHEET E200.2. | UNIVERSITY |
| POWER PLAN KEYED NOTES: | NEW ENGINEERING |
| 1A PROVIDE DISPLAY BOX FLUSH MOUNTED IN WALL BEHIND TV. PROVIDE TELE/DATA AND ELECTRICAL DEVICES INDICATED AND MOUNT TO DISPLAY BOX. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. | BUILDING KINGSTON, RI |
| 1B PROVIDE DEVICES INDICATED AND FLUSH MOUNT CENTERED BELOW DISPLAY BOX AT STANDARD HEIGHTS. COORDINATE WITH AV CONTRACTOR PRIOR TO ROUGH-IN. | PROJECT NO: KC.G.ENGR.2015.002 |
| 2 PROVIDE (2) 1" CONDUITS FOR AV, (1) 1-1/4" CONDUIT FOR TELE/DATA, AND (1) 3/4" CONDUIT FOR POWER FROM DEVICE TO ABOVE ACCESSIBLE CEILING, REFER TO DETAIL 8/E504. | |
| 3 PROVIDE (1)1-1/4" AND (1) 1" CONDUITS FOR AV FROM DEVICE TO ABOVE ACCESSIBLE CEILING. | |
| INSTRUCTIONS. | |
| | |
| | |
| | |
| | BALLINGER |
| | |
| | 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 |
| | F 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | |
| | CONSULTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | KEYPI AN: |
| | |
| | |
| | |
| | |
| | |
| | SEAL: |
| | |
| | |
| | |
| | |
| | |
| | |
| | CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO |
| | BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A COMMENTENCE TO SUBCULAR DOCUMENTS |
| | RESPONSIBLE IN ANY WAY FOR ANY ASPECTOR'S HORD |
| | SUBCONTRACTORS FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| | |
| | |
| | |
| | |
| | |
| | 1/19/17 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/21/17 IOOUE NO. 5 |
| | DRAWING ISSUE |
| | PROJECT: 15085.00 |
| | SCALE: 1/4" = 1'-0" |
| | |
| | |
| | |
| | FUVVER PLAN PART 5 |
| | |
| | NUMBER: |
| | |

| GENERAL POWER PLAN NOTES: 1. FOR DRAWING NOTES, ABBREVIATIONS, MOUNTING HEIGHTS, AND SYMBOLS, REFER TO SHEET E001. 2. FOR ADDITIONAL GENERAL POWER PLAN NOTES, REFER TO SHEET E200.2. POWER PLAN KEYED NOTES: | THE UNIVERSITY OF RHODE ISLAND NEW ENGINEERING BUILDING |
|---|---|
| CONNECT TRANSFORMER SECONDARY GROUND TO BUILDING STEEL. PROVIDE POWER CONNECTION TO EQUIPMENT CONTROL PANEL. COORDINATE EXACT LOCATION IN FIELD. INSTALL DIVISION 22/23 FURNISHED VFD AND PROVIDE POWER CONNECTION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION AND DISCONNECT SWITCH, SIZED AS INDICATED ON SINGLE LINE DIAGRAM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR SWITCH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE MOTOR RATED TOGGLE SWITCH AND POWER CONNECTION TO DIVISION 23 EQUIPMENT. COORDINATE | KINGSTON, RI PROJECT NO: KC.G.ENGR.2015.002 |
| EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE DISCONNECT SWITCH, SIZED AS INDICATED, AND POWER CONNECTION TO DIVISION 23 EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION FROM HEAT TRACE CONTROLLER TO TERMINAL BLOCK AT PIPING. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION FROM HEAT TRACE CONTROLLER TO TERMINAL BLOCK AT PIPING. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH DIVISION 22/23 CONTRACTOR PRIOR TO ROUGH-IN. FOR FURTHER INFORMATION, REFER TO DETAIL 7/E504. PROVIDE POWER CONNECTION TO FACTORY PROVIDED DISCONNECT SWITCH (NOT SHOWN). | |
| | BALLINGER 833 CHESTNUT ST, SUITE 1400 PHILADELPHIA, PA 19107 T 215 446 0900 F 215 446 0901 BALLINGER.COM |
| | CONSULTANTS: |
| | |
| (F.5) | |
| | |
| | |
| | |
