

EXAMPLE PROJECT FILE INDEX

SITE: MILWAUKEE COUNTY COURTHOUSE COMPLEX
 BUILDING: COURTHOUSE ANNEX
 PROJECT DESCRIPTION: THIRD FLOOR RENOVATION
 MILWAUKEE CO PROJECT NO.: C711-99000

<u>Sheet Number</u>	<u>Sheet Contents</u>	<u>CADD File Number</u>
<u>Architectural</u>		
T01	TITLE SHEET	<u>Architectural</u> T01. DWG
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A03	THIRD FLOOR PLAN	A03. DWG
<u>Electrical</u>		
E01	FIRST FLOOR PLAN	<u>Electrical</u> E01. DWG
E02	SECOND FLOOR PLAN	E02. DWG
E03	THIRD FLOOR PLAN	E03. DWG

Xref name	PathXref type	
A1DETAIL	A1DETAIL.dwg	Xbind all Xrefs
A2DETAIL	A2DETAIL.dwg	" " "
A3DETAIL	A3-DETAIL.dwg	" " "
A4DETAIL	A4DETAIL.dwg	" " "
PARTSECT	PARTSECT.dwg	" " "

Layer Name	State	Color	Linetype	
0	On	7 (white)	CONTINUOUS	
A-DETAIL HIDDEN	On	4 (cyan)	A-DETAIL HIDDEN	Xdep: A-DETAIL
A-DETAIL LINE	On	7 (white)	CONTINUOUS	Xdep: A-DETAIL
A-DETAIL NOTES	On	7 (white)	CONTINUOUS	Xdep: A-DETAIL
A-DETAIL TEXT	On	3 (green)	CONTINUOUS	Xdep: A-DETAIL
A-E1FL-FLOR-PTRN	On	1 (red)	CONTINUOUS	
A-E1FL-WALL	On	3 (green)	CONTINUOUS	
A-E1FL-WIND	On	13	CONTINUOUS	
A-LOGOTEXT-BMR	On	3 (green)	CONTINUOUS	
A-LOGOTEXT-BMR-ADDR	On	6 (magenta)	CONTINUOUS	
A-N-BFLR-FILL	On	14	CONTINUOUS	
A-N-NOTE	On	7 (white)	CONTINUOUS	
A-REVS	On	14	CONTINUOUS	
A-SHBD-LINE	On	4 (cyan)	CONTINUOUS	
A-SHBD-TEXT	On	6 (magenta)	CONTINUOUS	

Defined Blocks.
 99000B1
 99000C1

DRAFTING STANDARDS - SURVEYING AND BASE MAP PREPARATION

LAYER	LINETYPE	COLOR	PLOT LINESIZE	ITEMS INCLUDED IN LAYER
C-CENTER LINE	CENTER	32	0.003	ROADWAY CENTER LINE, TRANSIT STATIONING
C-CONTOUR ORIG	DASHED	140	0.001	CONTOURS OF ORIGINAL GROUND
C-CONTOUR ORIG IDX	DASHED	141	0.005	INDEX CONTOURS OF ORIGINAL GROUND
C-CONTOUR ORIG TEXT		140	0.001	TEXT (ELEVATION) OF ORIGINAL CONTOURS
C-CURBS	CONTIN.	7	0.005	ASPHALT CURB, CONCRETE CURB, STONE CURB, CONCRETE CURB & GUTTER
C-EASEMENTS	DASHED	12	0.003	ALL EASEMENTS, DIMENSIONS AND BEARINGS
C-FENCE		9	0.005	ALL FENCES: WOOD, CHAIN LINK, BACKSTOPS, ETC.
C-FORESTRY		82	0.005	TREES, SHRUBS, PLANTER AREAS, TREE/SHRUB LINES, EDGE OF WOODS, EDGE OF BRUSH
C-LEASE LINES	CONTIN.	40	0.003	LEASE LINES
C-PARKING	CONTIN.	7	0.005	PARKING SYMBOLS
C-PAVEMENT	CONTIN.	7	0.005	EDGE OF ASPHALT, EDGE OF GRAVEL, EDGE OF CONCRETE
C-PAVEMENT JOINTS	CONTIN./DASHED	251	0.001	JOINTS IN CONCRETE PAVEMENT
C-PNT_DES		7		SURVEY POINT DESCRIPTION
C-PNT_EAST		7		EASTING OF SURVEY POINT
C-PNT_ELV		7		ELEVATION OF SURVEY POINT
C-PNT_NODE		7		POINT TICK OF SURVEY POINT
C-PNT_NORTH		7		NORTHING OF SURVEYING POINT
C-PNT_NO		7		SURVEY POINT NUMBER
C-PROPERTY LINE	PHANTOM/CONTIN.	14	0.003	LOT / PARCEL / LAND DIVISION LINES / DIMENSION / BEARINGS
C-SECTION LINE	PHANTOM	150	0.003	SECTION LINE, 1/4 SECTION LINE
C-STRUCTURE	CONTIN.	130	0.008	BUILDING / WALL / BRIDGE / SHELTER / ABUTMENTS
C-TEXT_BASE MAP		20	0.005	DESCRIPTION OF BASE MAP FEATURES: FENCES / PAVEMENT / BUILDING / ETC.
C-TEXT_ROW		2	0.005	STREET / EASEMENT / CSM / SUBDIVISION NAME / BLOCK NUMBER
C-TOPO_FEATURES	(SYMBOLS)	253	0.005	MH / FIRE HYDRANT / GV / POWER POLES / PLAY EQUIPMENT / BENCHES / ETC.
C-TOPO_LINES	CONTIN.	253	0.005	PLANTER / PLAY AREA / STOCK PILE / ETC. / TOP OF BANK / BOTTOM OF BANK
C-UTIL_BTE ES	HIDDEN (W/BTE)	30	0.001	UNDERGROUND COMMUNICATIONS / FIRE & POLICE / TRAFFIC SIGNAL / ETC.
C-UTIL_FAA	HIDDEN (W/FAA)	30	0.001	UNDERGROUND FAA
C-UTIL_CABLE TV	HIDDEN (W/TV)	30	0.001	UNDERGROUND CABLE TV LOCATION
C-UTIL_ELEC	HIDDEN (W/E)	10	0.001	UNDERGROUND AND OVERHEAD POWER LINES
C-UTIL_FUEL	CONTIN. (W/FUEL)	50	0.001	LIQUID PETROLEUM
C-UTIL_GAS	CONTIN. (W/G)	50	0.001	UNDERGROUND GAS LINE
C-UTIL_LIGHTING	HIDDEN (W/L)	10	0.001	UNDERGROUND AND OVERHEAD LIGHTING CABLE
C-UTIL_OTHER	VARIES	50	0.001	OTHER UNDERGROUND UTILITIES, I.E. STEAM, OIL, PETROLEUM
C-UTIL_SANITARY	CONTIN. (W/SAN)	92	0.001	SANITARY SEWER LOCATION / LOCAL & MMSD
C-UTIL_SECURITY	HIDDEN (W/AS)	30	0.001	AIRPORT SECURITY
C-UTIL_STORM	CONTIN. (W/SS)	92	0.001	STORM SEWER LOCATION
C-UTIL_TELE	HIDDEN (W/T)	30	0.001	UNDERGROUND AND OVERHEAD TELEPHONE LOCATION (INCLUDE FIBER OPTICS)
C-UTIL_WATER	CONTIN. (W/W)	160	0.001	WATER LOCATION
C-UTIL_UNDERDRAIN	DASHED (W/WJ)	92	0.001	UNDERDRAIN
C-WALKS	CONTIN.	8	0.005	EDGE OF ASPHALT / STONE / CONCRETE WALKS
C-WATER_FEATURES	DIVIDE	5	0.005	EDGE OF LAGOON / LAKE / RIVER / CENTER LINE DITCH / WETLAND / MARSH

