



KOCHMAN CONSULTANTS, LTD.

CAD Symbols & Services for the Foodservice Industry
5545 West Lincoln Avenue
Morton Grove, Illinois 60053
Email sales@kclcad.com - Website www.kclcad.com
Phone: 847/470-1195 Fax: 847/470-1189



AUGUST, 2003 The KCL CADalog, Volume 8, Issue B Layer and Symbol Legend

1. Layers - *The KCL CADalog* uses basic layers for equipment symbols according to the FEDA recommended layering for AutoCAD™. Additional layers have been added since the standard was developed and are listed below. Please note that Color and Linetype will vary according to your drawings standards.

<u>LAYER</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>LINETYPE</u>
100 Series - Architectural/Wall Layers			
100	Wall Line	White	Continuous
200 Series - Plan View Layers			
200	Basic Plan Geometry	Yellow	Continuous
201	Under Counter Level	Yellow	Hidden
202	Above Equipment Level	Yellow	Phantom
204	Additional Detail	Red	Continuous
	<i>204-KCL-SHSIZE (KCL - Shelf Size)</i>	<i>Yellow</i>	<i>Continuous</i>
205	Center Line	Red	Center
206	Clearance Line	Red	Dashed
	<i>206-KCL-DS (KCL - Door Swing)</i>	<i>Red</i>	<i>Dashed</i>
	<i>206-KCL-DO (KCL - Door/Drawer Opening)</i>	<i>Red</i>	<i>Dashed</i>
298	<i>Manufacturer Specific</i>	<i>Varies</i>	<i>Continuous</i>
	<i>298PC-MB (Perlick - Modular Bar)</i>	<i>30</i>	<i>Continuous</i>
299	Manufacturer ID	Yellow	Continuous
230 Series - 3D View Layers			
230	Details, Vertical Plane (3-D)	Magenta	Continuous
232	Details, Vertical Plane (3-D)	Magenta	Continuous
250 Series - Elevation View Layers - Front and Side			
250	Basic Elevation Geometry	Yellow	Continuous
251	Hidden Elevation Lines	Yellow	Hidden
252	Phantom Elevation Lines	Yellow	Phantom
254	Additional Detail	Red	Continuous
255	Center Line	Red	Center
256	Clearance Line	Red	Dashed
	<i>256-KCL-DS (KCL - Door Swing)</i>	<i>Red</i>	<i>Dashed</i>
	<i>256-KCL-DO (KCL - Door/Drawer Opening)</i>	<i>Red</i>	<i>Dashed</i>

AUGUST, 2003
The KCL CADalog, Volume 8, Issue B
Layer and Symbol Legend

258	<i>Manufacturer Specific</i>	<i>Varies</i>	<i>Continuous</i>
	258PC-MB (Perlick - Modular Bar)	30	Continuous
	258PC-LEGS (Perlick)	30	Continuous
	258PC-CASTERS (Perlick)	30	Continuous
	258-SB-INSULATOR_BASE (Southbend)	1	Continuous
	258-SB-LEGS (Southbend)	1	Continuous
	258-SB-TABLE_STD (Southbend)	1	Continuous

300 Series - Electrical Layers

300	Rough-In Electrical	Green	Continuous
306	Electrical Attribute Information	Green	Continuous
350	Actual Electrical	Green	Continuous

400 Series - Plumbing Layers

400	Rough-In Plumbing	Magenta	Continuous
406	Plumbing Attribute Information	Magenta	Continuous
450	Actual Water Service	Magenta	Continuous
460	Actual Gas	Magenta	Continuous
470	Actual Drainage	Magenta	Continuous
480	Actual Steam	Magenta	Continuous
490	Actual Refrigeration	Magenta	Continuous

500 Series - Ventilation/Mechanical Layers

500	Rough-In Ventilation	Blue	Continuous
506	Ventilation Attribute Information	Blue	Continuous
550	Actual Ventilation	Blue	Continuous

700/800 Series - Equipment Notes, Balloon/Item Numbers/Attributes

700	<i>Equipment Notes</i>	<i>Yellow</i>	<i>Continuous</i>
800	<i>Equipment Balloons/Item Numbers</i>	<i>Yellow</i>	<i>Continuous</i>
801	<i>Equipment Attributes (eg Mfr/Model/Category)</i>	<i>Yellow</i>	<i>Continuous</i>
802	<i>Equipment Attributes (eg Utility Information)</i>	<i>Yellow</i>	<i>Continuous</i>

2. Filenames - The last character in the filename is used as follows:

E =	Front (E)levation view	D =	(D)etail view
S =	Right (S)ide elevation view	B =	(B)ack view
P =	(P)lan view	3 =	(3)D view







3. Insertion Points - Unless otherwise specified, KCL standards are as follow:

- A. Plan - All insertion points are located at the upper left corner of the plan drawing at a point (real or imaginary) projected onto the clearance outline.
- B. Side - All insertion points are located at the lower right corner of the elevation drawing at a point (real or imaginary) projected onto the clearance outline.
- C. Elevations - All insertion points are located at the lower left corner of the elevation

AUGUST, 2003
The KCL CADalog, Volume 8, Issue B
Layer and Symbol Legend

drawing at a point (real or imaginary) projected onto the clearance.

4 Utility Symbols used in KCL AutoCAD Foodservice Equipment Symbol Libraries.

LAYER	SYMBOL		LAYER	SYMBOL	
350		ELECTRICAL CONNECTION	470	\oplus RW	RETURN WASTE CONNECTION
350		ELECTRICAL OUTLET	470	\oplus SCD	STEAM COIL DRAIN CONNECTION
350		CORD & PLUG	470	\oplus SL	SLURRY LINE CONNECTION
450	\oplus B	BEVERAGE LINE CONNECTION	470	\oplus WLC	WATER LEVEL CONTROL CONNECTION
450	\oplus C	COLD WATER CONNECTION	480	\oplus CR	CONDENSATE RETURN CONNECTION
450	\oplus CA	COMPRESSED AIR CONNECTION	480	\oplus S	STEAM IN CONNECTION
450	\oplus CO2	CARBON DIOXIDE CONNECTION	480	\oplus SC	STEAM COIL CONNECTION
450	\oplus H	HOT WATER CONNECTION	480	\oplus ST	STEAM TAKE OFF CONNECTION
450	\oplus ICE	ICE CONNECTION	490	\oplus R	REMOTE REFRIGERATION CONNECTION
450	\oplus TDO	TANGENT DRAW OFF CONNECTION	550		EXHAUST DUCT CONNECTION
460	\oplus G	GAS CONNECTION	550		SUPPLY DUCT CONNECTION
470	\oplus D	DRAIN CONNECTION	550		AIR CURTAIN DUCT CONNECTION
470	\oplus FS	FLOOR SINK CONNECTION			