| ALL 120V AND 208V NORMAL CIRCUITS IN THIS AREA SHALL BE SERVED BY PANEL PP-N-M U.O.N. | |
| | KEYPLAN: |
| | |
| | SEAL: |
| | CONDITION OF USE WHEN THIS DOCUMENT IS SUPPLIED TO EITHER OWNER OR CONTRACTOR, IN EITHER PAPER OR ELECTRONIC FORM, THE SUBSEQUENT USE OF THE INFORMATION CONTAINED ON THE DOCUMENT IS SUBJECT TO THE CONDITIONS OF THE |
| | AGREEMENT BETWEEN THE OWNER AND BALLINGER AND TO BALLINGER'S COPYRIGHT AND OTHER SUCH RIGHTS IN THIS DOCUMENT. CONTRACTOR MAY MAKE ELECTRONIC FILES OF THIS DOCUMENT AVAILABLE TO SUBCONTRACTORS, SUBJECT TO THIS STATEMENT OF CONDITIONS OF USE, SOLELY AS A CONVENIENCE TO SUCH SUBCONTRACTORS IN THEIR PREPERATION OF SHOP DRAWINGS. THE PROVISION OF THIS DOCUMENT BY BALLINGER SHALL NOT MAKE BALLINGER RESPONSIBLE IN ANY WAY FOR ANY ASPECT OF THE SUBCONTRACTOR'S SHOP DRAWINGS, NOR RELIEVE SUBCONTRACTOR'S FROM FULL RESPONSIBILITY FOR PERPERATION OF THEIR REQUIRED SHOP DRAWINGS. |
| E | |
| | 06/29/18 ISSUE NO. 21 01/19/18 ISSUE NO. 10 08/24/17 ISSUE NO. 6 07/31/17 ISSUE NO. 5 D R A W I N G I S S U E PROJECT: 15085.00 |
| | ELECTRICAL TITLE: MECHANICAL FLOOR |
| | |
| | L200.4 |

| | RESEA | RCH LABORATORY EQU | JIPMENT S | CHEDULE - | NEW | | |
|---------|--------------------------------|--------------------------|-----------|-----------|------|--------|---------------|
| TAG | DESCRIPTION | LOCATION | VOLTS | PHASE | AMPS | VA | CONNECTION |
| ACID6 | 6' ACID CHEMICAL FUME HOOD | GLASSWASH 075 | 120 | 1 | - | 503 | (HARDWIRED) |
| BSC4 | 4' BIOLOGICAL SAFETY CABINET | BIO MED WET SUPPORT 325A | 120 | 1 | - | 503 | 5-20 |
| BSC6 | 6' BIOLOGICAL SAFETY CABINET | NANO MAT. SUPPORT 335A | 120 | 1 | - | 503 | 5-20 |
| CFM | CONFOCAL MICROSCOPE (FUTURE) | IMAGING 060 | TBD | TBD | TBD | TBD | TBD |
| DELI-F | DELI FREEZER | BIO MED WET 325 | 120 | 1 | 11.6 | 1392 | 5-20 |
| DELI-R | DELI REFRIGERATOR | BIO MED WET 325 | 120 | 1 | 5.8 | 696 | 5-20 |
| FLAM-1 | FLAMMABLE STORAGE CABINET | BIO MED WET 325 | - | - | - | - | - |
| FLAM-2 | FLAMMABLE STORAGE WALL CABINET | ROBOTICS 440 | - | - | - | - | |
| FUM6 | 6' CHEMICAL FUME HOOD | MULTIPLE - REF PLANS | 120 | 1 | - | 503 | (HARDWIRED) |
| GWD1/2 | GLASSWARE WASHER/DRYER | ANALYTICAL CORE 067 | 480 | 3 | 25.5 | 21,200 | (HARDWIRED { |
| ICE | ICE FLAKER | ANALYTICAL CORE 067 | 120 | 1 | - | 854 | 5-20 |
| INC | INCUBATOR | MULTIPLE - REF PLANS | 120 | 1 | 3.6 | 432 | 5-20 |
| RO | REVERSE OSMOSIS SYSTEM | ANALYTICAL CORE 067 | 120 | 1 | - | 503 | 5-20 |
| ST1/ST2 | STEAM STERILIZER - CONTROLS | ANALYTICAL CORE 067 | 120 | 1 | 2 | 240 | > HARDWIRED |
| ST1/ST2 | STEAM STERILIZER - VACUUM PUMP | ANALYTICAL CORE 067 | 480 | 3 | 3 | 2500 | > HARDWIRED } |
| UCF | UNDERCOUNTER FREEZER | WATER LAB 340 | 120 | 1 | - | 307 | 5-20 |
| UFRZ | ULTRA-LOW FREEZER | BIO MED WET 325 | 120 | 1 | - | 600 | 5-20 |

| [| | | | | | | | |
|-------------|---------------|---------------------------------|---------------------------|----------|--|--|-------------|------------|
| | | RESEARCH LABO | RATORY EQUIPMENT | SCHEDULE | - EXISTING | j | | |
| TAG | HILL # | DESCRIPTION | LOCATION | VOLTS | PHASE | AMPS | VA | CONNECTION |
| AFM | LE-CHE-0377 | | ANALYTICAL CORE 067 | 120 | 1 | - | - | 5-20 |