DRAFTING STANDARDS - A&E DIVISION, SITE DEVELOPMENT SECTION

<u>LAYER</u>	<u>LINETYPE</u>	<u>COLOR</u>	<u>PLOT LINESIZE</u>	<u>ITEMS INCLUDED IN LAYER</u>
C-ALT1_FEATURES	(SYMBOLS)	211	0.015	PROPOSED OBJECTS (SYMBOLS): FIRE HYDRANT, LIGHT POLE, ETC.
C-ALTERNATIVE1	CONTIN.	211	0.015	PROPOSED LINES: WALKS, CURB FLANGE, PAVEMENT EDGE, MATCH LINES, ETC.
C-ALT2_FEATURES	(SYMBOLS)	3	0.015	SAME AS ABOVE FOR SECOND ALTERNATIVE
C-ALTERNATIVE2	CONTIN.	3	0.015	SAME AS ABOVE FOR SECOND ALTERNATIVE
C-CENTER_LINE_PROP	CENTER	4	0.008	ROADWAY CENTER LINE, TRANSIT LINE, STATIONING
C-CONTOUR_PROP	DASHED	211	0.015	CONTOURS OF PROPOSED GROUND
C-CONTOUR_PROP_IDX	DASHED	211	0.015	INDEX CONTOURS OF PROPOSED GROUND
C-CONTOUR_PROP_TEXT	DASHED	211	0.015	TEXT (ELEVATION) OF PROPOSED CONTOURS
C-CURBFACE_PROP	CONTIN.	6	0.025	PROPOSED CURB FACE
C-DIMENSIONS	CONTIN.	70	0.005	DIMENSION LEADER LINES, EXTENSION LINES, DIMENSIONS
C-DETAILS	VARIES	4	0.008	DRAWING DETAILS/DETAIL TEXT/DETAIL DIMENSIONS
C-EASE_PROP	DASHED	6	0.025	PROPOSED EASEMENT LINES
C-EROSION_CONT_PROP	CONTIN.	6	0.025	SILT FENCE
C-LEASE_LINES_PROP	CONTIN.	41	0.003	PROPOSED LEASE LINES
C-PARKING_PROP	CONTIN.	7	0.005	PARKING SYMBOLS
C-PROF_EXIST	CONTIN.	7	0.005	EXISTING PROFILE
C-PROF_GRID	CONTIN.	2	0.001	PROFILE GRID ON 1" HORIZONTALLY AND VERTICALLY
C-PROF_PROPOSED	CONTIN.	2	0.001	PROPOSED PROFILE
C-PROF_TEXT	CONTIN.	211	0.015	PROPOSED TEXT FOR ALTERNATIVE 1 NOTES
C-PROPERTY_LINE_PROP	CONTIN.	4	0.008	PROFILE GRADES (EXISTING AND PROPOSED) / SCALE/NOTES/ GRID ELEVATIONS
C-TEXT_ROW_PROP	CONTIN.	4	0.025	PROPOSED LOT/PARCEL/LAND DIVISION/CSM LINES
C-TEXT_TITLE	CONTIN.	6	0.025	PROPOSED EASEMENT/CSM/SUBDIVISION DIMENSIONS AND BEARINGS
C-TEXT_TITLE_BLOCK	CONTIN.	4	0.008	TITLES OF DRAWING VIEWS, DETAILS, ETC.
C-TITLE_BLOCK	CONTIN.	4	0.008	TEXT IN TITLE BLOCK
C-UTIL_BTE_ES_PROP	HIDDEN (W/BTE)	6	0.025	BORDER FOR DRAWING & TITLE BLOCK
C-UTIL_CABLE_TV_PROP	HIDDEN (W/TV)	31	0.015	UNDERGROUND COMMUNICATIONS/FIRE & POLICE/TRAFFIC SIGNAL ETC.
C-UTIL_ELEC_PROP	HIDDEN (W/E)	31	0.015	UNDERGROUND CABLE TV LOCATION
C-UTIL_FAA_PROP	HIDDEN (W/FAA)	11	0.015	UNDER GROUND AND OVER HEAD POWER LINES
C-UTIL_FUEL_PROP	HIDDEN (W/FUEL)	31	0.015	UNDERGROUND FAA COMMUNICATION LINES
C-UTIL_GAS_PROP	CONTIN. (W/G)	51	0.001	LIQUID PETROLEUM
C-UTIL_LIGHTING_PROP	CONTIN. (W/G)	51	0.015	UNDERGROUND GAS LINE
C-UTIL_OTHER_PROP	HIDDEN (W/L)	11	0.015	UNDERGROUND AND OVERHEAD LIGHTING CABLE
C-UTIL_SANITARY_PROP	VARIES	11	0.015	OTHER UNDERGROUND UTILITIES. I.E. STEAM, OIL
C-UTIL_SECURITY_PROP	CONTIN. (W/SAN)	81	0.015	SANITARY SEWER LOCATION/ LOCAL & MMSD
C-UTIL_SECURITY_PROP	HIDDEN (W/AS)	31	0.001	AIRPORT SECURITY
C-UTIL_STORM_PROP	CONTIN. (W/SS)	81	0.015	STORM SEWER LOCATION
C-UTIL_TELE_PROP	CONTIN. (W/TT)	81	0.015	UNDERGROUND AND OVERHEAD TELEPHONE LOCATION (INCLUDE FIBER OPTICS)
C-UTIL_UNDERDRAIN_PROP	HIDDEN (W/UN)	31	0.015	UNDERGROUND AND OVERHEAD TELEPHONE LOCATION (INCLUDE FIBER OPTICS)
C-UTIL_WATER_PROP	DASHED (W/W)	81	0.015	UNDERDRAIN LOCATION
	CONTIN. (W/W)	131	0.015	WATER LOCATION

