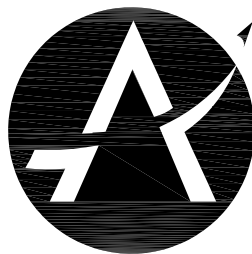


# CAD BLOCKS

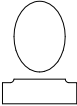
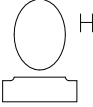






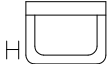
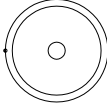
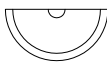





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Austin-Bergstrom International Airport



**September 2014**

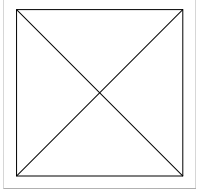
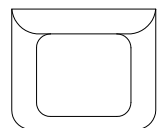
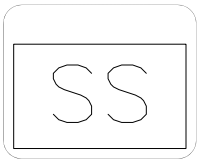
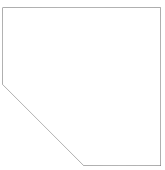
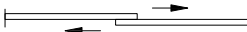
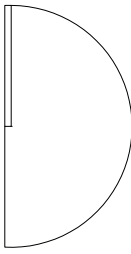


## ARCHITECTURAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
P-WC01		WATER CLOSET, TANK TYPE	A-FLOR-FIXT
P-WC02		WATER CLOSET, TANK TYPE (HANDICAPPED)	A-FLOR-FIXT
P-WC03		WATER CLOSET, INTEGRAL TANK	A-FLOR-FIXT
P-WC04		WATER CLOSET, INTEGRAL TANK (HANDICAPPED)	A-FLOR-FIXT
P-WC05		URINAL, WALL HUNG	A-FLOR-FIXT
P-LV01		LAVATORY, INTEGRAL COUNTERTOP	A-FLOR-FIXT
P-LV02		LAVATORY, INTEGRAL COUNTERTOP (HANDICAPPED)	A-FLOR-FIXT
P-LV03		LAVATORY, WALL HUNG	A-FLOR-FIXT
P-LV04		LAVATORY, WALL HUNG (HANDICAPPED)	A-FLOR-FIXT
P-LV05		SINK, CIRCULAR WASH TYPE	A-FLOR-FIXT
P-LV06		SINK, SEMI-CIRCULAR WASH TYPE	A-FLOR-FIXT
P-SH02		SHOWER, PEDESTAL GANG	A-FLOR-FIXT
P-SH03		SHOWER HEAD	A-FLOR-FIXT
P-DF01		DRINKING FOUNTAIN, PROJECTED TYPE	A-FLOR-FIXT
P-DF02		DRINKING FOUNTAIN, RECESSED TYPE	A-FLOR-FIXT
P-DF03		DRINKING FOUNTAIN, SEMI-RECESSED	A-FLOR-FIXT

**NOTE:**

ARCHITECTURAL BLOCKS CREATED FOR 1/4" SCALE, BLOCKS CAN BE SCALED OR APPROPRIATE DRAWING SCALE



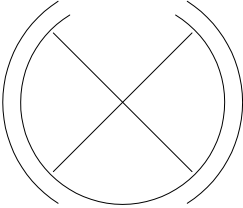
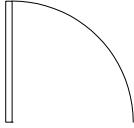
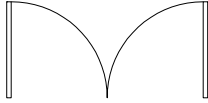
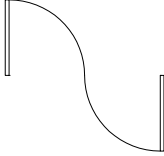
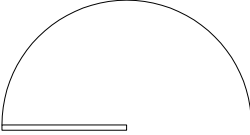

# ARCHITECTURAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
P-SH01		SHOWER STALL	A-FLOR-FIXT
P-SN01		SINK, SERVICE, CAST IRON ENAMELED	A-FLOR-FIXT
P-SN02		SINK, SERVICE METAL	A-FLOR-FIXT
P-SH03		SINK, SERVICE METAL	A-FLOR-FIXT
A-DOR01		DOOR, SLIDING	A-DOOR-FULL
A-DOR02		DOOR, DOUBLE SWING	A-DOOR-FULL
A-DOR03		DOOR, BIFOLDING	A-DOOR-FULL
A-DOR04		DOOR, BIFOLDING, SINGLE	A-DOOR-FULL

**NOTE:**

ARCHITECTURAL BLOCKS CREATED FOR 1/4" SCALE, BLOCKS CAN BE SCALED OR APPROPRIATE DRAWING SCALE

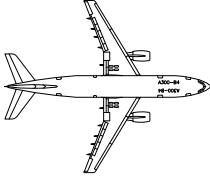
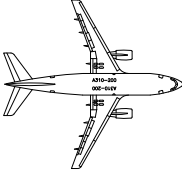
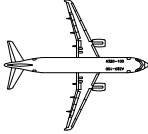
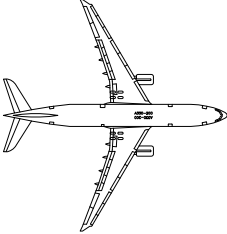
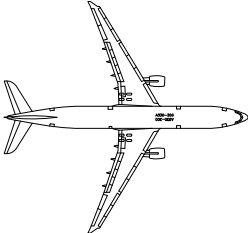
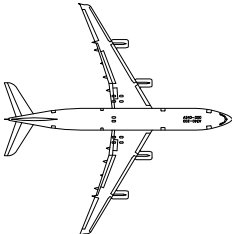
## ARCHITECTURAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
A-DOR05		DOOR, POCKET	A-DOOR-FULL
A-DOR06		DOOR, ACCORDION	A-DOOR-FULL
A-DOR07		DOOR, REVOLVING	A-DOOR-FULL
A-DOR08		DOOR, SINGLE HINGED OR PIVOT	A-DOOR-FULL
A-DOR10		DOOR, DOUBLE	A-DOOR-FULL
A-DOR11		DOOR, DOUBLE EGRESS	A-DOOR-FULL
A-DOR12		DOOR, SINGLE FULL SWING	A-DOOR-FULL
A-DOR13		DOOR, IDENTIFIER	A-DOOR-FULL

**NOTE:**

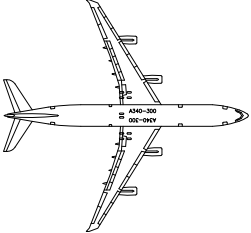
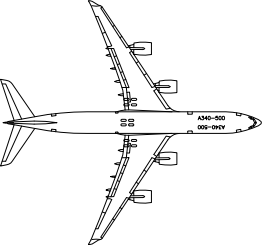
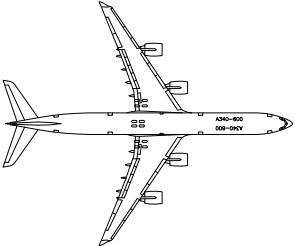
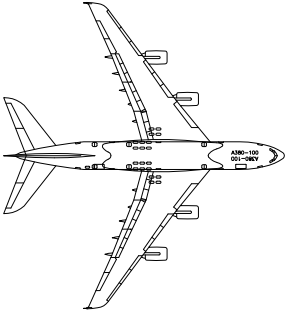
ARCHITECTURAL BLOCKS CREATED FOR 1/4" SCALE, BLOCKS CAN BE SCALED OR APPROPRIATE DRAWING SCALE

## AIRCRAFT (AIRBUS) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
A300-B4		AIRBUS: A300-B4	C-ACFT-SYMB
A310-200		AIRBUS: A310-200	C-ACFT-SYMB
A320-100		AIRBUS: A320-100	C-ACFT-SYMB
A310-200		AIRBUS: A310-200	C-ACFT-SYMB
A330-300		AIRBUS: A330-300	C-ACFT-SYMB
A340-200		AIRBUS: A340-200	C-ACFT-SYMB


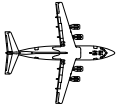
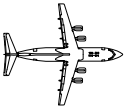



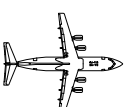
NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

# AIRCRAFT(AIRBUS) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
A340-300		AIRBUS: A340-300	C-ACFT-SYMB
A340-500		AIRBUS: A340-500	C-ACFT-SYMB
A340-600		AIRBUS: A340-600	C-ACFT-SYMB
A380-100		AIRBUS: A380-100	C-ACFT-SYMB

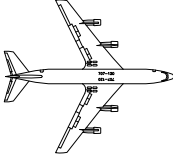
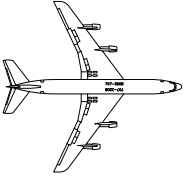
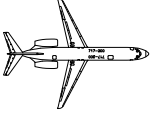
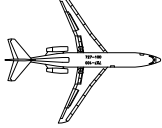
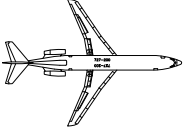

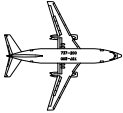
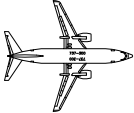
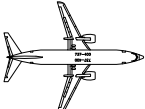
NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

## AIRCRAFT (BAE) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
146-100		BAE: 146-100	C-ACFT-SYMB
146-200		BAE: 146-200	C-ACFT-SYMB
146-300		BAE: 146-300	C-ACFT-SYMB
RJ-70		BAE: RJ-70	C-ACFT-SYMB
RJ-85		BAE: RJ-85	C-ACFT-SYMB
RJ-100		BAE: RJ-100	C-ACFT-SYMB
RJ-115		BAE: RJ-115	C-ACFT-SYMB

NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE


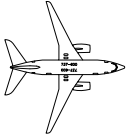

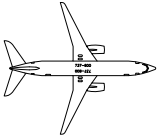
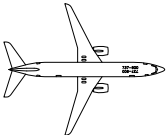
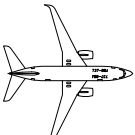
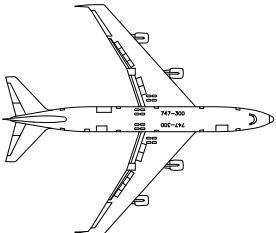
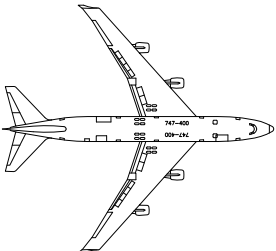
## AIRCRAFT (BOEING) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
707-120		BOEING: 107-120	C-ACFT-SYMB
707-320		BOEING: 707-320	C-ACFT-SYMB
717-200		BOEING: 717-200	C-ACFT-SYMB
727-100		BOEING: 727-100	C-ACFT-SYMB
727-200		BOEING: 727-200	C-ACFT-SYMB
737-100		BOEING: 737-100	C-ACFT-SYMB
737-200		BOEING: 737-200	C-ACFT-SYMB
737-300		BOEING: 737-300	C-ACFT-SYMB
737-400		BOEING: 737-400	C-ACFT-SYMB

NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

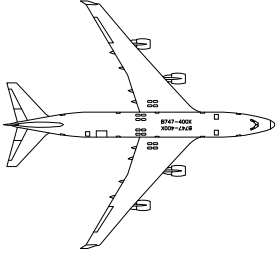
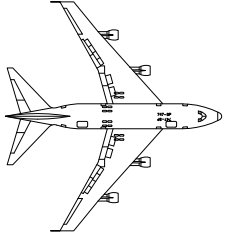
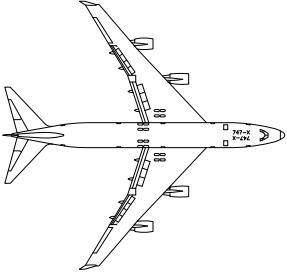
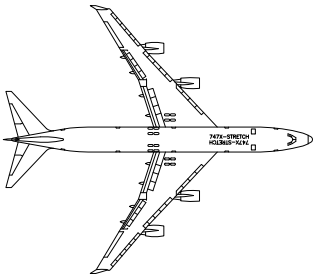
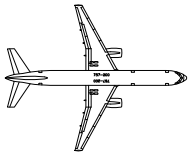
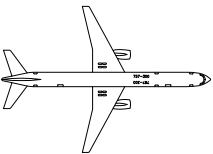


## AIRCRAFT (BOEING) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
737-500		BOEING: 737-500	C-ACFT-SYMB
737-600		BOEING: 737-600	C-ACFT-SYMB
737-700		BOEING: 737-700	C-ACFT-SYMB
737-800		BOEING: 737-800	C-ACFT-SYMB
737-900		BOEING: 737-900	C-ACFT-SYMB
737-BBJ		BOEING: 737-BBJ	C-ACFT-SYMB
737-BBJ		BOEING: 737-BBJ	C-ACFT-SYMB
747-400		BOEING: 747-400	C-ACFT-SYMB

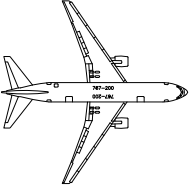
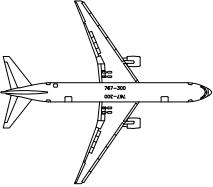
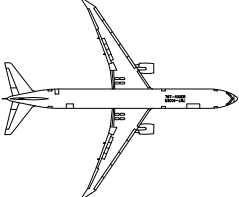
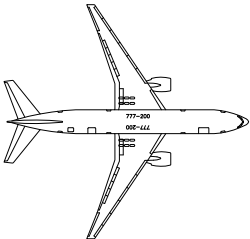
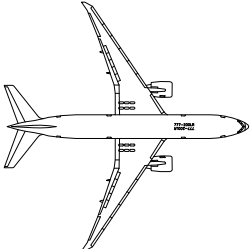
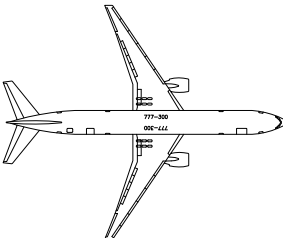
NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

# AIRCRAFT (BOEING) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
747-400X		BOEING: 747-400X	C-ACFT-SYMB
747SP		BOEING: 747SP	C-ACFT-SYMB
747-X		BOEING: 747-X	C-ACFT-SYMB
747X-STRETCH		BOEING: 747X-STRETCH	C-ACFT-SYMB
757-200		BOEING: 757-200	C-ACFT-SYMB
757-300		BOEING: 757-300	C-ACFT-SYMB

NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

## AIRCRAFT (BOEING) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
767-200		BOEING: 767-200	C-ACFT-SYMB
767-300		BOEING: 767-300	C-ACFT-SYMB
767-400ER		BOEING: 767-400ER	C-ACFT-SYMB
777-200		BOEING: 777-200	C-ACFT-SYMB
777-200LR		BOEING: 777-200LR	C-ACFT-SYMB
777-300		BOEING: 777-300	C-ACFT-SYMB

## AIRCRAFT (BOEING) SYMBOLS

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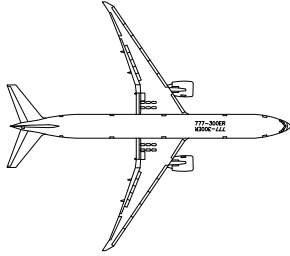
BLOCK

SYMBOL

DESCRIPTION

LAYER





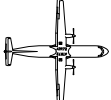






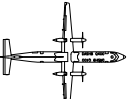
777-300ER



BOEING: 777-300ER



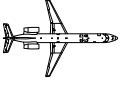






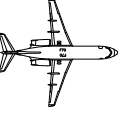
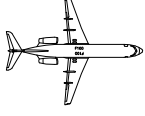


C-ACFT-SYMB

## AIRCRAFT (COMMUTER) SYMBOLS

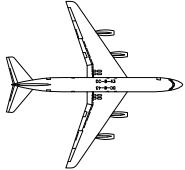
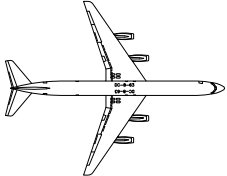
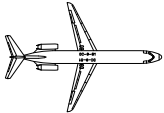
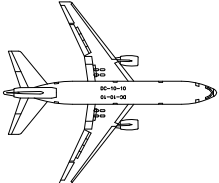
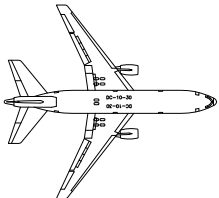
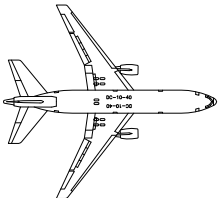
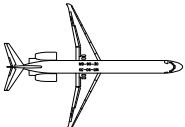
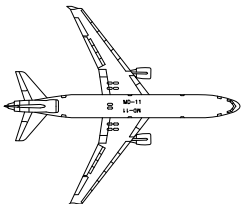
<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
1900D		COMMUTER: 1900D	C-ACFT-SYMB
ATR42-200		COMMUTER: ATR42-200	C-ACFT-SYMB
ATR42-300		COMMUTER: ATR42-300	C-ACFT-SYMB
ATR42-320		COMMUTER: ATR42-320	C-ACFT-SYMB
ATR72		COMMUTER: ATR72	C-ACFT-SYMB
BJ 400		COMMUTER: BJ 400	C-ACFT-SYMB
CL-600		COMMUTER: CL-600	C-ACFT-SYMB
CRJ-700		COMMUTER: CRJ-700	C-ACFT-SYMB
DASH7		COMMUTER: DASH7	C-ACFT-SYMB
DASH8 100		COMMUTER: DASH8 100	C-ACFT-SYMB
DASH8 300		COMMUTER: DASH8 300	C-ACFT-SYMB
DASH8 Q400		COMMUTER: DASH8 Q400	C-ACFT-SYMB

NOTE:  
BLOCKS SHOWN AT 1"=50' SCALE

## AIRCRAFT (COMMUTER) SYMBOLS

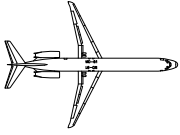
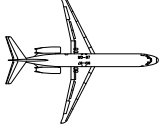
<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
E110		COMMUTER: E110	C-ACFT-SYMB
E120		COMMUTER: E120	C-ACFT-SYMB
E145		COMMUTER: E145	C-ACFT-SYMB
F27 500		COMMUTER: F27 500	C-ACFT-SYMB
F28-1000		COMMUTER: F28-1000	C-ACFT-SYMB
F28-2000		COMMUTER: F28-2000	C-ACFT-SYMB
F28-3000		COMMUTER: F28-3000	C-ACFT-SYMB
F28-4000		COMMUTER: F28-4000	C-ACFT-SYMB
F50		COMMUTER: F50	C-ACFT-SYMB
F70		COMMUTER: F70	C-ACFT-SYMB
F100		COMMUTER: F100	C-ACFT-SYMB
LEARJET 45		COMMUTER: LEARJET 45	C-ACFT-SYMB
SF340A		COMMUTER: SF340A	C-ACFT-SYMB

## AIRCRAFT (McCDONNELL) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
DC8-43		McDONNELL: DC8-43	C-ACFT-SYMB
DC8-63		McDONNELL: DC8-63	C-ACFT-SYMB
DC9-51		McDONNELL: DC9-51	C-ACFT-SYMB
DC10-10		McDONNELL: DC10-10	C-ACFT-SYMB
DC10-30		McDONNELL: DC10-30	C-ACFT-SYMB
DC10-40		McDONNELL: DC10-40	C-ACFT-SYMB
MD90-30		McDONNELL: MD90-30	C-ACFT-SYMB
MD-11		McDONNELL: MD-11	C-ACFT-SYMB