| CFIVI | (NEW) | | SHOP 180A | 120 | 1 | _ | 792 | 5-20 |
| CNC-LATHE-2 | LE-MIS-0307 | CNC TABLE TOP LALTHE | SHOP 180A | 120 | 1 | _ | 792 | 5-20 |
| CNC-MILL-1 | LE-MIS-0305 | CNC TABLE TOP MILL | SHOP 180A | 120 | 1 | | 792 | 5-20 |
| CNC-MILL-2 | LE-MIS-0304 | CNC TABLE TOP MILL | SHOP 180A | | | | | 5-20 |
| COMP | LE-MIS-0326 | | SHOP 180A | 120 | | <u> </u> | 600 (| 5-20 |
| EFSEM | LE-IVIIS-0066 | | CLOSET 050 | 120 | 1 | - 78 | 997 | 5-20 |
| FESEM | LE-CHE-0287 | CHILLER | CLOSET 050 | 208 | 1 | 8.8 | 1830 | L6-30 |
| FESEM | LE-CHE-0288 | ROTARY PUMP | CLOSET 050 | 120 | 1 | 6.4 | 768 | 5-20 |
| FESEM | LE-CHE-0289 | CRYO-XFER STATION | CLOSET 050 | 120 | 1 | 8 | 960 (| 5-20 < |
| FESEM | | STATION | IMAGING 060B | | | | | |
| | | | | | | | | 2x L6-30 |
| FESEIVI | LE-CHE-0292 | | IMAGING 060B | 120 | 1 | - | 997 | 5-20 |
| FESEM | LE-CHE-0294 | OXFORD INSTRUMENTS | IMAGING 060B | 120 | 1 | - | 997 | 5-20 |
| FRZ-1 | LE-COE-0072 | UPRIGHT FREEZER | BIO MED WET 325 | 120 | 1 | - | 701 | 5-20 < |
| FRZ-2 | LE-CVE-0477 | UPRIGHT FREEZER | BIO MED WET 325 | 120 | 1 | - | 701 (| 5-20 |
| FRZ-3 | LE-CVE-0263 | UPRIGHT FREEZER | BIO MED WET 325 | 120 | 1 | 2 | 240 (| 5-20 |
| | | | | 208 | | | 624 | <u> </u> |
| GCMS | LE-CVE-0440 | VACUUM PUMP | ANALYTICAL CORE 067 | | $ \mathbf{\mu} \mathbf{\mu} \mathbf{\mu} \mathbf{\mu} \mathbf{\mu} $ | 4.4 | 528 | 5-20 |
| GCMS | LE-CVE-0441 | GAS CHROMATOGRAPHY MASS SPECTR. | ANALYTICAL CORE 067 | 120 | 1 | - | 503 | 5-20 < |
| GCMS | LE-CVE-0443 | GAS CHROMOTOGRAPH | ANALYTICAL CORE 067 | 120 | 1 | - | 503 | 5-20 |
| GCMS | LE-CVE-0448 | PURGE & TRAP | ANALYTICAL CORE 067 | 120 | 1 | 8 | 920 { | 5-20 |
| HBS | LE-COE-0083 | | SHOP 180A | 208 | 1 | / | 207 | 6-15 |
| | LE-CHE-0380 | | | 208 | 3 | 24 | | |
| | LE-CHE-0095 | LAMINAR FLOW HOOD | IMAGING PREP 048 | 120 | | | 503 | 5-20 |
| {LATHE-1 | LE-COE-0078 | MANUAL LATHE | SHOP 180A | | | 8.6 | 3099 | L15-20 |
| LATHE-2 | LE-MIS-0299 | MANUAL LATHE | SHOP 180A | 208 | 3 | | 7025 | L15-30 |
| LSA | LE-CHE-0472 | | ANALYTICAL CORE 067 | - | - | - | - | - |
| | LE-CHE-0473 | | ANALYTICAL CORE 067 | - 208 | - | - | - 2300 | - |
| MILL-1 | LE-MIS-0291 | MANUAL MILL | SHOP 180A | 208 | 3 | 3.8 | 1370 | L15-30. * |
| OPT | EF-CHE-0060 | OPTICAL TABLE | BIO MED WET SUPPORT 325B | 120 | 1 | - | 1080 | 5-20 |
| PP-1/PP-2 | FUTURE | PILOT PLANT SET UP | WATER LAB 340 | TBD | TBD | TBD | TBD | TBD |
| RAD | TBD | RADIATION DETECTOR | PHYS. MODEL SUPPORT 220A3 | TBD | TBD | TBD | TBD | TBD |
| REF-1 | LE-COE-0025 | | BIO MED WET 325 | 120 | 1 | - | 701 | 5-20 |
| REF-2 | LE-COE-0073 | | BIO MED WET 325 | 120 | 1 | - | 701 | 5-20 |
| REF-4 | LE-COE-0048 | UPRIGHT REFRIGERATOR | BIO MED WET 325 | 120 | 1 | - | 701 | 5-20 |
| REF-5 | LE-CVE-0262 | UPRIGHT REFRIGERATOR | BIO MED WET 325 | 120 | 1 | - | 701 | 5-20 |
| REF-6 | EF-CHE-0590 | UPRIGHT REFRIGERATOR | NANO MATERIALS SUP. 335A | 120 | 1 | - | 701 | 5-20 |
| REF-7 | LE-CVE-0477 | | WATER LAB 340 | 120 | 1 | - | 701 | 5-20 |
| RFG | LE-COE-0120-2 | REFIELD GENERATOR - CONTROLLER | NANO MATERIALS 335 | 120 | 1 | - 59 | 708 | 5-20 |
| ROUT | LE-COE-0079 | ROUTER TABLE | SHOP 180A | 208 | 1 | - | 3890 | L6-30 |