SURVEY LINE DESCRIPTOR AND ASSUMPTIONS

<u>LAYER</u>	<u>SURVEY LINE DESCRIPTOR</u>	<u>SURVEYOR'S ASSUMPTIONS</u>	<u>ITEMS INCLUDED IN LAYER</u>
C-CENTER_LINE	CL1-4		ROADWAY CENTER LINE, TRANSIT LINE, STATIONING
C-CURBS	BOC1-4, FLNG1-4, GUT1-4	FACE OF CURB AT FLOWLINE, BACK OF CURB AT TOP	ASPHALT CURB, CONCRETE CURB, STONE CURB, CONCRETE CURB & GUTTER
C-EASEMENTS	BBS1-4, FN1-4, FNCL1-4, FNIR1-4		ALL EASEMENTS, DIMENSIONS AND BEARINGS
C-FENCE	FNPWK1-4, FNWD1-4, FNW1-4		ALL FENCES: WOOD, CHAIN LINK, ETC.
C-FORESTRY	WD1-4, TRL1-4, BRSH1-4		TREES, SHRUBS, PLANTER AREAS, GOLF GREENS AND TEES
C-PAVEMENT	GRE1-4, TEE1-4	EDGE OF CENTERLINE OF TREE/SHRUB LINES	TREE/SHRUB LINES
C-PAVEMENT_JOINTS	BIT1-4, CON1-4, GR1-4	EDGE OF	EDGE OF ASPHALT, EDGE OF GRAVEL, EDGE OF CONCRETE
C-PNTDES	JT1-20	EDGE OF	JOINTS IN CONCRETE PAVEMENT
C-PNTEST			SURVEY POINT DESCRIPTION
C-PNTELE			EASTING OF SURVEY POINT
C-PNTNODE			ELEVATION OF SURVEY POINT
C-PNTNRTH			POINT TICK SURVEY POINT
C-PROPERTY_LINE	PL1-4, RWY1-4		NORTHING OF SURVEY
C-SECTION_LINE	SL1-4		LOT/PARCEL/ LAND DIVISION LINES/ DIMENSION/ BEARINGS
C-STRUCTURE	ABUT/B1-4, ABUT/T1-4, BLD1-4 DCK1-4, DKB1-4, FDATION1-4 GART1-4, HSE1-4, SHD1-4 WALB1-4, WALT1-4, WWL1-4		SECTION LINE, 1/4 SECTION BUILDING/WALL/ BRIDGE/ SHELTER
C-TOPO_FEATURES	BRC1-4, BBK1-4, BLR1-4, GRL1-4	BASE OF FEATURE, CL OF INLET AT GUTTER	LIGHT POLES, UTILITY POLES, HYDRANTS, INLETS, VALVES, ETC.
C-TOPO_LINES	L1-10, PTH1-4, PLT1-4, RR1-4 RRP1-4, S/TRP1-4, TBK1-4, TNCT1-4	EDGE OF	PLANTER/ PLAY AREA/ STOCK PILE/ ETC/ TOP OF BANK/ BOTTOM OF BANK
C-UTIL_BTE_ES	BTE1-4		
C-UTIL_FAA	FAA1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND COMMUNICATIONS/ FIRE & POLICE/ TRAFFIC SIGNAL/ ETC
C-UTIL_CABLE_TV	TV1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND FAA
C-UTIL_ELEC	BSET1-4, E1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND CABLE TV LOCATION
C-UTIL_GAS	G1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND AND OVERHEAD POWER LINES
C-UTIL_LIGHTING	LT1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND GAS LINE
C-UTIL_OTHER	PPL1-4, UTIL1-4	ALONG LINE MARKED BY DIGGERS	UNDERGROUND AND OVERHEAD LIGHTING CABLE
C-UTIL_SANITARY	SAN1-4	ALONG LINE MARKED BY DIGGERS	OTHER UNDERGROUND UTILITIES, I.E. STEAM, OIL
C-UTIL_STORM	CMP1-4, PVC1-4, RCP1-4, STM1-4	ALONG LINE MARKED BY DIGGERS	SANITARY SEWER LOCATION/ LOCAL & MMSD
C-UTIL_TELE	FOC1-4, T1-4	ALONG LINE MARKED BY DIGGERS	STORM SEWER LOCATION
OPTICS)			UNDERGROUND AND OVERHEAD TELEPHONE LOCATION (INCLUDE FIBER
C-UTIL_UNDERDRAIN	UN1-4	ALONG LINE MARKED BY DIGGERS	UNDERDRAIN LOCATION
C-UTIL_WATER	WM1-4	ALONG LINE MARKED BY DIGGERS	WATER LOCATION
C-WALKS	SWA1-4, SWC1-4	EDGE OF	EDGE OF ASPHALT/ STONE/ CONCRETE WALKS
C-WATER_FEATURES	DIT1-4, LAG1-4, LAK1-4, RIV1-4 SWALE1-4, WLD1-4, WTR1-4	EDGE OF OR CENTER LINE	EDGE OF LAGOON/ LAKE/ RIVER/ CENTER LINE DITCH/ WETLAND/ MARSH