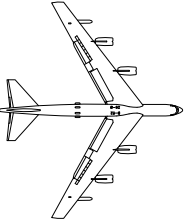
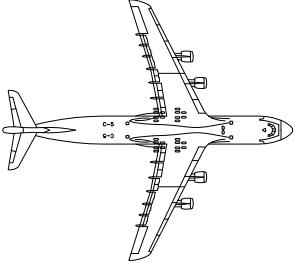
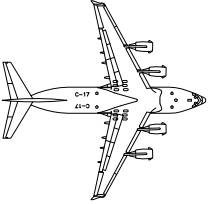

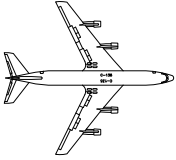
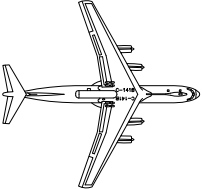
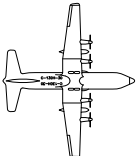
## AIRCRAFT (McDONNELL) SYMBOLS

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<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
MD-81		McDONNELL: MD-81	C-ACFT-SYMB
MD-87		McDONNELL: MD-87	C-ACFT-SYMB



## AIRCRAFT (MILITARY) SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
B-52		MILITARY: B-52	C-ACFT-SYMB
C-5		MILITARY: C-5	C-ACFT-SYMB
C-17		MILITARY: C-17	C-ACFT-SYMB
C-130H		MILITARY: C-130H	C-ACFT-SYMB
C-135		MILITARY: C-135	C-ACFT-SYMB
C-141B		MILITARY: C-141B	C-ACFT-SYMB
C-13030		MILITARY: C-13030	C-ACFT-SYMB

## AIRCRAFT (MILITARY) SYMBOLS

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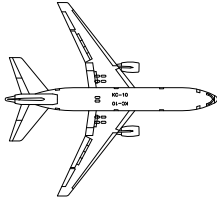
BLOCK

SYMBOL

DESCRIPTION

LAYER

















KC-10



MILITARY: KC-10

C-ACFT-SYMB

## AIRFIELD SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
L-850A		RUNWAY CENTERLINE, BIDIRECTIONAL: WHITE-WHITE (CLEAR-CLEAR)	E-LITE-RUNW-CNTL
L-850A-1		RUNWAY CENTERLINE, BIDIRECTIONAL: WHITE-RED (CLEAR-RED)	E-LITE-RUNW-CNTL
L-850A-2B		RUNWAY CENTERLINE, BIDIRECTIONAL: RED-WHITE (RED-CLEAR)	E-LITE-RUNW-CNTL
L-850B		RUNWAY TOUCHDOWN ZONE, UNIDIRECTIONAL: WHITE	E-LITE-RUNW-TDZN
L-850C-1		RUNWAY EDGE, BIDIRECTIONAL: WHITE-WHITE (CLEAR-CLEAR)	E-LITE-RUNW-EDGE
L-850C-2A		RUNWAY EDGE, BIDIRECTIONAL: WHITE-YELLOW (CLEAR-YELLOW)	E-LITE-RUNW-EDGE
L-850C-2B		RUNWAY EDGE, BIDIRECTIONAL: YELLOW-WHITE (YELLOW-CLEAR)	E-LITE-RUNW-EDGE
L-850D-1		RUNWAY THRESHOLD/END, BIDIRECTIONAL: GREEN-RED	E-LITE-THRS
L-850D-2		RUNWAY THRESHOLD/END, BIDIRECTIONAL: RED-RED	E-LITE-THRS
L-850E		MEDIUM INTENSITY APPROACH LIGHTING SYSTEM, THRESHOLD UNIDIRECTIONAL: GREEN	E-LITE-THRS
L-850F		LAND AND HOLD SHORT UNIDIRECTIONAL: WHITE; FLASHING	E-LITE-THRS
L-852A		TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; GREEN-GREEN (≥1200 RVR)	E-LITE-TAXI-CNTL
L-852B		TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; GREEN-GREEN (≥1200 RVR)	E-LITE-TAXI-CNTL
L-852B-W		TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; (WIDE BEAM) (≥1200 RVR)	E-LITE-TAXI-EDGE
L-852C-1		TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; GREEN-GREEN (≥1200 RVR)	E-LITE-TAXI-CNTL
L-852C-2A		TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; GREEN-YELLOW (≥1200 RVR)	E-LITE-TAXI-CNTL





















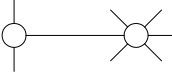

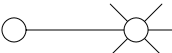
## AIRFIELD SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
L-852C-3B	G ⊙ G	TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; GREEN-GREEN (<1200 RVR)	E-LITE-TAXI-CNTL
L-852C-4A	G ⊙ Y	TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; GREEN-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852C-4B	Y ⊙ Y	TAXIWAY CENTERLINE, STRAIGHT SECTIONS; BIDIRECTIONAL; YELLOW-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-1	G ● G	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; GREEN-GREEN(<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-2A	Y ● Y	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; YELLOW-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-2B	G ● B	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-3A	G ⊙ Y	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; GREEN-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-3B	Y ⊙ G	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; YELLOW-GREEN (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-5A	B ⊙ Y	TAXIWAY CENTERLINE, CURVED SECTIONS; BIDIRECTIONAL; GREEN-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852D-5B	Y ⊙ B	TAXIWAY CENTERLINE, CURVED SECTIONS, BI-DIRECTIONAL: YELLOW-YELLOW (<1200 RVR)	E-LITE-TAXI-CNTL
L-852E	Y ⊙	TAXIWAY INTERSECTIONS, OMNIDIRECTIONAL: YELLOW (≥1200)	E-LITE-TAXI-INTS
L-852F	Y ⊗	TAXIWAY INTERSECTIONS, OMNIDIRECTIONAL: YELLOW (<1200)	E-LITE-TAXI-INTS
L-861-2	W ● R	RUNWAY EDGE, NON-PRECISION IRF RUNWAYS, BIDIRECTIONAL: WHITE-RED	E-LITE-RUNW-EDGE
L-861-3	R ⊙	RUNWAY EDGE, NON-PRECISION IRF RUNWAYS, BIDIRECTIONAL: RED-RED	E-LITE-RUNW-EDGE
L-861T	B ●	TAXIWAY EDGE, OMNIDIRECTIONAL: BLUE	E-LITE-TAXI-EDGE
L-862-1	⊗	RUNWAY EDGE, THRESHOLD, DISPLACED THRESHOLD, PRECISION IRF RUNWAYS, BIDIRECTIONAL: WHITE-WHITE	E-LITE-RUNW-EDGE

## AIRFIELD SYMBOLS













<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
L-862-2A		RUNWAY EDGE, THRESHOLD, DISPLACED THRESHOLD, PRECISION IRF RUNWAYS, BIDIRECTIONAL: WHITE-YELLOW (CLEAR-YELLOW)	E-LITE-RUNW-EDGE
L-862-2B		RUNWAY EDGE, THRESHOLD, DISPLACED THRESHOLD, PRECISION IRF RUNWAYS, BIDIRECTIONAL: YELLOW-WHITE (YELLOW-CLEAR)	E-LITE-RUNW-EDGE
L-862E-1		RUNWAY EDGE, THRESHOLD, DISPLACED THRESHOLD, PRECISION IRF RUNWAYS, BIDIRECTIONAL: RED-GREEN	E-LITE-RUNW-THRS
L-862E-2		RUNWAY EDGE, THRESHOLD, DISPLACED THRESHOLD, PRECISION IRF RUNWAYS, BIDIRECTIONAL: RED-RED	E-LITE-RUNW-THRS
L-867-1		JUNCTION CANS; CLASS 1 (NON-LOAD BEARING)	E-LITE-JBOX
L-868-1		JUNCTION CANS; CLASS 1 (LOAD BEARING) CANS ENCASED IN CONCRETE	E-LITE-JBOX
L-115-1		ELECTRICAL MANHOLE	E-AIRF-JBOX
L-115-2		ELECTRICAL HANDHOLE	E-AIRF-JBOX
L-858A		RUNWAY/TAXIWAY: ONE OR TWO-SIDED SIGN (YELLOW ON BLACK)	E-LITE-SIGN
L-858B		RUNWAY/TAXIWAY: ONE OR TWO-SIDED SIGN (BLACK ON YELLOW)	E-LITE-SIGN
L-858C		RUNWAY/TAXIWAY: ONE OR TWO-SIDED SIGN (WHITE ON RED)	E-LITE-SIGN