| SA | LE-COE-0064 | SURFACE ANALYZER | IMAGING 060A | 208 | 1 | - | 6760 | HARDWIRED |
| SEM | LE-COE-0063 | SCANNING ELECRON MISCROSCOPE | IMAGING 060A | - | - | - | - | |
| SEM | LE-COE-0063-2 | EDS SYSTEM | IMAGING 060A | 120 | 1 | - | 997 | 5-20 |
| SEM | LE-COE-0063-4 | CHILLER | CLOSET 050 | 120 | 1 | - | 997 | |
| | LE-CUE-0005-7 | | | 120 | 1 | - | 5000 | 5-20 |
| SPD | LE-COE-0058 | SPRAY DRYER | BIO MED WET 325 | 208 | 1 | - | 2900 | 6-15 |
| SPD | LE-COE-0058 | SPRAY CHILLER | BIO MED WET 325 | 208 | 1 | - | 1400 | 6-15 |
| SPD | LE-COE-0058 | DEHUMIDIFIER | BIO MED WET 325 | 208 | 1 | - | 700 | 6-15 |
| SPD | LE-COE-0058 | MISC. | BIO MED WET 325 | 120 | 1 | - | 180 | 5-20 |
| SPECT | LE-MIS-0155 | | ANALYTICAL CORE 067 | - | - | - | - | |
| TEM | LE-IVIIS-0156 | TRANSMISSION ELECTRON MISCRO | ANALYTICAL CORE 067 | - 120 | - | - | 480 | 5-20 |
| TEM | LE-COE-0001-2 | COMPUTER TOWER | IMAGING 060B | 120 | 1 | _ | - | 5-20 |
| TEM | LE-COE-0001-3 | TRANSFORMER | IMAGING 060B | 208 | 1 | - | 7000 | HARDWIRED |
| TEM | LE-COE-0001-4 | MECHANICAL (ROTARY) PUMP | IMAGING 060B | 120 | 1 | - | 997 | 5-20 |
| TEM | LE-COE-0001-5 | EDS-DETECTOR | IMAGING 060B | 120 | 1 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 997 | 5-20 |
| | | | | | | | 701 | HARDWIRED |
| UCF-1 | LE-CHE-0392 | | NANO MAT SUPPORT 3354 | 120 | 1 | - | 701 | 5-20 |
| UCR-1 | LE-CHE-0486 | UNDERCOUNTER REFRIGERATOR | NANO MATERIALS 335 | 120 | 1 | - | 701 | 5-20 |
| UCR-2 | LE-MIS-0157 | UNDERCOUNTER REFRIGERATOR | NANO MATERIALS 335 | 120 | 1 | _ | 701 | 5-20 |
| VBS | LE-COE-0076 | VERTICAL BAND SAW | SHOP 180A | 208 | 3 | 11 | 3963 | L15-20 |
| WP-1 | LE-CHE-0444 | WATER POLISHER | NANO MATERIALS 335 | 120 | 1 | - | 180 | 5-20 |
| WP-2 | LE-UVE-0517 | | WATER LAB 340 | 202 | 2 | - 20 | 180 7205 | 115 20 |
| XRD-C | LE-CHE-0169 | | XRD 048A | 208 | 5 1 | 11.65 | 2423 | 16-20 |
| | | 0 | | | | | _ | |

| TAG | HILL # | DESCRIPTION | LOCATION | VOLTS | PHASE | AMPS | VA | CONNECTIO |
|------------------|------------------------------|--|--|----------------|-------------------|----------|-------------------|------------|
| 3DP.1 | LE-ECB-0376 | 3D PRINTER | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 503 | 5-20 |
| 3DP.2 | LE-ECB-0377 | 3D PRINTER | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 503 | 5-20 |
| 3DS | LE-ECB-0375 | | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 503 | |
| ADTM | LE-MIS-0080 | AUTOMATED DEFLECTION TEMP MEAS | METROLOGY 169 | 120 | 1 | 997 | - | 5-20 |
| AMP | LE-ECB-0494 | CURRENT AMPLIFIER | BME LAB 110 | 120 | 1 | - | 307 | 5-20 |
| BA | LE-MIS-0515 | BRIDGE AMPLIFIER METER | UNDERGRAD LAB 225 | | | | 307 | 5-20 |
| | | BENCHTOP COOLING TOWER | CHEM ENG SENIOR LAB 240 | | $\mu \nu \mu \nu$ | - 625 | | L5-30 |
| BIS.C | LE-CHE-0308 | BENCH INSTRON - COMPUTER | CHEM ENG MAT LAB 235 | 120 | 1 | - | 307 | 5-20 |
| BM | LE-MIS-0506 | BROOKFIELD MACHINE #2 | THERMAL FLUIDS LAB 230 | 120 | 1 | - | - | 5-20 |
| BR | LE-CHE-0028 | CSTR - BATCH REACTOR | CHEM ENG SENIOR LAB 240 | - | - | - | - | |
| BR | LE-CHE-0029 | CSTR - BATCH REACTOR DISCONTINUED | CHEM ENG SENIOR LAB 240 | - | - | - | - | - |
| BR | LE-CHE-0031 | CSTR - POWER SUPPLY | CHEM ENG SENIOR LAB 240 | 120 | 1 | - | 997 | 5-20 |