SOFTDESK AIA LAYERS (AUTO-ARCHITECT)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
Appliances	A-FLOR-APPL	9	CONTINUOUS
Case work	A-FLOR-CASE	10	CONTINUOUS
Casework tags	A-CASE-IDEN	1	CONTINUOUS
Ceiling major features	A-CLNG	5	CONTINUOUS
Ceiling objects	A-CLNG	10	CONTINUOUS
Ceiling grid	A-CLNG-GRID	5	CONTINUOUS
Columns	S-COLS	4	CONTINUOUS
Construction tags	A-CONS-IDEN	1	CONTINUOUS
Demolition tags	A-DEMO-IDEN	1	CONTINUOUS
Doors	A-DOOR	10	CONTINUOUS
3D Doors	A-DOOR-ELEV	10	CONTINUOUS
Door elevation	A-DOOR-ELEV	10	CONTINUOUS
Door elevation swing	A-DOOR-ELEV-SYMB	10	HIDDEN
Door elevation swing (3D)	A-DOOR-ELEV-SYMB	10	HIDDEN
Door swing arc plan	A-DOOR-SWG	10	HIDDEN
3D Door hardware	A-DOOR-ELEV	10	CONTINUOUS
2D Door jamb	A-WALL-JAMB	8	CONTINUOUS
3D Door jamb	A-WALL-JAMB-ELEV	8	INVISIBLE
2D Door sills	A-DOOR-SILL	9	CONTINUOUS
3D Door sills	A-DOOR-SILL-ELEV	8	CONTINUOUS
Door and window blocks	A-WALL-OPEN	7	CONTINUOUS
Door and window headers	A-WALL-HEAD	15	INVISIBLE
Door tags	A-DOOR-IDEN	1	CONTINUOUS
Disabled access guides	A-AREA-INFO	8	CONTINUOUS
Electrical light ceiling	E-LITE-CLNG	11	CONTINUOUS
Electrical light wall	E-LITE-WALL	3	CONTINUOUS
Electrical switch	E-LITE-SWCH	3	CONTINUOUS
Electrical power	E-POWR-WALL	3	CONTINUOUS
Electrical communication	E-COMM-WALL	11	CONTINUOUS
Electrical control	E-CTRL-DEVC	6	CONTINUOUS
Electrical general	E-LITE	3	CONTINUOUS
Electrical tags	E-LITE-IDEN	11	CONTINUOUS
Equipment	A-EQUI	7	CONTINUOUS
Equipment tags	A-EQUI-IDEN	1	CONTINUOUS
Finish tag: Base	A-WALL-IDEN	1	CONTINUOUS
Finish tag: Ceiling	A-CLNG-IDEN	1	CONTINUOUS
Finish tag: Floor	A-FLOR-IDEN	1	CONTINUOUS
Finish tag: Combo	A-WALL-IDEN	1	CONTINUOUS
Finish tag: Wall	A-WALL-IDEN	1	CONTINUOUS
2D Fireplace	A-FLOR-FIRE	9	CONTINUOUS
3D Fireplace	A-FLOR-FIRE-ELEV	9	CONTINUOUS
3D Fireplace hearth	A-FLOR-FIRE-ELEV	9	CONTINUOUS
3D Fireplace mantle	A-FLOR-FIRE-ELEV	9	CONTINUOUS
2D Chimney	A-ROOF-CHIM	9	CONTINUOUS
3D Chimney	A-ROOF-CHIM-ELEV	9	CONTINUOUS

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
Framing members	S-FRAM	4	CONTINUOUS
Framing extents	S-FRAM-DIMS	5	CONTINUOUS
Kitchen/bath counter	A-FLOR-WDWK	7	CONTINUOUS
3D Kitchen/bath counter	A-FLOR-WDWK-ELEV	7	CONTINUOUS
Plumbing fixtures	P-FIXT	6	CONTINUOUS
Plumbing tags	A-PLUM-IDEN	1	CONTINUOUS
Toilet stalls	A-FLOR-TPTN	14	CONTINUOUS
Toilet stall 2D doors	A-FLOR-TPTN	9	CONTINUOUS
Toilet stall 3D doors	A-FLOR-TPTN-ELEV	6	CONTINUOUS
Toilet accessories	A-FLOR-SPCL	2	CONTINUOUS
Floor	A-FLOR-OTLN	12	CONTINUOUS
Floor edge	A-FLOR-OTLN	12	CONTINUOUS
Floor grid	A-FLOR-GRID	12	CONTINUOUS
Foundation walls	S-FNDN	4	CONTINUOUS
3D Foundation walls	S-FNDN-ELEV	15	CONTINUOUS
Footing	S-FNDN-FOOT	7	CONTINUOUS
Footing 3D	S-FNDN-FOOT-ELEV	3	CONTINUOUS
Furniture	A-FURN	10	CONTINUOUS
Furniture tags	A-FURN-IDEN	1	CONTINUOUS
Seating tags	A-SEAT-IDEN	1	CONTINUOUS
3D Furniture	A-FURN-ELEV	10	CONTINUOUS
Office panels	A-FURN-PNLS	1	CONTINUOUS
Roof lines 2D	A-ROOF-OTLN	11	CONTINUOUS
Roof faces 3D	A-ROOF-ELEV	90	CONTINUOUS
Roof fascia & soffit 3D	A-ROOF-EDGE	20	CONTINUOUS
Roof slope information	A-ROOF-IDEN	1	CONTINUOUS
Roof gutters	A-ROOF-GUTR	9	CONTINUOUS
Room tags	A-AREA-IDEN	2	CONTINUOUS
Closet shelves	A-FLOR-WDWK	13	CONTINUOUS
Closet rods	A-FLOR-OVHD	6	HIDDEN
Site	C-PSIT	7	CONTINUOUS
Space planning	A-AREA	3	CONTINUOUS
Sprinklers	F-SPRN-CLHD	5	CONTINUOUS
Sprinkler tags	F-SPRN-IDEN	5	CONTINUOUS
Stairs	A-FLOR-STRS	2	CONTINUOUS
Stair handrails	A-FLOR-RAIL	3	CONTINUOUS
Stair risers	A-FLOR-RISR	1	HIDDEN 4
Stair 3D treads	A-FLOR-STRS-ELEV	10	CONTINUOUS
Stair 3D riser	A-FLOR-RISR-ELEV	8	CONTINUOUS
Stair 3D handrail	A-FLOR-RAIL-ELEV	9	CONTINUOUS
Stair 3D balusters	A-FLOR-BALS-ELEV	15	CONTINUOUS
Stair 3D stringers	A-FLOR-STNG-ELEV	8	CONTINUOUS
Elevator	A-FLOR-ELTR	2	CONTINUOUS
Walls	A-WALL	15	CONTINUOUS
Walls - air gap	A-WALL-AGAP	15	CONTINUOUS
Walls - 3D	A-WALL-ELEV	15	CONTINUOUS
Walls - low	A-WALL-PRHT	15	CONTINUOUS

