



## ELECTRICAL LAYERS (1 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-ALRM	210	CONTINUOUS	Alarm system
E-ANNO-DIMS	12	CONTINUOUS	Annotation: dimensions
E-ANNO-NPLT	WHITE	CONTINUOUS	Annotation: no plot
E-ANNO-SYMB	12	CONTINUOUS	Annotation: symbols
E-ANNO-TABL	11	CONTINUOUS	Annotation: table
E-ANNO-TEXT	11	SAMPLE TEXT	Annotation: text
E-AUXL	61	CONTINUOUS	Auxiliary systems
E-BELL	136	CONTINUOUS	Bell system
E-CABL	30	CONTINUOUS	Cable systems
E-CABL-COAX	30	PR-CABLE TV (COFC) CABL	Cable systems: coax cable
E-CABL-FIBR	30	PR-FIBEROPTICS (NCS) FO	Cable systems: fiber optics cable
E-CABL-MULT	30	CONTINUOUS	Cable systems: multi-conductor cable
E-CABL-TRAY	30	CONTINUOUS	Cable systems: cabletray and wireways
E-CATH	227	CONTINUOUS	Cathodic protection system
E-CATH-ANOD	227	CONTINUOUS	Cathodic protection system: sacrificial anode
E-CATH-CURR	227	CONTINUOUS	Cathodic protection system: impress current
E-CATH-EQPM	227	CONTINUOUS	Cathodic protection system: equipment
E-CATH-TEST	227	CONTINUOUS	Cathodic protection system: test stations
E-CCTV	27	PR-CLOSED CIRCUIT TV (COFC) CCTV	Closed-circuit television system
E-CLOK	190	CONTINUOUS	Clock system
E-CLOK-CIRC	190	CONTINUOUS	Clock system: circuits
E-CLOK-CLNG	190	CONTINUOUS	Clock system: ceiling
E-CLOK-CNMB	50	SAMPLE TEXT	Clock system: circuit number
E-CLOK-EQPM	190	CONTINUOUS	Clock system: equipment



## ELECTRICAL LAYERS (2 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-CLOK-FLOR	190	CONTINUOUS	Clock system: floor
E-CLOK-WALL	190	CONTINUOUS	Clock system: wall
E-COMM	215	CONTINUOUS	Communications
E-COMM-CIRC	215	PR-COMM (NCS) COMM	Communications: circuits
E-COMM-CLNG	215	CONTINUOUS	Communications: ceiling
E-COMM-CNMB	50	SAMPLE TEXT	Communications: circuit number
E-COMM-EQPM	215	CONTINUOUS	Communications: equipment
E-COMM-WALL	215	CONTINUOUS	Communications: wall
E-CONT	127	CONTINUOUS	Controls and instrumentation
E-CONT-DEVC	127	CONTINUOUS	Controls and instrumentation: devices
E-CONT-WIRE	127	CONTINUOUS	Controls and instrumentation: wiring
E-DATA	201	CONTINUOUS	Data/LAN system
E-DATA-CIRC	201	CONTINUOUS	Data/LAN system: circuits
E-DATA-CLNG	201	CONTINUOUS	Data/LAN system: ceiling
E-DATA-CNMB	50	SAMPLE TEXT	Data/LAN system: circuit number
E-DATA-EQPM	201	CONTINUOUS	Data/LAN system: equipment
E-DATA-FLOR	201	CONTINUOUS	Data/LAN system: floor
E-DATA-WALL	201	CONTINUOUS	Data/LAN system: wall
E-DETL-1XWD-BLCK	CYAN	CONTINUOUS	Detail: extra wide lines 0.70 mm: black
E-DETL-1XWD-GREY	140	CONTINUOUS	Detail: extra wide lines 0.70 mm: grey
E-DETL-2XWD-BLCK	MAGENTA	CONTINUOUS	Detail: double extra wide lines 1.00 mm: black
E-DETL-2XWD-GREY	213	CONTINUOUS	Detail: double extra wide lines 1.00 mm: grey
E-DETL-DIMS	12	CONTINUOUS	Detail: dimensions
E-DETL-FINE-BLCK	247	CONTINUOUS	Detail: fine lines 0.18 mm: black