| BSW | LE-ECB-0440 | BAND SAW | SUPPORT 110A | 120 | 1 | - | 503 | 5-20 |
| BU | LE-CHE-0026 | BLOWER - ELEC PANEL | CHEM ENG SENIOR LAB 240 | 240 | 3 | 50 | - | |
| CFP.1 | LE-CVE-0001(1 of 2) | CENTRIFUGAL PUMP | HYDRAULICS 100 | 120 | 1 | 9.8 | 1176 | 5-20 |
| CFP.2 | LE-CVE-0001(2 of 2) | CENTRIFUGAL PUMP | HYDRAULICS 100 | 120 | 1 | 9.8 | 1176 | 5-20 |
| СН | LE-CHE-0319 | CHAMBER | CHEM ENG MAT LAB 235 | 120 | 1 | - | 300 | 5-20 |
| $CIR_1/2$ | LE-MIS-0468 - LE-MIS-0469 | CIRCULAR POLARIZERS | UNDERGRAD LAB 225 | 120 | 1 | - | 97 | 5-20 |
| CM.1 | IT-ECB-0070 | COMPUTER STATION | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 307 | 5-20 |
| CM.2 | IT-ECB-0071 | COMPUTER STATION | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 307 | 5-20 |
| | LE-MIS-0266 | | METROLOGY 169 | 120 | 1 | - | 503 | 5-20 |
| CIVIIVI.C | LE-CVE-0019 | CONCRETE MIXER | CONCRETE LAB 180B | 120 | 1 | 6.2 | - | |
| CP.1 | IT-ECB-0073 | COMPUTER | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 307 | 5-20 |
| CP.2 | IT-ECB-0072 | COMPUTER | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 307 | 5-20 |
| CP.3 | IF-CHF-0019 | | CHEM ENG SENIOR LAP 240 | | <u>-</u> | | 307 | 5-20 |
| | LE-CHE-0019 | DEE - ELEC CONTROLLER | CHEM ENG SENIOR LAB 240 | 208 | 3 | 50 | - | HARDWIRF |
| DEE | LE-CHE-0020 | DEE - WATER PUMP 1 | CHEM ENG SENIOR LAB 240 | 120 | 1 | 3.4 | - | HARDWIRE |
| | LE-CHE-0021 | DEE - WATER PUMP 2 & 3 | CHEM ENG SENIOR LAB 240 | 208 | 3 | 4.8 | - | 2x HARDWIF |
| | LE-FCB-0442 | DREMFL WATER PUMP 4 | SUPPORT 1104 | <u>1208</u> 10 | 1 | | 307 | |
| DY | LE-MIS-0460 | DYNATUP | UNDERGRAD LAB 225 | 120 | 1 | - | 503 | 5-20 |
| DY.C | LE-MIS-0461 | DYNATUP COMPUTER STATION | UNDERGRAD LAB 225 | 120 | 1 | - | - | 5-20 |
| EC | LE-MIS-0502 | | THERMAL FLUIDS LAB 230 | 120 | 1 | - | 1920 | 5-20 |
| EG | LE-IVIIS-0287 | ELECTRONIC GAGE | CHEM ENG SENIOR LAB 240 | 120 | 1 | - | <u>307</u> 997 | 5-20 |
| ER.1 | LE-CHE-0112 | ENZYME REACTOR - COMPUTER CONT | CHEM ENG SENIOR LAB 240 | 120 | 1 | - | 307 | 5-20 |
| ER.2 | LE-CHE-0111 | ENZYME REACTOR - EDIBON 2 | CHEM ENG SENIOR LAB 240 | - | - | - | - | - |
| FC.1 | LE-CVE-0013(1 of 2) | | HYDRAULICS 100 | 120 | 1 | 5.4 | 648 | 5-20 |
| FC.2 FL | LE-CVE-0013(2 01 2) | FLUME | HYDRAULICS 100 | 120 | 1 | - 5.4 | 997 | 5-20 |
| | LE-CHE-0304 - | | | | | | | |
| FM.1/.2/.3 | LE-CHE-0306 | FURNACES MELT | CHEM ENG MAT LAB 235 | 120 | 1 | - | 1600 | 5-20 |
| | LE-CHE-0298 - | 5110010.050 | | 100 | | | 4450 | |
| FR.1-FR.6 | LE-CHE-0303 | FURNACES | CHEM ENG MAT LAB 235 | 230/120 | 1 | - | - 1450 | - 5-20 |
| GF | TBD | GLOWFORGE AIR FILTER | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 503 | 5-20 |
| GR | LE-CHE-0314 | GRINDER | CHEM ENG MAT LAB 235 | 120 | 1 | 2.1 | 252 | 5-20 |
| GRD | LE-ECB-0437 | BENCH GRINDER | SUPPORT 110A | 120 | 1 | - | 600 | 5-20 |
| НІ НЕВ | LE-MIS-0518 | HEATING LAMPS | THERMAL FLUIDS LAB 230 | 120 | 1 | - | 997 | 5-20 |
| HP | LE-CHE-0325 | HOT PLATE | CHEM ENG MAT LAB 235 | 120 | 1 | - | 997 | 5-20 |
| INC | LE-CVE-0110 | INCUBATOR | ENVIRONMENTAL 105 | 120 | 1 | - | 432 | 5-20 |
| INS.1 | LE-MIS-0462 | INSTRON #1 (LOADING DEVICE) | UNDERGRAD LAB 225 | 120 | 1 | - | 1400 | L5-30 |