SOFTDESK AIA LAYERS (CORE)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
Masonry walls	A-WALL-MASN	2	CONTINUOUS
Wall center lines	A-WALL-CENT	1	CENTER 2
Wall hatch	A-WALL-PATT	14	CONTINUOUS
Wall jamb lines (break cap)	A-WALL-JAMB	15	CONTINUOUS
Wall 3D openings (non-vertical) JAMB 3D	A-WALL-ELEV	15	CONTINUOUS
Wall tags	A-WALL-IDEN	1	CONTINUOUS
Window glazing	A-GLAZ	13	CONTINUOUS
3D Windows	A-GLAZ-ELEV	5	CONTINUOUS
Window jamb	A-WALL-JAMB	6	CONTINUOUS
Window metal frame sill	A-GLAZ-JAMB	14	CONTINUOUS
Window sills	A-GLAZ-SILL	12	CONTINUOUS
Window footers	A-WALL-PRHT	11	CONTINUOUS
Glazing: Normal (3D)	A-GLAZ-ELEV	5	CONTINUOUS
Glazing: Special (3D)	A-GLAZ-ELEV	5	CONTINUOUS
Window and door casing (3D)	A-GLAZ-CASE	10	CONTINUOUS
Window and door trim (3D)	A-GLAZ-TRIM	10	CONTINUOUS
Window elevation	A-GLAZ-ELEV	5	CONTINUOUS
Window elevation swing	A-GLAZ-ELEV-SYMB	3	HIDDEN
Window plan swing arc	A-GLAZ	13	CONTINUOUS
Window elevation swing (3D)	A-GLAZ-ELEV-SYMB	3	HIDDEN
Window tags	A-GLAZ-IDEN	1	CONTINUOUS
Parking symbols	C-PKNG	7	CONTINUOUS
Parking stalls	C-PKNG-STRP	7	CONTINUOUS
Site utilities	C-PULT	7	CONTINUOUS
Drainage symbols	C-STRM	7	CONTINUOUS
People	A-ELEV-SYMB	7	CONTINUOUS
Plants - outdoor	L-PLNT	3	CONTINUOUS
Plants - indoor	A-FURN-PLNT	3	CONTINUOUS
Vehicles	C-PKNG-CARS	6	CONTINUOUS
Structural steel	S-FRAM	7	CONTINUOUS
Elevation (misc.)	A-ELEV	10	CONTINUOUS
Elevation mark	A-DETL	1	CONTINUOUS
Elevation text	A-DETL	1	CONTINUOUS
Section (misc.)	A-SECT	2	CONTINUOUS
Shadows	C-BLDG-PATT	8	CONTINUOUS
Thin Lines	THIN	1	CONTINUOUS
X-Fine lines	XFINE	14	CONTINUOUS
Color (halftone) lines	COLOR	6	CONTINUOUS
~Tex Layerst			
X-Fine text	TEXT XF	3	CONTINUOUS
Fine text	TEXT F	1	CONTINUOUS

SOFTDESK AIA LAYERS (CORE)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
General Use			
Heavy objects	HEVY	7	CONTINUOUS
Medium objects	MEDM	3	CONTINUOUS
Lite objects	LITE	1	CONTINUOUS
Dashed objects	DASH	1	DASHED
Hidden objects	HIDD	4	HIDDEN
Phantom objects	PHNT	3	PHANTOM
Center objects	CENT	2	CENTER
Dotted objects	DOTT	1	DOT
Divided objects	DIVI	3	DIVIDE
User text (small)	TEXT-SMAL	3	CONTINUOUS
User text (medium)	TEXT-MEDM	1	CONTINUOUS
User text (large)	TEXT-LARG	6	CONTINUOUS
Object label text	TEXT	1	CONTINUOUS
Annotation			
Hatch patterns	PATT	6	CONTINUOUS
Annotation/leaders/etc.	NOTE-ANNO	4	CONTINUOUS
Annotation text	NOTE-ANNT	4	CONTINUOUS
Dimension lines	DIMS	2	CONTINUOUS
Dimension text	DIMS	1	CONTINUOUS
Plan grid lines	S-GRID	1	CONTINUOUS
Plan grid bubbles	S-GRID-IDEN	1	CONTINUOUS
Plan grid bubble text	S-GRID-IDEN	1	CONTINUOUS
Section marks	SECT-IDEN	2	CONTINUOUS
Section mark text	SECT-IDEN	2	CONTINUOUS
Detail marks	DETL-IDEN	2	CONTINUOUS
Detail mark text	DETL-IDEN	2	CONTINUOUS
Miscellaneous annotation symbol	SYMB	6	CONTINUOUS
Miscellaneous annotation text	SYMB	6	CONTINUOUS
Table annotation text	ANNTABLE	4	CONTINUOUS
Borders and Schedules			
Border line	SHBD	4	CONTINUOUS
Border text (small)	SHBD-TEXT-SMAL	3	CONTINUOUS
Border text (medium)	SHBD-TEXT-MEDM	4	CONTINUOUS
Border text (large)	SHBD-TEXT-LARG	6	CONTINUOUS
Title block text (small)	SHBD-TTLB-SMAL	4	CONTINUOUS
Title block text (medium)	SHBD-TTLB-MEDM	3	CONTINUOUS
Title block text (large)	SHBD-TTLB-LARG	6	CONTINUOUS
Title text	SHBD-TTLB	1	CONTINUOUS
Title lines	SHBD-LINE	6	CONTINUOUS
Heavy schedule lines	SCHD-LINE-HEVY	6	CONTINUOUS
Schedule lines	SCHD-LINE	4	CONTINUOUS
Schedule rule lines	SCHD-LINE-RULE	5	CONTINUOUS

