

# ELECTRICAL SYMBOLS

## APPENDIX F-1

| FILE NAME    | SYMBOL | DESCRIPTION   | FILE NAME | SYMBOL | DESCRIPTION   |
|--------------|--------|---|-----------|--------|---|
| E001 TO E005 |        | NOT USED<br>HOMERUN CONDUIT<br>GROUND<br>PHASE<br>SWITCHED<br>NEUTRAL<br>INSTRUMENT GROUND            | E042      |        | EMERGENCY LIGHT FIXTURE   |
| E006         |        | FLEXIBLE CONDUIT  | E043      |        | LIGHT POLE WITH FIXTURE   |
| E007         |        | CONDUIT DOWN  | E044      |        | EMERGENCY LIGHT FIXTURE RECHARGEABLE TYPE   |
| E008         |        | CONDUIT UP  | E045      |        | FLOODLIGHT  |
| E009         |        | NOT USED  | E046      |        | CEILING MOUNTED EXIT SIGN - ARROW AS INDICATED  |
| E010         |        | CONDUIT SEAL  | E047      |        | TWO FACED EXIT SIGN   |
| E011         |        | CONDUIT CAP   | E048      |        | WALL MOUNTED EXIT SIGN  |
| E012         |        | BUSWAY WITH DESCRIPTION   | E049      |        | CLEARANCE IN FRONT OF PANEL BOARD   |
| E013         |        | GROUNDING CONDUCTOR   | E050      |        | LIGHTING PANEL - 250 VOLTS OR LESS  |
| E014         |        | CABLE TRAY WITH DESCRIPTION   | E051      |        | NOT USED  |
| E015         |        | CEILING JUNCTION BOX  | E052      |        | TRANSFORMER   |
| E016         |        | WALL JUNCTION BOX   | E052A     |        | FUSIBLE DISCONNECT  |
| E017 TO E01B |        | NOT USED  | E053      |        | NON-FUSIBLE DISCONNECT SWITCH (NUMBER INDICATES SWITCH SIZE)                            |
| E019         |        | DUPLEX RECEPTACLE OUTLET  | E054      |        | COMBINATION MAGNETIC STARTER AND CIRCUIT BREAKER<br>2D - INDICATES CIRCUIT BREAKER TRIP |
| E020         |        | SINGLE RECEPTACLE OUTLET  | E055      |        | MAGNETIC STARTER NUMBER INDICATES NEMA STARTER SIZE                                     |
| E021         |        | DOUBLE DUPLEX RECEPTACLE OUTLET   | E056      |        | ADJUSTABLE SPEED DRIVE  |
| E022         |        | GROUND FAULT CIRCUIT INTERRUPTER DUPLEX OUTLET WITH WEATHERPROOF COVER                                | E057      |        | AUTOMATIC TRANSFER SWITCH   |
| E023         |        | SPLIT WIRED DUPLEX RECEPTACLE   | E058      |        | MOTOR (NUMBER INDICATES HP)   |
| E024         |        | DUPLEX ISOLATED GROUND  | E059      |        | BELL  |
| E025         |        | SPECIAL PURPOSE OUTLET - USE SUBSCRIPT TO IDENTIFY TYPE IN SPECS                                      | E060      |        | HORN "H" OR SIREN "S"   |
| E026         |        | FLOOR RECEPTACLE OUTLET USE SUBSCRIPT TO IDENTIFY TYPE IN SPECS                                       | E061      |        | BUZZER  |
| E027         |        | RECEPTACLE RACEWAY  | E062      |        | PUSHBUTTON  |
| E028         |        | SINGLE POLE SWITCH - USE SUBSCRIPT TO DESIGNATE CONTROL OF PARTICULAR OUTLETS                         | E063      |        | MANUAL PULL STATION   |
| E029         |        | *=2 DOUBLE POLE SWITCH  | E064      |        | FIRE ALARM HORN (V=VISUAL SIGNAL)   |
| E030         |        | *=3 THREE-WAY SWITCH  | E065      |        | PHOTOELECTRIC SMOKE DETECTOR  |
| E031         |        | *=4 FOUR-WAY SWITCH   | E066      |        | IONIZATION SMOKE DETECTOR   |
| E032         |        | *=WP WEATHERPROOF SWITCH  | E067      |        | THERMAL DETECTOR  |
| E033         |        | *=K KEY OPERATED SWITCH   | E068      |        | DUCT SMOKE DETECTOR (PHOTOELECTRIC)   |
| E032         |        | DIMMER SWITCH - NUMBER INDICATES WATTAGE  | E069      |        | MAGNETIC DOOR HOLDER  |
| E033         |        | PHOTOCELL   | E070      |        | PRESSURE SWITCH   |
| E034         |        | REMOTE CONTROL SWITCH 5 POLE, 30 AMPS   | E071      |        | FLOW SWITCH   |
| E035         |        | 2'X4' FLUORESCENT LIGHT FIXTURE<br>A=FIXTURE TYPE<br>1=CIRCUIT NUMBER<br>a=SWITCH CONTROLLING FIXTURE | E072      |        | VALVE SUPERVISORY SWITCH  |
| E036         |        | 1'X4' FLUORESCENT STRIP FIXTURE<br>A=FIXTURE TYPE<br>1=CIRCUIT NUMBER<br>a=SWITCH CONTROLLING FIXTURE | E073      |        | END OF LINE DEVICE  |
| E037         |        | 1'X4' WALL MOUNTED FLUORESCENT FIXTURE  | E074      |        | FIRE ALARM CONTROL PANEL  |
| E038         |        | 2'X2' FLUORESCENT LIGHT FIXTURE   | E075      |        | FIRE ALARM RACEWAY  |
| E039         |        | 2'X2' FLUORESCENT LIGHT FIXTURE<br>A=FIXTURE TYPE<br>1=CIRCUIT NUMBER<br>a=SWITCH CONTROLLING FIXTURE | E075A     |        | CLOCK OUTLET  |
| E040         |        | CEILING MOUNTED LIGHT FIXTURE   | E075B     |        | THERMOSTAT  |
| E041         |        | WALL MOUNTED INCANDESCENT FIXTURE   | E076      |        | CEILING SPEAKER   |