## CIVIL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
U-MHOL		UTILITY, SERVICES, MANHOLE	*-UTIL-MHOL
U-THRUST		UTILITY, PIPING, THRUST BLOCK	*-PIPE-EQPM
U-WHHOL		UTILITY, WATER HANDHOLE	*-WATR-INST
U-WMH		UTILITY, WATER MANHOLE	*-WATR-MHOL
U-WMET		UTILITY, WATER METER	*-WATR-INST
U-WVLV		UTILITY, WATER VALVE VAULT	*-WATR-INST
U-FHYDT		HYDRANT, FIRE	*-FIRE-HYDT
U-POLE		UTILITY, UTILITY POLE	*-****-POLE
U-WWMH		UTILITY, WASTEWATER MANHOLE	*-SSWR-MHOL
U-WWMET		UTILITY, WASTEWATER METER	*-SSWR-INST
U-WWCO		UTILITY, WASTEWATER CLEANOUT	*-SSWR-INST
U-WWVLV		UTILITY, WASTEWATER VALVE VAULT	*-SSWR-INST
U-CATBAS		DRAINAGE, CATCH BASIN	*-STRM-STRC
U-CATBASR		DRAINAGE, CATCH BASIN, ROUND	*-STRM-STRC
U-STMH		UTILITY, STORM DRAINAGE MANHOLE	*-STRM-MHOL
U-GSHUTOFF		PIPING, GAS SHUTOFF	*-NGAS-INST
U-GSMH		UTILITY, NATURAL GAS MANHOLE	*-NGAS-MHOL
U-GSMET		UTILITY, NATURAL GAS METER	*-NGAS-INST
U-GUYW		UTILITY, ELECTRICAL, GUY WIRE	*-POWR-INST
U-EHHOL		UTILITY, ELECTRIC HANDHOLD	*-POWR-INST
U-EPOL		LIGHT POST, ONE ARM IN POWER POLE	*-POWR-INST
E-LPOLS		ELECTRICAL, STREET LIGHT W/BRACKET	*-POWR-INST
E-LPOL1		LIGHT POST, ONE ARM, ONE HEAD	*-POWR-INST















\* TO BE REPLACED BY CIVIL (C) OR SURVEYING (V) DISCIPLINE CODE  
 NOTE: BLOCKS CREATED FOR SCALE OF 1"=20' DRAWING

## CIVIL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
U-EMH		UTILITY, ELECTRICAL MANHOLE	*-ELEC-MHOL
U-TMH		UTILITY, TELEPHONE MANHOLE	*-COMM-MHOL
U-CMH		UTILITY, COMMUNICATION MANHOLE	*-COMM-MHOL
C-JBOX		UTILITY, ELECTRICAL JUNCTION BOX	*-ELEC-JBOX
U-TVLT		UTILITY, TELEPHONE VAULT	*-COMM-VALT
U-PBOX		UTILITY, ELECTRICAL, PULL BOX	*-ELEC-JBOX
U-XFMR		UTILITY, ELECTRICAL, TRANSFORMER PAD	*-POWR-INST
C-GPMP		GAS PUMP	*-LGAS-PUMP
C-TEL R		TELEPHONE RISER	*-PHON-INSR
U-CAP		PIPING, SCREW CAP	*-WATR-INST
C-DRAR		DRAINAGE AREA	C-DRAN-AREA
HND CAP		HANICAP CHAIR SYMBOL	C-PRKG-MRKG






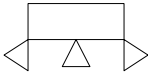


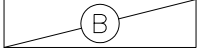
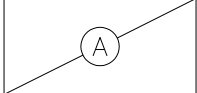
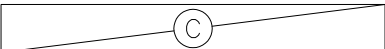


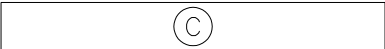

\* TO BE REPLACED BY CIVIL (C) OR SURVEYING (V) DISCIPLINE CODE  
 NOTE: BLOCKS CREATED FOR SCALE OF 1"=20' DRAWING

## CIVIL SYMBOLS

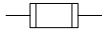














<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
C-TAR1		STRAIGHT ARROW	C-PVMT-MRKG
C-TAR2		STRAIGHT ARROW LEFT TURN	C-PVMT-MRKG
C-TAR3		LEFT TURN ONLY	C-PVMT-MRKG
C-TAR4		LEFT/RIGHT TURN STRAIGHT ARROW	C-PVMT-MRKG
C-TAR5		LEFT/RIGHT TURN	C-PVMT-MRKG
C-TAR6		RIGHT TURN STRAIGHT ARROW	C-PVMT-MRKG
C-TAR7		RIGHT TURN ONLY	C-PVMT-MRKG
C-TAR8		DUAL LEFT TURN	C-PVMT-MRKG
C-TAR9		HIGH OCCUPANCY VECHICLE LANE INDICATOR	C-PVMT-MRKG
C-TAR0		STOP SIGN	C-PVMT-MRKG
C-TBP		BICYCLE PATH	C-PVMT-MRKG
C-THCA		HANDICAP ACCESS	C-PVMT-MRKG
C-SIN01		INTERSTATE HIGHWAY SIGN	C-ROAD-SIGN
C-SIN02		STATE HIGHWAY SIGN	C-ROAD-SIGN



## ELECTRICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
ANNUN		CONTROL INSTRUMENTATION, GENERIC ANNUNCIATION DEVICE	E-CONT-DEVC
CLOCK		ELECTRICAL, RECEPTACLE, CLOCK HANGER	E-CLOK-EQPM
DOROPN		DOOR, HARDWARE, ELECTRIC OPENER	E-CONT-DEVC
ELBP1L		LIGHTING, ONE EMERGENCY BATTERY POWER	E-LITE-EMER
ELBP2L		LIGHTING, TWO EMERGENCY BATTERY POWER	E-LITE-EMER
ELBP3L		LIGHTING, THREE EMERGENCY BATTERY POWER	E-LITE-EMER
EXITWM		ELECTRICAL, EXIT SIGN, WALL MOUNTED LIGHT	E-LITE-SPCL
FIXWM		WALL MOUNTED FIXTURE	E-LITE-SPCL
FL1X4R		ELECTRICAL, LIGHT FIXTURE, RECESSED FLUORESCENT B, (1X4)	E-LITE-CLNG
FL2X4R		ELECTRICAL, LIGHT FIXTURE, RECESSED FLUORESCENT A, (2X4)	E-LITE-CLNG
FL1X8R		ELECTRICAL, LIGHT FIXTURE, RECESSED FLUORESCENT C, (1X8)	E-LITE-CLNG
FL2X4SM		ELECTRICAL, LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT A, (2X4)	E-LITE-CLNG
FL1X4SM		ELECTRICAL, LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT B, (1X4)	E-LITE-CLNG
FL1X8SM		ELECTRICAL, LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT C, (1X8)	E-LITE-CLNG
FLEMER		ELECTRICAL, LIGHT FIXTURE, FLUORESCENT EMERGENCY	E-LITE-CLNG











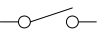

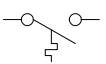


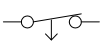


## ELECTRICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
FUSRAT		ELECTRICAL, FUSE WITH RATING	E-POWR-DEVC
GENRTR		ELECTRICAL, GENERATOR, POWER	E-POWR-EQPM
GROUND		ELECTRICAL, GROUNDING ROD	E-POWR-DEVC
HEDASW		ELECTRICAL, AERIAL SERVICE WEATHER HEAD	E-POWR-EQPM
JNBX		ELECTRICAL, JUNCTION BOX	E-POWR-JBOX
MOTR1PH		ELECTRICAL, MOTOR, SINGLE-PHASE	E-POWR-EQPM
MOTR3PH		ELECTRICAL, MOTOR, THREE-PHASE	E-POWR-EQPM
PBDSTR		ELECTRICAL, DISTRIBUTION PANEL	E-POWR-PANL
PBFMC		ELECTRICAL, PANELBOARD CABINET, FLUSH MOUNTED	E-POWR-PANL
PBSMC		ELECTRICAL, PANELBOARD CABINET, SURFACE MOUNTED	E-POWR-PANL
PBPWRP		ELECTRICAL, POWER PANEL	E-POWR-PANL
PSHBUT		ELECTRICAL, PUSH BUTTON	E-POWR-DEVC
RCNC		ELECTRICAL, NORMALLY CLOSED RELAY CONTACT	E-POWR-DEVC
RCNO		ELECTRICAL, NORMALLY OPEN RELAY CONTACT	E-POWR-DEVC
RESHTR		ELECTRICAL, HEATER, ELECTRIC RESISTANCE	E-POWR-DEVC



## ELECTRICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
RECSIN		ELECTRICAL, RECEPTACLE, SINGLE	E-POWR-DEVC
RECDUP		ELECTRICAL, RECEPTACLE, DUPLEX	E-POWR-DEVC
RECQUA		ELECTRICAL, RECEPTACLE, QUADRAPLEX	E-POWR-DEVC
RECPTA		ELECTRICAL, DUPLEX RECEPTACLE ON EMERGENCY POWER	E-POWR-DEVC
RECSPR		ELECTRICAL, SPECIAL PURPOSE RECEPTACLE	E-POWR-DEVC
RECRAN		ELECTRICAL, RECEPTACLE RANGE	E-POWR-DEVC
RECSNS		ELECTRICAL, SINGLE RECEPTACLE WITH SWITCH	E-POWR-DEVC
RECSDP		SWITCHED DUPLEX RECEPTACLE	E-POWR-DEVC
RECGFI		DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER (GFI)	E-POWR-DEVC
RECSFM		FLOOR OUTLET, SINGLE FLUSH MOUNTED	E-POWR-DEVC
RECSSM		FLOOR OUTLET, SPECIAL PURPOSE MOUNTED	E-POWR-DEVC
SWI1WY		SINGLE-POLE SWITCH	E-LITE-SWCH
SWI2WY		DOUBLE-POLE SWITCH	E-LITE-SWCH
SWI3WY		THREE-WAY SWITCH	E-LITE-SWCH
SWI4WY		FOUR-WAY SWITCH	E-LITE-SWCH
SWIKEY		KEY-OPERATED SWITCH	E-LITE-SWCH
SWILIT		SWITCH WITH PILOT LIGHT	E-LITE-SWCH
SWITIM		TIMER OPERATED SWITCH	E-LITE-SWCH