SOFTDESK AIA LAYERS (CORE)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
Schedule text (titles)	SCHD-TEXT-TITL	6	CONTINUOUS
Schedule text (entries)	SCHD-TEXT-ENTS	1	CONTINUOUS
Schedule text (notes)	SCHD-TEXT-NOTE	3	CONTINUOUS
Legend lines	SCHD-LINE-LGND	1	CONTINUOUS
Legend text (small)	SCHD-TEXT-SMAL	4	CONTINUOUS
Legend text (medium)	SCHD-TEXTMEDM	2	CONTINUOUS
Legend text (large)	SCHD-TEXT-LARG	6	CONTINUOUS
Miscellaneous			
Reference objects	NPLT	8	CONTINUOUS
Noplot layer	NPLT	8	CONTINUOUS
Boundary lines	PLOT	6	CONTINUOUS
Zone boundaries	ZONE	6	CONTINUOUS
Match lines	PLOT	8	CONTINUOUS
Match line text	MATCHTEXT	8	CONTINUOUS
Productivity Tools Layers			
Day stamp layer	DAYSTAMP	8	CONTINUOUS
Detail layer	DETL	7	CONTINUOUS
Data Link (ASG alias numbers shown in parentheses)			
Hidden reference blocks (2050)	DLBASE	4	CONTINUOUS
Measured entities (2051)	DLENGTH	1	CONTINUOUS
Measured entities (2052)	DLAREA	2	CONTINUOUS
Tick marks (2053)	DLTICKS	1	CONTINUOUS
Text (2054)	DLTEXT	4	CONTINUOUS
Leaders (2055)	DLLDR	2	CONTINUOUS
Schedules (2056)	DLSCH	4	CONTINUOUS
Manual digitize (2057)	DLMD	2	CONTINUOUS

SOFTDESK AIA LAYERS (ELECTRIC)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
Lighting Fixtures	E-LITE	3	CONTINUOUS
Lighting Fixture Nodes	E-LITE-NPLT	3	CONTINUOUS
Existing Layout/System	E-LITE-EXST	7	HIDDEN
Emergency Lights	E-LITE-EMER	3	CONTINUOUS
Emergency Misc. Devices	E-EMER-DEVC	3	CONTINUOUS
Emergency Exit Signs	E-EMER-SIGN	4	CONTINUOUS
Switches/Devices	E-LITE-SWCH	6	CONTINUOUS
Light Circuits/General	E-LITE-CIRC	2	CONTINUOUS
Light Circuits/Under Floor	E-LITE-CIRC-UFLR	2	HIDDEN
Light Circuits/Wall	E-LITE-CIRC-WALL	2	DASHED
Light Circuits/Cellular	E-LITE-CIRC-CELL	2	EWCELL
Light Circuits/Above Ceiling	E-LITE-CEIL	2	EWIREUP
Power Receptacles	E-POWR	5	CONTINUOUS
Power Circuits/General	E-POWR-CIRC	7	CONTINUOUS
Power Circuits/Under Floor	E-POWR-CIRC-URAC	7	HIDDEN
Power Circuits/Wall	E-POWR-CIRC-WALL	7	DASHED
Power Circuits/Cellular	E-POWR-CIRC-CELL	7	EWCELL
Power Circuits/Above Ceiling	E-POWR-CIRC-CEIL	7	EWIREUP
Tags	E-SYMB	7	CONTINUOUS
Fire Equipment	E-FIRE	1	CONTINUOUS
Control Devices	E-CRTL-DEVC	8	CONTINUOUS
Schematic Diagrams	E-1LIN	5	CONTINUOUS
Primary Equipment	E-1LIN-EQP1	7	CONTINUOUS
Secondary Equipment	E-1LIN-EQP2	2	CONTINUOUS
Primary Bus	E-1LIN-BUS1	4	CONTINUOUS
Secondary Bus	E-1LIN-BUS2	1	CONTINUOUS
Primary Feeders/General	E-1LIN-CON1	5	CONTINUOUS
Secondary Feeders/General	E-1LIN-CON2	6	CONTINUOUS
Primary Feeders/Overhead	E-1LIN-OVH1	7	DASHED
Secondary Feeders/Overhead	E-1LIN-OVH2	2	DASHED
Switchgear Box	E-1LIN-BOX	4	DASHED
Riser/Ladder Diagrams	E-1LIN-RISR	2	PHANTOM
Miscellaneous Devices	E-AUXL	7	CONTINUOUS
3D Conduit	E-POWR-CIRC-ELEV	8	CONTINUOUS
One-line Conduits & Fittings	E-POWR-COND	2	CONTINUOUS
Dimensioning	DIMS	7	CONTINUOUS
Symbols	SYMB	7	CONTINUOUS
Text	E-TEXT	7	CONTINUOUS