| INS.2 INS.C1 | LE-MIS-0464 LE-MIS-0463 | INSTRON #2 (LOADING DEVICE) | UNDERGRAD LAB 225 | 120 | 1 | - | 307 | 5-20 |
| INS.C2 | LE-MIS-0465 | INSTRON #2 (COMPUTER STATION) | UNDERGRAD LAB 225 | 120 | 1 | - | 307 | 5-20 |
| LL | LE-CHE-0016 | LIQUID LEVEL | HYDRAULICS 100 | 120 | 1 | 7.2 | 864 | 5-20 |
| LSS | LE-CHE-0318 | LOW SPEED SAW | CHEM ENG MAT LAB 235 | 120 | 1 | - | 503 307 | 5-20 |
| MF | LE-MIS-0467 | MINI-FRIDGE | UNDERGRAD LAB 225 | 120 | 1 | - | 307 | 5-20 |
| OC | LE-MIS-0265 | SHADOWGRAPH OPT. COMPARITOR | METROLOGY 169 | 120 | 1 | - | 503 | 5-20 |
| OS.1 | LE-MIS-0470 | | UNDERGRAD LAB 225 | 120 | | - | 97 | 5-20 |
| 05.2 | LE-MIS-0471 | | UNDERGRAD LAB 225 | 120 | 1 | - | 97 97 | 5-20 |
| OSC | LE-ECB-0499 | OSCILLOSCOPE | NEURO-PHYS. SUPPORT 110B | 120 | 1 | - | 307 | 5-20 |
| OSC.1 | LE-ECB-0487 | OSCILLOSCOPE | BME LAB 110 | 120 | 1 | - | 307 | 5-20 |
| OSC.2 | LE-ECB-0486 | OSCILLOSCOPE | BME LAB 110 | 120 | 1 | - | 307 | 5-20 |
| 05C.3 0V | LE-ECB-0486 | | BIVIE LAB 110 METROLOGY 169 | 120 | 1 | - | 307 650 | 5-20 |
| OV.1 | LE-MIS-0466 | OVEN | UNDERGRAD LAB 225 | 120 | 1 | - | 650 | 5-20 |
| _ | LE-MIS-0511 - | OVFNS | | 120 | 1 | 4.9 | 588 | <u> </u> |
| OV.2/.3 | LE-MIS-0512 | | THERMAL FLUIDS LAB 230 | 400 | - | | | 5-20 |
| 0V.4 | LE-CHE-0324 | OVEN OVFN | CITEIVI EING MIAT LAB 235 CHEM ENG SENIOR LAB 240 | 120 | 1 1 | - | 525 650 | 5-20 |
| OV.6 | LE-CVE-0527 | OVEN | ENVIRONMENTAL 105 | 120 | 1 | - | 1500 | 5-20 |
| OV.7 | LE-CVE-0526 | OVEN | ENVIRONMENTAL 105 | 120 | 1 | - | 1500 | 5-20 |
| PL | LE-CHE-0107 | PUMP LAB | HYDRAULICS 100 | 208 | 1 | 8.3 | 1726 | 6-20 |
| PL PLG | LE-ECB-0498 | PLAINER POLYGRAPH DATA RECORDING SYSTEM | NEURO-PHYS. SUPPORT 1108 | 120 | 1 | - | 503 | 5-20 |
| RA.C | LE-MIS-0221 | PERTHOMETER COMPUTER STATION | METROLOGY 169 | 120 | 1 | - | 307 | 5-20 |
| REF | LE-CVE-0103 | REFRIGERATOR | ENVIRONMENTAL 105 | 120 | 1 | - | 701 | 5-20 |
| RM | | ROLLING MILL | CHEM ENG MAT LAB 235 | 240 | ? | 30 | - 502 | |
| SCS | LE-ECB-0431 | SCROLL SAW | SUPPORT 110A | 120 | 1 | - | 503 | 5-20 |
| SGR | LE-CHE-0317 | STRIP GRINDER | CHEM ENG MAT LAB 235 | 120 | 11 | - | 503 | 5-20 |
| SL | LE-MIS-0514 | STROBE LIGHT | THERMAL FLUIDS LAB 230 | 120 | 1 | - | 97 | 5-20 |
| SS.1 | | SOLDERING STATION | SUPPORT 110A | 120 | 1 | - | 153 | <u> </u> |
| SS.3 | LE-ECB-0443 | SOLDERING STATION | SUPPORT 110A | 120 | 1 | - | 153 | 5-20 |
| SS.4 | LE-ECB-0605 | SOLDERING STATION | SUPPORT 110A | 120 | 1 | - | 153 | 5-20 |
| ST | LE-CHE-0038 | STIRRED TANK | CHEM ENG SENIOR LAB 240 | 230/460 | 3 | 7/3.5 | 2788 | HARDWIRE |
| | LE-MIS-0504 | | IHERMAL FLUIDS LAB 230 | 120 | 1 | - | - 1/20 | 5-20 |
| UTS | LE-ECB-0500 | ULTRASOUND | BME TECH OFFICE 110C | 120 | 1 | - | 503 | 5-20 |
| VB | LE-MIS-0516 | VIBRATING BEAM EXPERIMENT | UNDERGRAD LAB 225 | 120 | 1 | - | 503 | 5-20 |
| VE | LE-MIS-0505 | VISCOMETER EXP STATION | THERMAL FLUIDS LAB 230 | 120 | 1 | - | - | 5-20 |
| ۷۲ ۷۹۷ | LE-ECB-0436 | | SUPPORT 110A CHEM ENG SENIOR LAB 240 | 120 208 | 1 | - | 503 2704 | 16-20 |
| VPS | LE-CHE-0004 | VPS - AIR COMP | CHEM ENG SENIOR LAB 240 | 120 | 1 | 10.5 | 1260 | 5-20 |
| VPS | LE-CHE-0005 | VPS - VACUUM | CHEM ENG SENIOR LAB 240 | 208 | 3 | 6.8 | 2450 | L15-20 |