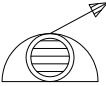












## ELECTRICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
SWICB		ELECTRICAL, CIRCUIT BREAKER	E-POWR-SWCH
SWILVM		ELECTRICAL, LOW VOLTAGE MASTER SWITCH	E-POWR-SWCH
SWIDM1		ELECTRICAL, DIMMER SWITCH	E-POWR-SWCH
SWIFUS		ELECTRICAL, FUSED SWITCH	E-POWR-SWCH
SWIDIS		ELECTRICAL, DISCONNECT SWITCH,, UNFUSED	E-POWR-SWCH
SWLNC		ELECTRICAL, NORMALLY CLOSED LIMIT SWITCH	E-POWR-SWCH
SWLNO		ELECTRICAL, NORMALLY OPEN LIMIT SWITCH	E-POWR-SWCH
SWMULT		ELECTRICAL, MULTIPOSITION SWITCH	E-POWR-SWCH
SWFONC		ELECTRICAL, NORMALLY CLOSED FOOT-OPERATED SWITCH	E-POWR-SWCH
SWPCOI		ELECTRICAL, PRESSURE SWITCH-CLOSE ON INCREASE	E-POWR-SWCH
SWPOOI		ELECTRICAL, PRESSURE SWITCH-OPEN ON INCREASE	E-POWR-SWCH
SWSBRK		ELECTRICAL, SWITCH, SINGLE BREAK	E-POWR-SWCH
SWTANC		ELECTRICAL, SWITCH, NORMALLY CLOSED TEMP ACTIVATED	E-POWR-SWCH
SWTANO		ELECTRICAL, NORMALLY OPEN TEMP ACTIVATED SWITCH	E-POWR-SWCH
SWFLNC		NORMALLY CLOSED FLOAT SWITCH	E-POWR-SWCH
SWFLNO		ELECTRICAL, SWITCH, NORMALLY OPEN FLOAT	E-POWR-SWCH
SWTDNC		NORMALLY CLOSED TIME DELAY SWITCH	E-POWR-SWCH
SWTDNO		NORMALLY OPEN TIME DELAY SWITCH	E-POWR-SWCH
TSTAT		ELECTRICAL, THERMOSTAT	E-POWR-DEVC




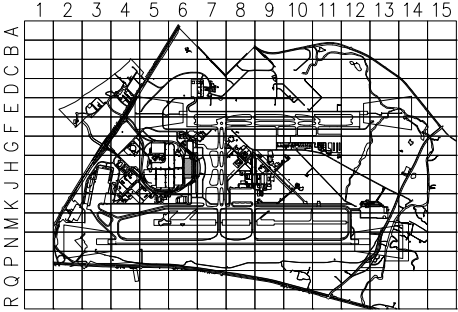
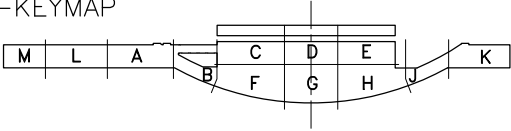


## FIRE PROTECTION/SUPPRESSION SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
F-EX001		FIRE SUPPRESSION, AUTOMATIC ACTUATED WET EXTINGUISHING SYSTEM	F-PROT-EXTI
F-EX002		FIRE SUPPRESSION, MANUALLY ACTUATED WET EXTINGUISHING SYSTEM	F-PROT-EXTI
F-EX003		FIRE SUPPRESSION, DRY AUTOMATIC ACTUATED	F-PROT-EXTI
F-EX004		FIRE SUPPRESSION, DRY MANUALLY ACTUATED	F-PROT-EXTI
F-EX005		FIRE SUPPRESSION, FOAM AUTOMATIC ACTUATED	F-PROT-EXTI
F-EX006		FIRE SUPPRESSION, FOAM MANUALLY ACTUATED	F-PROT-EXTI
F-EX007		FIRE SUPPRESSION, EXTINGUISHER, MANUALLY ACTUATED DRY CHEMICAL	F-PROT-EXTI
F-EX008		FIRE PROTECTION, EXTINGUISHER, DRY CHEMICAL, FOR LIQUID GAS, OR ELECTRICAL FIRES	F-PROT-EXTI
F-EX009		FIRE PROTECTION, EXTINGUISHER, DRY CHEMICAL, FOR FIRES OF ALL TYPES EXCEPT METALS	F-PROT-EXTI
F-EX010		FIRE PROTECTION, EXTINGUISHER, FOAM	F-PROT-EXTI
F-EX011		FIRE PROTECTION, EXTINGUISHER, CARBON DIOXIDE	F-PROT-EXTI
F-EX012		FIRE PROTECTION, MANUAL, CARBON DIOXIDE STATION	F-PROT-EXTI
F-EX013		FIRE PROTECTION, AUTOMATIC ACTUATED HALON	F-PROT-EXTI
F-EX014		FIRE PROTECTION, HALON MANUALLY ACTUATED EXTINGUISHER	F-PROT-EXTI
F-EX015		FIRE PROTECTION, EXTINGUISHER FOR METAL FIRES	F-PROT-EXTI
F-EX016		FIRE PROTECTION, EXTINGUISHER, HALON OR CLEAN AGENT	F-PROT-EXTI
F-EX016		FIRE PROTECTION, EXTINGUISHER, PORTABLE	F-PROT-EXTI
F-EX016		FIRE PROTECTION, EXTINGUISHER, WATER	F-PROT-EXTI

## FIRE PROTECTION/SUPPRESSION SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
M-PL001		FIRE SUPPRESSION, HOSE CABINET OR CONNECTION	F-PROT-EXTI
M-PL003		STANDPIPE, HOSE CABINET CHARGED	F-PROT-EXTI
F-SP003		FIRE SUPPRESSION, SPRINKLER HEADS, SIDEWALL UPRIGHT	F-PROT-EXTI
F-SP004		FIRE SUPPRESSION, SPRINKLER HEADS, SIDEWALL PENDANT	F-PROT-EXTI
F-SP007		FIRE SUPPRESSION, SPRINKLER RISER	F-PROT-EXTI
F-SP010		CHECK VALVE	F-PROT-EXTI
F-SP011		ALARM, CHECK VALVE	F-PROT-EQPM
F-SP012		FIRE SUPPRESSION, DRY PIPE, VALVE	F-PROT-EQPM
F-SP013		FIRE SUPPRESSION, DRY PIPE VALVE, QUICK OPENING VALVE	F-PROT-EQPM
F-SP014		FIRE SUPPRESSION	F-PROT-EQPM
F-SP015		DETECTOR, FLOW SWITCH	F-PROT-ALRM
T-TDSW		DETECTOR SWITCH, TAMPER	T-SECT-EQPM
T-VTD		DETECTOR SWITCH, VALVE TAMPER	T-SECT-EQPM
F-PSW		FIRE SUPPRESSION, PRESSURE SWITCH	F-PROT-EXTI

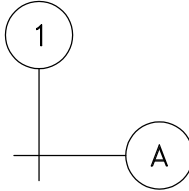
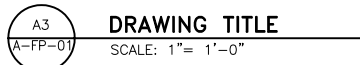
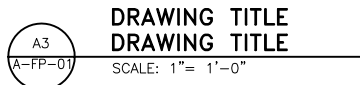



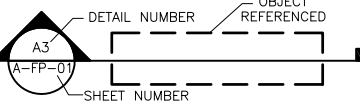
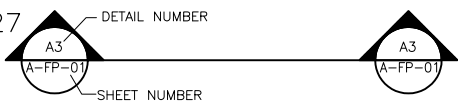
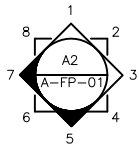
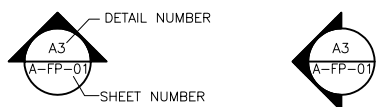
# GENERAL SYMBOLS

BLOCK	SYMBOL	DESCRIPTION	LAYER
ABIA_LOGO		ABIA LOGO W/ TEXT	G-ANNO-SYMB
	<b>Austin-Bergstrom International Airport</b>		
ABIA_LOGO2		ABIA LOGO	G-ANNO-SYMB
COA_LOGO		CITY OF AUSTIN LOGO	G-ANNO-SYMB
C-KEYMAP		SITE KEYMAP	G-ANNO-SYMB
*A-KEYMAP		TERMINAL KEYMAP	G-ANNO-SYMB
*ABIA-PROJNA		TRUE NORTH ARROW	G-ANNO-SYMB
TRUE-NORTH		PLAN NORTH ARROW	G-ANNO-SYMB

NOTE:

\* BLOCKS SHOWN AT HALF-SCALE

# GENERAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
G-SEC20		COLUMN GRID INDICATOR	S-GRID-EXTR S-GRID-INTR
G-SEC21		DRAWING BLOCK TITLE, TYPICAL	G-ANNO-TITL
G-SEC22		DRAWING BLOCK TITLE, TYPICAL (2-LINE TEXT)	G-ANNO-TITL
G-SEC23		DRAWING DETAIL MARKER	G-ANNO-TITL
G-SEC24		SECTION INDICATOR	G-ANNO-LABL
G-SEC25		DETAIL INDICATOR, DASHED CIRCLE	G-ANNO-LABL
G-SEC26		SECTION INDICATORS FOR PARTIAL PARTIAL BUILDING, TYPICAL	G-ANNO-LABL
G-SEC27		BUILDING SECTION	G-ANNO-LABL
G-SEC28		ELEVATION INDICATOR, INTERIOR	G-ANNO-LABL
G-SEC29		ELEVATION INDICATOR, EXTERIOR	G-ANNO-LABL