SOFTDESK AIA LAYERS (HVAC)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
HVAC (common layers)			
Details			
2D Air Equipment	M-DETL	7	CONTINUOUS
3D Air Equipment	M-DUCT-SUPP	3	CONTINUOUS
Water Equipment	M-HAVC-EQPM-ELEV	2	CONTINUOUS
Misc. Equipment	M-EQMP	6	CONTINUOUS
Hot Water Supply	M-EQMP	6	CONTINUOUS
Hot Water Return	M-HOTW-SUPP	1	HOTWR
Cold Water Supply	M-HOTW-RETN	2	CONTINUOUS
Cold Water Return	M-CWTR-SUPP	5	COLDWR
Gas Piping	M-CWTR-RETN	6	COLDWR
Dots	M-FUEL-GGEP	2	CONTINUOUS
Fuel Oil Supply	P-NPLT	1	DOT
Fuel Oil Return	M-FUEL-OGEP	2	CONTINUOUS
Fuel Oil Vent	M-FUEL-OGEP-RETN	1	CONTINUOUS
Pipe Fittings	M-FUEL-OGEP-VENT	2	DASHDX2
Pipe Valves	M-PIPE	6	CONTINUOUS
Piping Text	M-PIPE-VALV	6	CONTINUOUS
Controls	M-PIPE-TEXT	7	CONTINUOUS
Miscellaneous	M-CONT	6	CONTINUOUS
Misc Text	M-EQMP	6	CONTINUOUS
Existing Layout	TEXT	7	CONTINUOUS
Pneumatic Control lines	M-EXST	7	CONTINUOUS
Electrical Control lines	M-CONT-PNEU	7	PNEUM
	M-CONT-WIRE	7	CONTINUOUS
~Supply			
2D Terminals	M-HVAC-CDFF-SUPP	3	CONTINUOUS
3D Terminals	M-HVAC-CDFF-SUPP-ELEV	2	CONTINUOUS
Terminal Blow-out Arrows	M-PHVA-SYMB-SUPP	7	CONTINUOUS
Terminal Tags	M-PHVA-NOTE-SUPP	7	CONTINUOUS
Single-line duct labels	M-DUCT-NOTE-SUPP	7	CONTINUOUS
Duct Single Line	M-DUCT-1LIN-SUPP	3	CONTINUOUS
2D Duct Lining	M-DUCT-INSL-SUPP	3	DASHED
2D Duct	M-DUCT-SUPP	6	CONTINUOUS
3D Duct	M-DUCT-ELEV-SUPP	5	CONTINUOUS
2D Flexible Duct	M-DUCT-SUPP	6	CONTINUOUS
3D Flexible Duct	M-DUCT-FLEX-ELEV-SUPP	5	CONTINUOUS
Duct Labels	M-PDUC-TEXT-SUPP	7	CONTINUOUS
Duct Tags	M-PDUC-NOTE-SUPP	7	CONTINUOUS
Duct Dimemsions	M-PDUC-DIMS-SUPP	7	CONTINUOUS
Duct Accessories	M-DUCT-ACCS-SUPP	11	CONTINUOUS
Fitting Single Line	M-FITT-1LIN-SUPP	4	CONTINUOUS
2D Fittings	M-DUCT-SUPP	6	CONTINUOUS
3D Fittings	M-FITT-ELEV-SUPP	1	CONTINUOUS
Flange in Fittings	M-FITT-FLNG-SUPP	7	CONTINUOUS
Fitting Tags	M-FITT-NOTE-SUPP	7	CONTINUOUS
Center Lines	M-DUCT-CTRL-SUPP	7	CONTINUOUS
Elite/ Trane Nodes	M-DUCT-NPLT-SUPP	5	CONTINUOUS
~Return			
2D Terminals	M-HVAC-CDFF-RTRN	3	CONTINUOUS
3D Terminals	M-HVAC-CDFF-RTRN-ELEV	2	CONTINUOUS
Terminal Blow-out Arrows	M-PHVA-SYMB-RTRN	7	CONTINUOUS

Terminal Tags	M-PHVA-NOTE-RTRN	7	CONTINUOUS
Single-line duct labels	M-DUCT-NOTE-RTRN	7	CONTINUOUS
Duct Single Line	M-DUCT-1LIN-RTRN	3	CONTINUOUS
2D Duct Lining	M-DUCT-INSL-RTRN	3	DASHED
2D Duct	M-DUCT-RTRN	5	CONTINUOUS
3D Duct	M-DUCT-ELEV-RTRN	5	CONTINUOUS
2D Flexible Duct	M-DUCT-FLEX-RTRN	13	CONTINUOUS
3D Flexible Duct	M-DUCT-FLEX-ELEV-RTRN	5	CONTINUOUS
Duct Labels	M-PDUC-TEXT-RTRN	7	CONTINUOUS
Duct Tags	M-PDUC-NOTE-RTRN	7	CONTINUOUS
Duct Dimensions	M-PDUC-DIMS-RTRN	7	CONTINUOUS
Duct Accessories	M-DUCT-ACCS-RTRN	11	CONTINUOUS
Fitting Single Line	M-FITT-1LIN-RTRN	4	CONTINUOUS
2D Fittings	M-DUCT-RTRN	5	CONTINUOUS
3D Fittings	M-FITT-ELEV-RTRN	1	CONTINUOUS
Flange in Fittings	M-FITT-FLNG-RTRN	7	CONTINUOUS
Fitting Tags	M-FITT-NOTE-RTRN	7	CONTINUOUS
Center Lines	M-DUCT-CTRL-RTRN	7	CONTINUOUS
Elite/Trane Nodes	M-DUCT-NPLT-RTRN	5	CONTINUOUS
Exhaust			
2D Terminals	M-HVAC-CDFF-EXHS	3	CONTINUOUS
3D Terminals	M-HVAC-CDFF-EXHS-ELEV	2	CONTINUOUS
Terminal Blow-out Arrows	M-PHVA-SYMB-EXHS	7	CONTINUOUS
Terminal Tags	M-PHVA-NOTE-EXHS	7	CONTINUOUS
Single-line duct labels	M-DUCT-NOTE-EXHS	7	CONTINUOUS
Duct Single Line	M-DUCT-1LIN-EXHS	3	CONTINUOUS
2D Duct Lining	M-DUCT-INSL-EXHS	3	DASHED
2D Duct	M-DUCT-EXHS	4	CONTINUOUS
3D Duct	M-DUCT-ELEV-EXHS	5	CONTINUOUS
2D Flexible Duct	M-DUCT-FLEX-EXHS	13	CONTINUOUS
3D Flexible Duct	M-DUCT-FLEX-ELEV-EXHS	5	CONTINUOUS
Duct Labels	M-PDUC-TEXT-EXHS	7	CONTINUOUS
Duct Tags	M-PDUC-NOTE-EXHS	7	CONTINUOUS
Duct Dimensions	M-PDUC-DIMS-EXHS	7	CONTINUOUS
Duct Accessories	M-DUCT-ACCS-EXHS	11	CONTINUOUS
Fitting Single Line	M-FITT-1LIN-EXHS	4	CONTINUOUS
2D Fittings	M-DUCT-EXHS	4	CONTINUOUS
3D Fittings	M-FITT-ELEV-EXHS	1	CONTINUOUS
Flange in Fittings	M-FITT-FLNG-EXHS	7	CONTINUOUS
Fitting Tags	M-FITT-NOTE-EXHS	7	CONTINUOUS
Center Lines	M-DUCT-CTRL-EXHS	7	CONTINUOUS
Elite/Trane Nodes	M-DUCT-NPLT-EXHS	5	CONTINUOUS
~Other			
2D Terminals	M-HVAC-CDFF-OTHR	3	CONTINUOUS
3D Terminals	M-HVAC-CDFF-OTHR-ELEV	2	CONTINUOUS
Terminal Blow-out Arrows	M-PHVA-SYMB-OTHR	7	CONTINUOUS
Terminal Tags	M-PHVA-NOTE-OTHR	7	CONTINUOUS
Single-line duct labels	M-DUCT-NOTE-OTHR	7	CONTINUOUS
Duct Single Line	M-DUCT-1LIN-OTHR	3	CONTINUOUS
2D Duct Lining	M-DUCT-INSL-OTHR	3	DASHED
2D Duct	M-DUCT-OTHR	3	CONTINUOUS
3D Duct	M-DUCT-ELEV-OTHR	5	CONTINUOUS
2D Flexible Duct	M-DUCT-FLEX-OTHR	13	CONTINUOUS
3D Flexible Duct	M-DUCT-FLEX-ELEV-OTHR	5	CONTINUOUS
Duct Labels	M-PDUC-TEXT-OTHR	7	CONTINUOUS
Duct Tags	M-PDUC-NOTE-OTHR	7	CONTINUOUS
Duct Dimensions	M-PDUC-DIMS-OTHR	7	CONTINUOUS
Duct Accessories	M-DUCT-ACCS-OTHR	11	CONTINUOUS