| VT | LE-MIS-0503 | VIBRATION TESTER | UNDERGRAD LAB 225 | 120 | 1 | - | 503 | 5-20 |
| | LE-CHE-0310 - | WIISON HARDNESS | | 120 | 1 | _ | 270 | ς20 |
| WH 1/ 2/ 2 | | | CITEIVI LINO IVIAT LAD 235 | 120 | | - | 570 | |
| WH.1/.2/.3 WT | LE-MIS-0519 | WIND TUNNEL | THERMAL FLUIDS LAB 230 | 208 | 3 | 46.2 | 16644 | |

| PR | OJECT NO: KC.G.ENGR.2015.002 |
|--|--|
| | |
| | |
| | |
| | |
| B A | ALLINGE |
| | |
| 83: PH T F | 2 CHESTNOT ST, SUITE 1400 ILADELPHIA, PA 19107 215 446 0900 215 446 0901 |
| BA | LLINGER.COM |
| CONSI | JLTANTS: |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| KEYPL | AN: |
| KEYPL SEAL: | AN: |
| KEYPL KEYPL SEAL: | AN: |
| KEYPL KEYPL SEAL: | AN: AN: CONDITION OF USE IS DOCUMENT IS SUPPLIED TO EITHER OWNER OF THE SUPPLIED TO EITHER OWNER OF CONDITION OF USE ENT BETWEEN THE OWNER AND BALLINGER AND UENT USE OF THE INFORMATION CONTAINED ON INT IS SUBJECT TO THE CONDITIONS OF THE ENT BETWEEN THE OWNER AND BALLINGER AND UENT USE OF THE INFORMATION CONTAINED ON INT IS SUBJECT TO THE CONDITIONS OF USE. ENT BETWEEN THE OWNER AND BALLINGER AND ENT SCOPTRIGHT ANALLE TO SUBCONTRACTORS, SUB STATEMENT OF CONDITIONS OF USE, SOLELY AS ENTORY OF SUCH SUBCONTRACTORS IN THEIR ENT BETWEEN THE OWNER AND BALLINGER AND STATEMENT OF CONDITIONS OF USE, SOLELY AS ENTOR TO SUCH SUBCONTRACTORS IN THEIR ENT BETWEEN THE OWNER AND BALLINGER STATEMENT OF CONDITIONS OF USE, SOLELY AS ENTOR OF SUCH SUBCONTRACTORS IN THEIR ENT BY BALLINGER SHALL NOT MAKE BALLINGER SIBLE IN ANY WAY FOR ANY ASPECT OF THE TRACTORS SHOP DRAWINGS, NOR RELIEVED THE TRACTORS SHOP DRAWINGS, NOR RELIEVED THE TRACTORS SHOP DRAWINGS, NOR RELIEVED THE TRACTORS SHOP DRAWINGS, NOR RELIEVED THE TACTORS SHOP DRAWINGS, NOR |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE CONDITION OF USE IS DOCUMENT IS SUPPLIED TO EITHER OWNER O CONDITION OF USE IS DOCUMENT IS SUPPLIED TO EITHER OWNER O CONTAINED AND AND AND AND AND AND AND AND AND AN |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE CONDITION OF USE IS DOCUMENT IS SUPPLIED TO EITHER OWNER OF THE SUBJECT TO THE CONDITIONS OF THE SUBJECT TO SUBCONTRACTORS, SUBJECT THACTORS SHOP DRAWINGS. THE PROVISION OF THE SUBJECT TO SUBCONTRACTORS, SUBJECT THACTORS SHOP DRAWINGS, NOR RELEVE TRACTORS SHOP THE RELEVE TRACTORS SHOP DRAWINGS, NOR RELEVE TRACTORS SHOP THE REQUIRED SHOP DRAWINGS. |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE INCONTRACTOR MAY MAKE ELECTRONIC FILES UNEXPECTIVE OF THE INFORMATION CONTAINED ON NET IS SUBJECT TO THE ONCOMPANY USE OF THE INFORMATION CONTAINED ON NET IS SUBJECT TO THE ONCOMPANY USE OF THE INFORMATION CONTAINED ON INT IS SUBJECT TO THE ONCOMPANY USE OF THE INFORMATION CONTAINED ON INT IS SUBJECT TO THE ONCOMPANY INT SUBJECT TO THE ONCOMPANY INT SOUTHAND OTHER SUCH RIGHTS IN THE STATEMENT OF CONDITIONS OF USE, SOLELY AS IENCE TO SUCH SUBCONTRACTORS, SOLEN AS IENCE TO SUCH SUBCONTRACTORS, SOLELY AS IENCE TO SUCH SUBCONTRACTORS, SOLELY AS IENCE TO SUCH SUBCONTRACTORS, SOLELY AS IENCE TO SUCH SUBCONTRACTORS, SOLEN AS IENCE TO |
| KEYPL KEYPL SEAL: | AN: |