## ELECTRICAL LAYERS (3 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-DETL-FINE-GREY	250	CONTINUOUS _____	Detail: fine lines 0.18 mm: grey
E-DETL-HTCH	8	CONTINUOUS _____	Detail: hatch
E-DETL-HTCH-WIDE	34	CONTINUOUS _____	Detail: hatch (for dot patterns)
E-DETL-MEDM-BLCK	RED	CONTINUOUS _____	Detail: medium lines 0.35 mm: black
E-DETL-MEDM-GREY	14	CONTINUOUS _____	Detail: medium lines 0.35 mm: grey
E-DETL-SHDE	9	CONTINUOUS _____	Detail: shading
E-DETL-TEXT	11	SAMPLE TEXT	Detail: text
E-DETL-THIN-BLCK	50	CONTINUOUS _____	Detail: thin lines 0.25 mm: black
E-DETL-THIN-GREY	35	CONTINUOUS _____	Detail: thin lines 0.25 mm: grey
E-DETL-UFIN-BLCK	171	CONTINUOUS _____	Detail: ultra fine lines 0.05 mm: black
E-DETL-UFIN-GREY	154	CONTINUOUS _____	Detail: ultra fine lines 0.05 mm: grey
E-DETL-WIDE-BLCK	WHITE	CONTINUOUS _____	Detail: wide lines 0.50 mm: black
E-DETL-WIDE-GREY	74	CONTINUOUS _____	Detail: wide lines 0.50 mm: grey
E-DETL-XFIN-BLCK	29	CONTINUOUS _____	Detail: extra fine lines 0.13 mm: black
E-DETL-XFIN-GREY	8	CONTINUOUS _____	Detail: extra fine lines 0.13 mm: grey
E-DIAG	115	CONTINUOUS _____	Diagrams
E-DIAG-BKRS	115	CONTINUOUS _____	Diagrams: breakers
E-DIAG-BUSS	115	CONTINUOUS _____	Diagrams: bus duct
E-DIAG-ENCL	115	CONTINUOUS _____	Diagrams: enclosures
E-DIAG-EQPM	115	CONTINUOUS _____	Diagrams: equipment
E-DIAG-FEED	115	CONTINUOUS _____	Diagrams: feeders
E-DIAG-FLOR	115	CONTINUOUS _____	Diagrams: floor
E-DIAG-GRND	115	CONTINUOUS _____	Diagrams: ground
E-DIAG-SWCH	115	CONTINUOUS _____	Diagrams: switches



## ELECTRICAL LAYERS (4 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-DIAG-XFMR	115	CONTINUOUS	Diagrams: transformers
E-GRND	44	CONTINUOUS	Ground system
E-GRND-CIRC	44	CONTINUOUS	Ground system: circuits
E-GRND-CLNG	44	CONTINUOUS	Ground system: ceiling
E-GRND-CNMB	50	SAMPLE TEXT	Ground system: circuit number
E-GRND-DIAG	44	CONTINUOUS	Ground system: diagrams
E-GRND-EQPM	44	CONTINUOUS	Ground system: equipment
E-GRND-EQUI	44	CONTINUOUS	Ground system: equipotential
E-GRND-WALL	44	CONTINUOUS	Ground system: wall
E-INST	37	CONTINUOUS	Instrumentation
E-INST-CIRC	37	CONTINUOUS	Instrumentation: circuits
E-INST-CLNG	37	CONTINUOUS	Instrumentation: ceiling
E-INST-CNMB	50	SAMPLE TEXT	Instrumentation: circuit number
E-INST-EQPM	37	CONTINUOUS	Instrumentation: equipment
E-INST-WALL	37	CONTINUOUS	Instrumentation: wall
E-INTC	71	CONTINUOUS	Intercom/PA systems
E-LITE	YELLOW	CONTINUOUS	Lighting
E-LITE-CIRC	YELLOW	CONTINUOUS	Lighting: circuits
E-LITE-CIRC-CRIT	YELLOW	CONTINUOUS	Lighting: circuits: critical
E-LITE-CIRC-EMER	YELLOW	CONTINUOUS	Lighting: circuits: emergency
E-LITE-CLNG	YELLOW	CONTINUOUS	Lighting: ceiling
E-LITE-CLNG-CRIT	YELLOW	CONTINUOUS	Lighting: ceiling: critical
E-LITE-CLNG-EMER	YELLOW	CONTINUOUS	Lighting: ceiling: emergency
E-LITE-CLNG-EXIT	YELLOW	CONTINUOUS	Lighting: ceiling: exit