NOTE:  
BLOCKS SHOWN AT HALF-SCALE



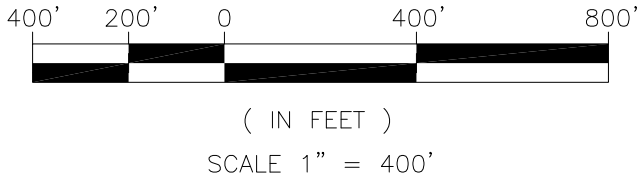
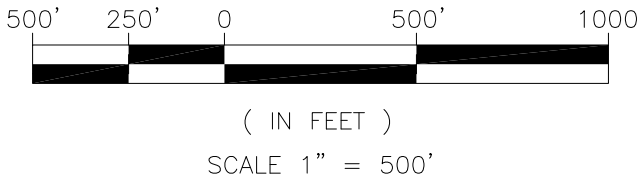
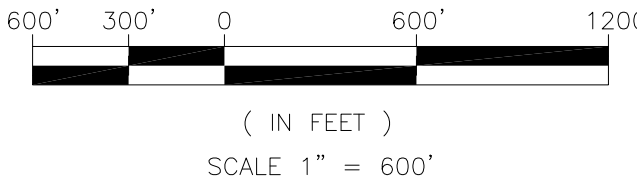
# GENERAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>		<u>LAYER</u>
C-S001	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 1'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S002	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 2'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S005	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 5'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S010	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 10'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S020	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 20'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S030	 <p style="text-align: center;">( IN FEET ) SCALE 1" = 30'</p>	GRAPHIC SCALE	G-ANNO-SYMB

# GENERAL SYMBOLS

BLOCK	SYMBOL		LAYER
C-S040	 <p>( IN FEET ) SCALE 1" = 40'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S050	 <p>( IN FEET ) SCALE 1" = 50'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S060	 <p>( IN FEET ) SCALE 1" = 60'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S100	 <p>( IN FEET ) SCALE 1" = 100'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S200	 <p>( IN FEET ) SCALE 1" = 200'</p>	GRAPHIC SCALE	G-ANNO-SYMB
C-S300	 <p>( IN FEET ) SCALE 1" = 300'</p>	GRAPHIC SCALE	G-ANNO-SYMB




# GENERAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>LAYER</u>
C-S400	 <p>( IN FEET ) SCALE 1" = 400'</p>	GRAPHIC SCALE G-ANNO-SYMB
C-S500	 <p>( IN FEET ) SCALE 1" = 500'</p>	GRAPHIC SCALE G-ANNO-SYMB
C-S600	 <p>( IN FEET ) SCALE 1" = 600'</p>	GRAPHIC SCALE G-ANNO-SYMB
























# AIRCRAFT SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>		<u>LAYER</u>
A-S1_16	<div style="text-align: center;"> <p>SCALE: <math>\frac{1''}{16} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB
A-S3_32	<div style="text-align: center;"> <p>SCALE: <math>\frac{3''}{32} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB
A-S1_8	<div style="text-align: center;"> <p>SCALE: <math>\frac{1''}{8} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB
A-S3_16	<div style="text-align: center;"> <p>SCALE: <math>\frac{3''}{16} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB
A-S1_4	<div style="text-align: center;"> <p>SCALE: <math>\frac{1''}{4} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB
A-S3_8	<div style="text-align: center;"> <p>SCALE: <math>\frac{3''}{8} = 1'-0''</math></p> </div>	GRAPHIC SCALE	G-ANNO-SYMB

# GENERAL SYMBOLS










<u>BLOCK</u>	<u>SYMBOL</u>	<u>LAYER</u>
A-S1_2	<div style="display: flex; justify-content: space-between; width: 100%;"> <span>12"</span> <span>0</span> <span>1'</span> <span>2'</span> <span>3'</span> <span>4'</span> </div>  <p style="text-align: center; margin-top: 10px;">SCALE: <math>\frac{1''}{2} = 1'-0''</math></p>	GRAPHIC SCALE G-ANNO-SYMB
A-S3_4	<div style="display: flex; justify-content: space-between; width: 100%;"> <span>12"</span> <span>6"</span> <span>0</span> <span>1'</span> <span>2'</span> </div>  <p style="text-align: center; margin-top: 10px;">SCALE: <math>\frac{3''}{4} = 1'-0''</math></p>	GRAPHIC SCALE G-ANNO-SYMB
A-S1-5	<div style="display: flex; justify-content: space-between; width: 100%;"> <span>12"</span> <span>9"</span> <span>6"</span> <span>3"</span> <span>0</span> <span>1'</span> </div>  <p style="text-align: center; margin-top: 10px;">SCALE: <math>1\frac{1''}{2} = 1'-0''</math></p>	GRAPHIC SCALE G-ANNO-SYMB
HVSCCL	SCALE:      HORIZ.: 1"= X' VERT. : 1"= X'	HORIZONTAL & VERTICAL SCALE G-ANNO-SYMB
PIDATA	P.I. = X P.C. = X P.T. = X Δ = X'X'X" D = X' R = X' T = X' L = X'	GRAPHIC SCALE G-ANNO-SYMB

## HAZARDOUS SYMBOLS

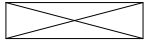

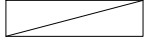






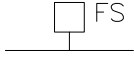









<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
AIRQST		AIR QUALITY MONITORING STATION	H-MNST-AIRS
AIRSMP		AIR SAMPLE LOCATION	H-SAMP-AIRS
BIOSMP		BIOLOGICAL SAMPLE LOCATION	H-SAMP-BIOL
EGDECN		EQUIP. DECONTAMINATION	H-DECN-EQPM
EGONST		ONSITE COMMAND POST	H-BLDG-OTLN
EGSITE		SITE INFORMATION CENTER	H-BLDG-OTLN
EGWASH		WASHDOWN WATER TANK	H-DECN-EQPM
EHZMSA		HAZMAT STORAGE LOCATION	H-STOR-HAZM
EHZMSB		HAZMAT STORAGE BUILDING	H-STOR-HAZM
EHZMSR		HAZMAT STORAGE ROOM	H-STOR-HAZM
EHZMSV		HAZMAT STORAGE VAULT	H-STOR-HAZM
EHZWSA		HAZWASTE STORAGE LOCATION	H-STOR-HAZW
EHZWSB		HAZWASTE STORAGE BUILDING	H-STOR-HAZW
EHZWSR		HAZWASTE STORAGE ROOM	H-STOR-HAZW
EHZWSV		HAZWASTE STORAGE VAULT	H-STOR-HAZW
EMGSHW		EMERGENCY SHOWER	H-FIXT-SHOW
EPOLLS		POLLUTION SOURCE SITE	H-POLL-ORIG
EYEWAS		EMERGENCY EYEWASH	H-FIXT-EYEW
GWTQST		GRDWTR QUALITY MONITORING STATION	H-MNST-GWTR
LANGAS		LANDFILL GAS MONITORING PROBE	H-MNST-NGAS
MAGLOC		MAGNETOMETER DET LOCATION	H-DECN-EQPM
MATSMP		SOLID MAP SAMPLE LOCATION	H-SAMP-SOLI
PRLLOC		POTENTIAL RELEASE LOCATION	H-POLL-POTN

## HAZARDOUS SYMBOLS

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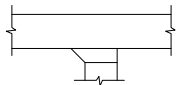


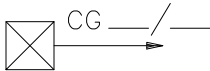



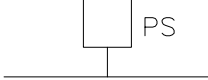


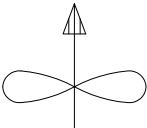




<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
SEDSMP		SEDIMENT SAMPLE LOCATION	H-SAMP-SOLI
SOLGAS		SOIL GAS MONITOR PROBE	H-SAMP-SOIL
SOLSMP		SOIL SAMPLE LOCATION	H-SAMP-SOIL
SPLRES		SPILL RESPONSE	H-POLL-POTN
SPLTNK		SPILL CONTAINMENT TANK	H-DISP-TANK
SURSMP		SURFACE WATER SAMPLE LOCATION	H-SAMP-SWTR
SWTQST		SURFACE WATER QUALITY MONITOR	H-MNST-SWTR
WASSMP		WASTE SAMPLE LOCATION	H-SAMP-WAST
WATSMP		GROUNDWATER SAMPLE LOCATION	H-SAMP-GWTR

## MECHANICAL SYMBOLS

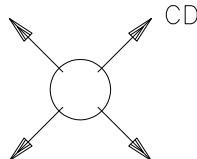
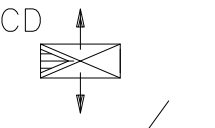
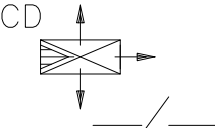
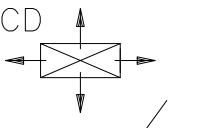
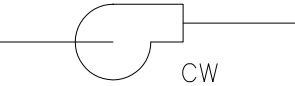
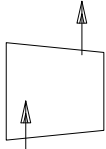
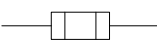
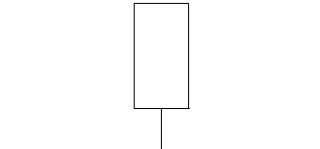
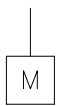