| KEYPL KEYPL SEAL: SEAL: SEAL: SEAL: | AN: CONDITION OF USE ISOCUMENT IS SUPPLIED TO EITHER OWNER OF TORN USE OF THE PRAPER OR ELECTRONIC FILES USUBJECT TO THE CONDITIONS OF THE INT. CONTRACTOR MAY MARE ELECTRONIC FILES SUBJECT TO THE CONDITIONS OF THE INT. CONTRACTOR MAY MARE ELECTRONIC FILES SUBJECT TO THE CONDITIONS OF THE INT. CONTRACTOR MAY MARE ELECTRONIC FILES SUBJECT TO THE CONDITIONS OF THE INT. CONTRACTOR MAY MARE ELECTRONIC FILES UNET TAKING FOR DAILINGER SUCH RECTOR IN THEIR ATION OF SHOP DRAWINGS. THE PROVISION OF THE INT. CONTRACTOR MAY MARE ELECTRONIC FILES UNET TAKING FOR DAILINGER SHALL NOT MARE BALLINGER SUBJECT TO THE CONDITIONS OF THE INTER ATION OF SHOP DRAWINGS. THE PROVISION OF THE INT. CONTRACTOR MAY MARE SHELLINGER SUBJECT TO THE CONDITIONS OF THE INTER ATION OF SHOP DRAWINGS. THE PROVISION OF THE INT. CONTRACTOR MAY MARE SHELLINGER SUBJECT TO THE CONDITIONS OF THE INTER ATION OF SHOP DRAWINGS. THE PROVISION OF THE INT. CONTRACTOR MAY MARE SHELLINGER SUBJECT TO THE CONDITION OF THE INTER ATION OF SHOP DRAWINGS. THE PROVISION OF THE INT. CONTRACTOR MAY MARE DAILINGER INTER DAILING THE REQUIRED SHOP DRAWINGS. INT BY ALLINGER SHALL NOT MARE BALLINGER SUBJECT TO THE REQUIRED SHOP DRAWINGS. INT ON TAKEN AND THE REQUIRED SHOP DRAWINGS. INT ON THE INTER INTER TAKEN AND THE REQUIRED SHOP DRAWINGS. INTER THE AND AND THE REQUIRED SHOP DRAWINGS. INTER TAKEN AND THE REQUIRED SHOP DRAWINGS. INTER AND AND THE REQUIRED SHOP DRAWINGS. INTER AND |
| KEYPL KEYPL SEAL: SEAL: SEAL: SEAL: OCUME RESPON SUBCON SU | AN: |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE IS DOCUMENT IS SUPPLIED TO ETHER OWNER CONDITION OF USE IS DOCUMENT IS SUPPLIED TO ETHER OWNER TORG, IN ETHER PAPER OR RELECTRONIC FORM, UENT USE OF THE INFORMATION CONTAINED ON NT IS SUBJECT TO THE CONDITIONO F THE IS DOCUMENT IS SUPPLIED TO SUBCONTRACTORS, SUB- UENT USE OF THE INFORMATION CONTAINED ON NT IS SUBJECT TO THE CONDITIONO F THE IS DOCUMENT IS SUPPLIED TO SUBCONTRACTORS, SUB- IENCE TO SUCH SUBCONTRACTORS, IN THEIR STATEMENT OF CONDITIONS, NOR RELIEVE SUMENT AVAILABLE TO SUBCONTRACTORS, SUB- IENCE TO SUCH SUBCONTRACTORS, IN THEIR TRACTORS SHOP DRAWINGS, NOR RELIEVE TRACTORS SHOP DRAWI |
| KEYPL KEYPL KEYPL SEAL: | AN: CONDITION OF USE IS DOCUMENT IS SUPPLIED TO EITHER OWNER OF IS DOCUMENT IS SUPPLIED TO EITHER OWNER OF TOR, IN EITHER PAPER OR ELECTRONIC FORM UENT USE OF THE INFORMATION CONTAINED ON UENT USE OF THE INFORMATION CONTAINED ON THE SUBJECT TO THE CONDITIONS OF THE ENT BETWEEN THE OWNER AND BALLINGER STATEMENT OF CONDITIONS OF USES SOLELY AS TRACTORS SHOP DRAWINGS. THE PROVISION OF THE ISTOCOMPRICES SHALL NOT MAKE BALLINGER SIDELE IN ANY WAY FOR ANY ASPECT OF THE TRACTORS SHOP DRAWINGS. THE PROVISION OF THE ISTOCOMPRICES SHALL NOT MAKE BALLINGER SIDELE IN ANY WAY FOR ANY ASPECT OF THE TRACTORS SHOP DRAWINGS. THE PROVISION OF THE ISTOCOMPRICES SHALL NOT MAKE BALLINGER SIDELE IN ANY WAY FOR ANY ASPECT OF THE TRACTORS SHOP DRAWINGS. THE PROVISION OF THE ISTOCOMPRICES SHALL NOT MAKE BALLINGER ISTOCE STOP OF THE INFORMATION CONTAINED ON ISTOCE THE INFORMATION OF INFORMATION OF THE INFORMATION OF I |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE ASSOCIATION OF USE ASS |
| KEYPL KEYPL SEAL: | AN: CONDITION OF USE ASSOCIATION OF USE ASS |

1/4" = 1'-0" 3 FOURTH FLOOR POWER PLAN - ALTERNATE