## ELECTRICAL LAYERS (5 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-LITE-CNMB	50	SAMPLE TEXT	Lighting: circuit number
E-LITE-CNMB-CRIT	50	SAMPLE TEXT	Lighting: circuit number: critical
E-LITE-CNMB-EMER	YELLOW	SAMPLE TEXT	Lighting: circuit number: emergency
E-LITE-EMER	YELLOW	CONTINUOUS	Lighting: emergency
E-LITE-EQPM	YELLOW	CONTINUOUS	Lighting: equipment
E-LITE-EQPM-CRIT	YELLOW	CONTINUOUS	Lighting: equipment: critical
E-LITE-EQPM-EMER	YELLOW	CONTINUOUS	Lighting: equipment: emergency
E-LITE-EXIT	YELLOW	CONTINUOUS	Lighting: exit
E-LITE-EXTR	YELLOW	CONTINUOUS	Lighting: exterior
E-LITE-FLOR	YELLOW	CONTINUOUS	Lighting: floor
E-LITE-IDEN	50	SAMPLE TEXT	Lighting: identification
E-LITE-JBOX	YELLOW	CONTINUOUS	Lighting: junction box
E-LITE-OTLN	YELLOW	CONTINUOUS	Lighting: outline
E-LITE-PANL	YELLOW	CONTINUOUS	Lighting: panel
E-LITE-POLE	YELLOW	CONTINUOUS	Lighting: pole
E-LITE-ROOF	YELLOW	CONTINUOUS	Lighting: roof
E-LITE-SPCL	YELLOW	CONTINUOUS	Lighting: specialties
E-LITE-SWCH	YELLOW	CONTINUOUS	Lighting: switches
E-LITE-SWCH-CRIT	YELLOW	CONTINUOUS	Lighting: switches: critical
E-LITE-SWCH-EMER	YELLOW	CONTINUOUS	Lighting: switches: emergency
E-LITE-WALL	YELLOW	CONTINUOUS	Lighting: wall
E-LITE-WALL-CRIT	YELLOW	CONTINUOUS	Lighting: wall: critical
E-LITE-WALL-EMER	YELLOW	CONTINUOUS	Lighting: wall: emergency
E-LITE-WALL-EXIT	YELLOW	CONTINUOUS	Lighting: wall: exit



## ELECTRICAL LAYERS (6 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-LTNG	110	CONTINUOUS	Lightning protection system
E-LTNG-CIRC	110	CONTINUOUS	Lightning protection system: circuits
E-LTNG-CLNG	110	CONTINUOUS	Lightning protection system: ceiling
E-LTNG-CNMB	50	SAMPLE TEXT	Lightning protection system: circuit number
E-LTNG-EQPM	110	CONTINUOUS	Lightning protection system: equipment
E-LTNG-WALL	110	CONTINUOUS	Lightning protection system: wall
E-MNTG	79	CONTINUOUS	Mounting system
E-OBST	23	CONTINUOUS	Obstructions
E-PGNG	217	CONTINUOUS	Paging system
E-POWR	RED	CONTINUOUS	Power
E-POWR-BUSW	RED	CONTINUOUS	Power: busways
E-POWR-CAB~	WHITE	CONTINUOUS	Power: cabinet
E-POWR-CABL	RED	CONTINUOUS	Power: cable systems
E-POWR-CBOX	RED	CONTINUOUS	Power: combiner box
E-POWR-CBOX-FTPT	RED	CONTINUOUS	Power: combiner box: footprint
E-POWR-CIRC	RED	CONTINUOUS	Power: circuits
E-POWR-CIRC-CRIT	RED	CONTINUOUS	Power: circuits: critical
E-POWR-CLNG	RED	CONTINUOUS	Power: ceiling
E-POWR-CLNG-CRIT	RED	CONTINUOUS	Power: ceiling: critical
E-POWR-CNDT	RED	CONTINUOUS	Power: conduit
E-POWR-CNMB	50	SAMPLE TEXT	Power: circuit number
E-POWR-CNMB-CRIT	RED	SAMPLE TEXT	Power: circuit number: critical
E-POWR-DEVC	20	CONTINUOUS	Power: devices
E-POWR-DSCO	RED	CONTINUOUS	Power: disconnect switches