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
DCTSA		DUCT SECTION, SUPPLY AIR	M-EXHS-DUCT
DCTSAD		DUCT SECTION, SUPPLY AIR DOWN	M-EXHS-DUCT
DCTRA		DUCT SECTION, RETURN AIR	M-EXHS-DUCT
DCTRAD		DUCT SECTION, RETURN AIR DOWN	M-EXHS-DUCT
DCTEXU		DUCT SECTION, EXHAUST AIR UP	M-EXHS-DUCT
DCTEXD		DUCT SECTION, EXHAUST AIR DOWN	M-EXHS-DUCT
DMPVOL		DAMPER, MANUAL VOLUME	M-HVAC-DMPR
FLXCON		* AIR DISTRIBUTION, FLEXIBLE CONNECTOR	M-EXHS-DUCT
TVANE		AIR DISTRIBUTION, TURNING VANE IN DUCTWORK	M-EXHS-DUCT
FLSWI		AIR DISTRIBUTION, FLOW SWITCH	M-HVAC-EQPM
VENFMTR		AIR DISTRIBUTION, VENTURI FLOWMETER	M-HVAC-EQPM
SNDATT		AIR DISTRIBUTION, DUCTWORK SOUND ATTENUATOR	M-HVAC-EQPM
FLEXDCT		DUCT, FLEXIBLE	M-EXHS-DUCT
DCTTRNS		AIR DISTRIBUTION, DUCT, TRANSITION	M-EXHS-DUCT
DCTHTR		DAMPER HEATER, DUCT, ELECTRIC	M-HVAC-DMPR
LOUOPN		LOUVER, DOOR OR WALL OPENING	M-HVAC-DOOR
DMPFIR		AIR DISTRIBUTION, FIRE DAMPER	M-HVAC-DMPR
DMPDRF		DAMPER, BACK DRAFT	M-HVAC-DMPR
DMPFS		AIR DISTRIBUTION, FIRE AND SMOKE DAMPER	M-HVAC-DMPR





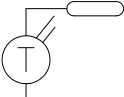

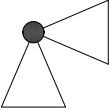
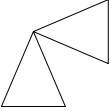
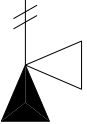
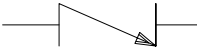

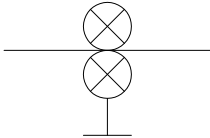
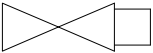
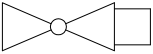
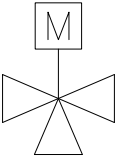
## MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
DCTBR		DUCT SECTION, STANDARD BRANCH FOR SUPPLY AND RETURN	M-EXHS-DUCT
DCTDIR		DUCTWORK, CHANGE IN ELEVATION	M-EXHS-DUCT
ACCDOR		ACCESS DOOR (AD) OR ACCESS PANEL (AP)	M-HVAC-DOOR
GRILSU		REGISTER GRILLE, CEILING SUPPLY	M-HVAC-EQPM
THPELE		HVAC CONTROL, THERMOSTAT, ELECTRIC	M-HVAC-EQPM
HSENS		HUMIDITY SENSOR	M-HVAC-EQPM
HSTAT		HUMIDISTAT	M-HVAC-EQPM
PRSW1		HVAC CONTROL, PRESSURE SWITCH, TYPE 1	M-HVAC-EQPM
CENTFAN		AIR DISTRIBUTION, CENTRIFUGAL FAN PUMP	M-HVAC-EQPM
FANLRV		FAN, LOUVERED ROOF VENT	M-HVAC-EQPM
GENFAN		AIR DISTRIBUTION, FAN	M-HVAC-EQPM
HEATU		HEATING, UNIT (INDICATE TYPE)	M-HVAC-EQPM
HEATMX		HEATING, MIXING TERMINAL UNIT	M-HVAC-EQPM
RHEATU		HEATING, REHEAT TERMINAL UNIT	M-HVAC-EQPM
VHEATU		HEATING, VARIABLE VOLUME TERMINAL UNIT, REHEAT	M-HVAC-EQPM

# MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
CDRND		NECKNECK DIFFUSER, CEILING ROUND	M-HVAC-CDFF
CD2WAY		DIFFUSER, CEILING, TWO-WAY RECTANGULAR OR SQUARE	M-HVAC-CDFF
CD3WAY		DIFFUSER, CEILING, THREE-WAY RECTANGULAR OR SQUARE	M-HVAC-CDFF
CD4WAY		DIFFUSER, CEILING, FOUR-WAY RECTANGULAR OR SQUARE	M-HVAC-CDFF
PUMP		PIPING, PUMP (PLAN) INDICATE USE)	M-HVAC-PIPE
CENTCPR		REFRIGERATION EQUIPMENT, CENTRIFUGAL COMPRESSOR	M-HVAC-EQPM
LIQEX		PIPING, HEAT, LIQUID EXCHANGER	M-HVAC-PIPE
THERM		HVAC CONTROL, THERMOMETER	M-HVAC-EQPM
DMPEOC		DAMPER CONTROL, ELECTRIC OPERATED	M-HVAC-DMPR
DUCDET		AIR DISTRIBUTION, DUCT DETECTOR	M-HVAC-EQPM

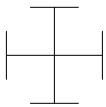

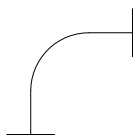

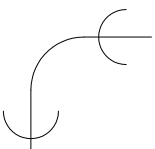

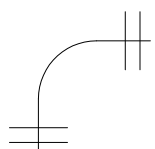
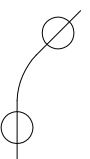
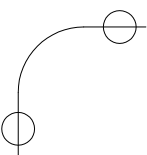
# MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
DMPPOD		AIR DISTRIBUTION, DUCT DETECTOR	M-HVAC-DMPR
HVACPNL		HVAC CONTROL PANEL	M-HVAC-EQPM
THHRB		HVAC CONTROL, REMOTE BULB THERMOSTAT	M-HVAC-EQPM
THHSC		HVAC CONTROL, SELF CONTAINED THERMOSTAT	M-HVAC-EQPM
VAGLE		PIPING, ANGLE GLOBE VALVE (ELEVATION)	M-HVAC-PIPE
VAGSE		PIPING, ANGLE GATE VALVE (ELEVATION)	M-HVAC-PIPE
VATPR		PIPING, TEMPERATURE PRESSURE RELIEF VALVE	M-HVAC-PIPE
VASGCH		PIPING, SPRING GATE CHECK VALVE	M-HVAC-PIPE
VASDIA		PIPING, SCREWED DIAPHRAGM VALVE	M-HVAC-PIPE
VACNSTPR		PIPING, VALVE, CONSTANT PRESSURE SUCTION	M-HVAC-PIPE
VAHGSC		PIPING, SCREWED HOSE GATE VALVE	M-HVAC-PIPE
VAHGLS		PIPING, SCREWED HOSE GLOBE VALVE	M-HVAC-PIPE
VA3WEM		HVAC CONTROLLED, THREE-WAY ELECTRIC MOTOR CONTROLLED VALVE	M-HVAC-EQPM

NOTE:

\*ADDITIONAL LAYER INFORMATION MAY BE ENTERED IN THE OPTIONAL GROUP SEE LAYER LIST

## MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
CRSRSC		PIPING, STRAIGHT SIZE SCREWED CROSS	M-HVAC-PIPE
EL45SC		PIPING, SCREWED 45 DEGREE ELBOW	M-HVAC-PIPE
EL90SC		PIPING, SCREWED 90 DEGREE ELBOW	M-HVAC-PIPE
EL45BS		PIPING, BELL & SPIGOT 45 DEGREE ELBOW	M-HVAC-PIPE
EL90BS		PIPING, BELL & SPIGOT 90 DEGREE ELBOW	M-HVAC-PIPE
EL45FL		PIPING, FLANGED 45 DEGREE ELBOW	M-HVAC-PIPE
EL90FL		PIPING, FLANGED 90 DEGREE ELBOW	M-HVAC-PIPE
EL45S		PIPING, SOLDERED 45 DEGREE ELBOW	M-HVAC-PIPE
EL90S		PIPING, SOLDERED 90 DEGREE ELBOW	M-HVAC-PIPE

NOTE:

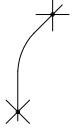
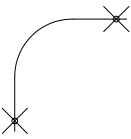



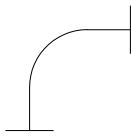
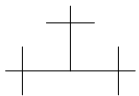
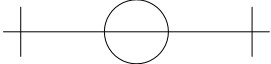


\*ADDITIONAL LAYER INFORMATION MAY BE ENTERED IN THE OPTIONAL GROUP SEE LAYER LIST

Revision:  
September 2, 2014

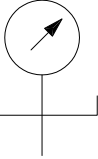
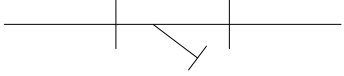
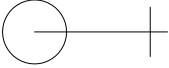
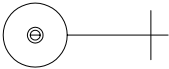


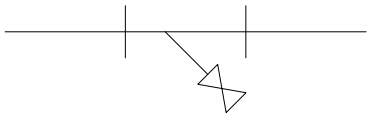
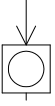
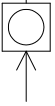



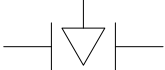
Austin-Bergstrom International Airport  
**CADD Standards**

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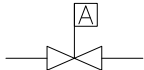
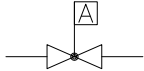
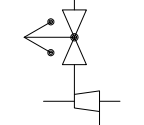
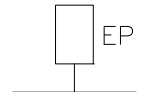
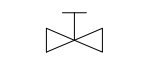
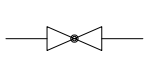
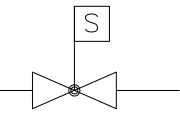
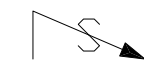
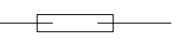
# MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
EL45W		PIPING, WELDED 45 DEGREE ELBOW	M-HVAC-PIPE
EL90W		PIPING, WELDED 90 DEGREE ELBOW	M-HVAC-PIPE
LATSC		PIPING, SCREWED LATERAL	M-HVAC-PIPE
CREDESC		PIPING, SCREWED CONCENTRIC REDUCER	M-HVAC-PIPE
EREDSC		PIPING, SCREWED ECCENTRIC REDUCER	M-HVAC-PIPE
ELREDSC		PIPING, SCREWED REDUCING ELBOW	M-HVAC-PIPE
TSSSC		PIPING, SCREWED STRAIGHT SIZE TEE	M-HVAC-PIPE
TODSC		PIPING, SCREWED OUTLET DOWN TEE	M-HVAC-PIPE
TOUSC		PIPING, SCREWED OUTLET UP TEE	M-HVAC-PIPE
UNIOSC		PIPING, SCREWED UNION	M-HVAC-PIPE



# MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
PRGGCO		PIPING, PRESSURE GAGE AND COCK	M-HVAC-PIPE
STRAIN		PIPING, STRAINER	M-HVAC-PIPE
ELTDSC		PIPING, SCREWED TURNED DOWN ELBOW	M-HVAC-PIPE
ELTUSC		PIPING, SCREWED TURNED UP ELBOW	M-HVAC-PIPE
JOINFL		PIPING, FLANGED CONNECTING PIPE JOINT	M-HVAC-PIPE
ANCHI		PIPING, ANCHOR INTERMEDIATE	M-HVAC-PIPE
STRBLO		PIPING, BLOW OFF STRAINER	M-HVAC-PIPE
VAFLHS		PIPING, HIGH SIDE FLOAT VALVE	M-HVAC-PIPE
VAFLLS		PIPING, LOW SIDE FLOAT VALVE	M-HVAC-PIPE
EL45TD		PIPING, TURNED DOWN 45 DEGREE ELBOW	M-HVAC-PIPE
FLBLND		PIPING, BLIND FLANGE	M-HVAC-PIPE
VABFLY		PIPING, BUTTERFLY VALVE	M-HVAC-PIPE
VAPLUG		PIPING, PLUG VALVE	M-HVAC-PIPE

## MECHANICAL SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
VAGMC		HVAC CONTROL, SCREWED MOTOR OPERATED GATE VALVE	M-HVAC-EQPM
VAGLMC		HVAC CONTROL, SCREWED MOTOR OPERATED GLOBE VALVE	M-HVAC-EQPM
VAAGOV		HVAC CONTROL, AUTOMATIC GOVERNOR OPERATED VALVE	M-HVAC-EQPM
ELCNTL		ELECTRIC PNEUMATIC CONTROL	M-HVAC-EQPM
VAGTSE		PIPING, SCREWED GATE VALVE (ELEVATION)	M-HVAC-PIPE
VAGLSE		PIPING, SCREWED GLOBE VALVE (ELEVATION)	M-HVAC-PIPE
VASOLN		HVAC CONTROL, SOLENOID VALVE	M-HVAC-EQPM
VASPCH		HVAC CONTROL, SPRING CHECK VALVE	M-HVAC-PIPE
EXPJNT		PIPING, EXPANSION JOINT	M-HVAC-PIPE

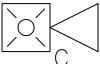



## SAFETY & SECURITY SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
ALITE		ALARM, LAMP LIGHT SIGNAL LIGHT, STROBE	T-SERT-ALRM
ANNUPL		SECURITY ACCESS, ANNUNICATOR PANEL	T-SERT-EQPM
* AUDIO		AUDIO DEVICE	T-SERT-EQPM
CPFTR		ALARM, TRANSPONDER OR TRANSMITTER	T-SECT-ALRM
* BIACD		BIOMETRICS ACCESS CONTROL DEVICE	T-SERT-EQPM
BUZZER		SECURITY ACCESS, BUZZER	T-SERT-EQPM
* CARDKEY		CARD READER WITH KEYPAD	T-SERT-EQPM
CPFCP		ALARM, FIRE, CONTROL PANEL	F-CTRL-PANL
* CRDRDR		CARD ACCESS READER	T-SERT-EQPM
* CTRLPL		CONTROL PANEL	T-SERT-EQPM
DTFLAM		DETECTOR, FLAME FLICKER	F-PROT-ALRM
EXITDV		EXIT DEVICE	T-SERT-EQPM
FAAP		FIRE ALARM, PANEL	F-CTRL-PANL
GONG		ALARM, GONG	F-PROT-ALRM
HD		DETECTOR, HEAT	F-PROT-ALRM
HDRR		DETECTOR, HEAT RATE OF RISE	F-PROT-ALRM

\* NOTE:  
SEE PAGE SERT-04 FOR M (MOUNT) TYPE AND TECHNOLOGY/TYPE (SPECIFIC TO DEVICE) LEGEND.
















## SAFETY & SECURITY SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
HORN		SECURITY ACCESS, HORN OR SIREN	T-SERT-EQPM
HRN1A		ALARM, HORN / LIGHT ONE ASSEMBLY	T-SERT-EQPM
HRNSA		ALARM, HORN / LIGHT SEPARATE ASSEMBLY	T-SERT-EQPM
HRNCH		ALARM, HORN / LIGHT ONE ASSEMBLY WITH CHIME	T-SERT-EQPM
* INCOME		INTERCOM	T-SERT-EQPM
*KEYPAD		KEYPAD DEVICE	T-SERT-EQPM
MANSTA		ALARM, FIRE, MANUAL PULL STATION	F-PROT-ALRM
NAACP		ALARM, MASTER CONTROL PANEL	T-SERT-EQPM
MICROW		SECURITY ACCESS, OUTDOOR MICROWAVE TRANSMISSION UNIT	T-SERT-EQPM
* MONITOR		MONITOR	T-SERT-EQPM
* MOTION		MOTION DETECTOR	T-SERT-EQPM
PANICB		SECURITY ACCESS, PANIC ALARM	T-SERT-EQPM
* PUSH		PUSH BUTTON	T-SERT-EQPM

\* NOTE:

SEE PAGE SERT-04 FOR M (MOUNT) TYPE AND TECHNOLOGY/TYPE (SPECIFIC TO DEVICE) LEGEND.

## SAFETY & SECURITY SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
SDI		DETECTOR, IONIZATION SMOKE	F-PROT-ALRM
SDP		DETECTOR, PHOTOELECTRIC SMOKE	F-PROT-ALRM
SDUCT		DUCT SMOKE DETECTOR	F-PROT-ALRM
SECSA		SECURITY ACCESS, ANNUNCIATOR PANEL	T-SERT-EQPM
SENGV		SECURITY ACCESS, VOLUMETRIC SENSOR	T-SERT-EQPM
SMD		DETECTOR, SMOKE	F-PROT-ALRM
SPRUCE		ELECTRICAL SPEAKER, CEILING MOUNTED	T-COMM-EQPM
SPRAWL		ELECTRICAL SPEAKER, WALL MOUNTED	T-COMM-EQPM
TMPSWI		ALARM, TAMPER SWITCH	F-PROP-ALRM
VDMDPZ		SECURITY ACCESS, VIDEO CAMERA WITH LENS, MOTION DETECTOR WITH PAN AND ZOOM	T-SERT-EQPM
VDMDPTZ		SECURITY ACCESS, VIDEO CAMERA WITH LENS, MOTION DETECTOR WITH PAN, TILT AND ZOOM	T-SERT-EQPM
VIDCAM		SECURITY ACCESS, VIDEO CAMERA WITH LENS	T-SERT-EQPM
VIDMTN		VIDEO MOTION DETECTOR	T-SERT-EQPM

# SAFETY & SECURITY SYMBOLS

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## M= MOUNT

C-CEILING  
D-DESK  
F-FLUSH  
H-HIDDEN  
M-MULLION  
P-PEDISTAL  
R-RACK  
S-SURFACE  
T-TURNSTILE  
W-WALL

## T= TECHNOLOGY TYPE (SPECIFIC TO DEVICE)

B-BARCODE  
B-BELL  
B-BUGLAR  
C-CHIME  
D-DATA  
D-DELAY EGRESS  
D-DOOR  
D-DUAL TECHNOLOGY  
D-DURESS  
E-ELECTRIFIED  
F-FINGER PRINT  
F-FIRE  
F-ELEVATOR FLOOR CALL  
G-GRAPHIC  
H-HAND GEOMETRY  
H-ELEVATOR HALL CALL  
H-HORN  
I-EYE RETINA  
IR-INFRARED  
K-KLAXON  
L-LISTEN-IN  
M-MAG STRIP  
M-MASTER  
M-MECHANICAL  
M-MICROPHONE  
M-MICROWAVE  
M-MULTISCREEN  
P-PANIC  
P-PERIMETER  
P-PROXIMITY  
R-DOOR RELEASE  
S-SMART CARD  
S-SOUND  
S-SPEAKER  
S-SUBSTATION  
T-TOKEN  
U-ULTRASONIC  
V-VIDEO  
V-VOICE  
W-WEIGAND  
X-HIGH SECURITY  
X-REQUEST FOR EXIT  
Z-BUZZER

## TELECOMMUNICATION SYMBOLS

<u>BLOCK</u>	<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>LAYER</u>
PAGETEL		PAGING SYSTEM PHONE	T-COMNM-APSY
PUBTEL		PUBLIC PAY PHONE	T-COMM-EQPM
RECDC		TELEPHONE, WALL MOUNTED	T-COMM-EQPM
RECDCF		ELECTRICAL, FLOOR OUTLET DATA COMMUNICATION	T-COMM-EQPM
RECTDF		ELECTRICAL, FLOOR OUTLET, COMBINATION, TELEPHONE/DATA COMMUNICATION	T-COMM-EQPM
RECTDW		OUTLET, COMBINATION TELEPHONE/DATA COMMUNICATION	T-COMM-EQPM
RECTEF		ELECTRICAL, FLOOR RECEPTACLE, TELEPHONE	T-COMM-EQPM
SPKRC		ELECTRICAL SPEAKER, CEILING MOUNTED	T-SERT-EQPM
SPKRW		ELECTRICAL SPEAKER, WALL MOUNTED	T-SERT-EQPM