## ELECTRICAL LAYERS (7 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-POWR-DSCO-ACFU	RED	CONTINUOUS	Power: disconnect switches: fused ac
E-POWR-DSCO-ACNF	RED	CONTINUOUS	Power: disconnect switches: unfused ac
E-POWR-DSCO-DCFU	RED	CONTINUOUS	Power: disconnect switches: fused dc
E-POWR-DSCO-DCNF	RED	CONTINUOUS	Power: disconnect switches: unfused dc
E-POWR-EQPM	RED	CONTINUOUS	Power: equipment
E-POWR-EQPM-CRIT	RED	CONTINUOUS	Power: equipment: critical
E-POWR-EXTR	RED	CONTINUOUS	Power: exterior
E-POWR-FEED	RED	CONTINUOUS	Power: feeders
E-POWR-FLOR	RED	CONTINUOUS	Power: floor
E-POWR-FLOR-CRIT	RED	CONTINUOUS	Power: floor: critical
E-POWR-JBOX	RED	CONTINUOUS	Power: junction box
E-POWR-PANL	RED	CONTINUOUS	Power: panels
E-POWR-POCC	RED	CONTINUOUS	Power: point of common coupling
E-POWR-POI~	RED	CONTINUOUS	Power: point of interconnection
E-POWR-POLE	WHITE	CONTINUOUS	Power: pole
E-POWR-ROOF	RED	CONTINUOUS	Power: roof
E-POWR-SWBD	RED	CONTINUOUS	Power: switchboards
E-POWR-UCPT	RED	CONTINUOUS	Power: under-carpet wiring
E-POWR-URAC	RED	CONTINUOUS	Power: underfloor raceways
E-POWR-WALL	RED	CONTINUOUS	Power: wall
E-POWR-WALL-CRIT	RED	CONTINUOUS	Power: wall: critical
E-POWR-XFMR	WHITE	CONTINUOUS	Power: transformer
E-POWR-XFMR-PADM	RED	CONTINUOUS	Power: transformers: pad-mounted
E-POWR-XFMR-POLM	RED	CONTINUOUS	Power: transformers: pole-mounted



## ELECTRICAL LAYERS (8 of 9)

LAYER NAME	COLOUR	LINETYPE/TEXT SAMPLE	DESCRIPTION
E-PVMD	RED	CONTINUOUS	Photovoltaic modules
E-REFR	WHITE	CONTINUOUS	Reference: external files (images, pdfs, xrefs, etc)
E-SECT-1XWD-BLCK	CYAN	CONTINUOUS	Section: extra wide lines 0.70 mm: black
E-SECT-1XWD-GREY	140	CONTINUOUS	Section: extra wide lines 0.70 mm: grey
E-SECT-2XWD-BLCK	MAGENTA	CONTINUOUS	Section: double extra wide lines 1.00 mm: black
E-SECT-2XWD-GREY	213	CONTINUOUS	Section: double extra wide lines 1.00 mm: grey
E-SECT-DIMS	12	CONTINUOUS	Section: dimensions
E-SECT-FINE-BLCK	247	CONTINUOUS	Section: fine lines 0.18 mm: black
E-SECT-FINE-GREY	250	CONTINUOUS	Section: fine lines 0.18 mm: grey
E-SECT-HTCH	8	CONTINUOUS	Section: hatch
E-SECT-HTCH-WIDE	34	CONTINUOUS	Section: hatch (for dot patterns)
E-SECT-MEDM-BLCK	RED	CONTINUOUS	Section: medium lines 0.35 mm: black
E-SECT-MEDM-GREY	14	CONTINUOUS	Section: medium lines 0.35 mm: grey
E-SECT-SHDE	9	CONTINUOUS	Section: shading
E-SECT-TEXT	11	SAMPLE TEXT	Section: text
E-SECT-THIN-BLCK	50	CONTINUOUS	Section: thin lines 0.25 mm: black
E-SECT-THIN-GREY	35	CONTINUOUS	Section: thin lines 0.25 mm: grey
E-SECT-UFIN-BLCK	171	CONTINUOUS	Section: ultra fine lines 0.05 mm: black
E-SECT-UFIN-GREY	154	CONTINUOUS	Section: ultra fine lines 0.05 mm: grey
E-SECT-VIEW	110	CONTINUOUS	Section: view
E-SECT-VIEW-GRID-MAJR	250	CONTINUOUS	Section: view: grid: major
E-SECT-VIEW-GRID-MINR	253	CONTINUOUS	Section: view: grid: minor
E-SECT-VIEW-TEXT	11	SAMPLE TEXT	Section: view: text
E-SECT-WIDE-BLCK	WHITE	CONTINUOUS	Section: wide lines 0.50 mm: black





## ELECTRICAL LAYERS (9 of 9)

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