Fitting Single Line	M-FITT-1LIN-OTHR	4	CONTINUOUS
2D Fittings	M-DUCT-OTHR	3	CONTINUOUS
3D Fittings	M-FITT-ELEV-OTHR	1	CONTINUOUS
Flange in Fittings	M-FITT-FLNG-OTHR	7	CONTINUOUS
Fitting Tags	M-FITT-NOTE-OTHR	7	CONTINUOUS
Center Lines	M-DUCT-CRTL-OTHR	7	CONTINUOUS
Elite/Trane Nodes	M-DUCT-NPLT-OTHR	5	CONTINUOUS

SOFTDESK AIA LAYERS (PLUMBING)

<u>DESCRIPTION</u>	<u>LAYER CORE</u>	<u>COLOR</u>	<u>LINETYPE</u>
~PLUMBING FIXTURES			
Fixtures	P-SANR-FIXT	7	CONTINUOUS
Fixture Connection DCW	P-SANR-FIXT-DCW	4	CONTINUOUS
Fixture Connection DHW	P-SANR-FIXT-DHW	1	CONTINUOUS
Fixture Connection Waste	P-SANR-FIXT-DWV	3	CONTINUOUS
Roof Drains	P-STRM-RFDR	6	CONTINUOUS
Toilet stalls	A-FLOR-TPTN	14	CONTINUOUS
Toilet stall 2D doors	A-FLOR-TPTN	9	CONTINUOUS
Toilet stall 3D doors	A-FLOR-TPTN-ELEV	6	CONTINUOUS
Toilet accessories	S-FLOR-SPCL	2	CONTINUOUS
Slope Lines	A-ROOF-SLOP	4	DASHED
Kitchen/bath counter	A-FLOR-WDWK	7	CONTINUOUS
3D Kitchen/bath counter	A-FLOR-WDWK-ELEV	7	CONTINUOUS
~PIPING MISCELLANEOUS+FITTING & APPURTENANCES			
Piping Miscellaneous	P-MISC	2	CONTINUOUS
Symbols & Appurtenances	P-PIPE-MISC	2	CONTINUOUS
Fitting Ticks	P-PIPE-MISC	2	CONTINUOUS
Double Line Piping	P-PIPE-SECT	1	CONTINUOUS
Sprinkler Label Text	F-SPRN-TEXT	5	CONTINUOUS
Pipe Label Text	P-PIPE-TEXT	7	CONTINUOUS
Plumbing Notes Text	P-MISC-NOTE	7	CONTINUOUS
Dots	P-MISC-DOT	1	DOT
Valves	P-PIPE-VALV	6	CONTINUOUS
Fire Prot. Symbols & Appurtenances	F-SPRN-SMBL	3	CONTINUOUS
Fire Prot. Fitting Ticks	F-SPRN-MISC	1	CONTINUOUS
Fire Prot. Valves	F-SPRN-VALV	1	CONTINUOUS
~PIPE LINES			
Domestic Cold Water	P-DOMW-PIPE-COLD	4	DCW
Chilled Water Supply	P-DOMW-PIPE-CHLS	4	CONTINUOUS
Chilled Water Return	P-DOMW-PIPE-CHLR	4	CONTINUOUS
Domestic Hot Water	P-DOMW-PIPE-HOTW	1	DHW
Domestic Hot Water Recirc	P-DOMW-PIPE-HOTC	2	DHWR
Heating Water Supply	P-DOMW-PIPE-HOTS	7	CONTINUOUS
Heating Water Return	P-DOMW-PIPE-HOTR	7	CONTINUOUS
Steam Supply	P-STEM-PIPE-SUPP	6	CONTINUOUS
Steam Return	P-STEM-PIPE-RETN	6	DASHED
Condensate Return	P-COND-PIPE	6	DASHED
Sanitary Waste	P-SANR-PIPE	3	CONTINUOUS
Sanitary Vent	P-SANR-PIPE-VENT	3	VENT
Acid Waste	P-ACID-PIPE	6	CONTINUOUS
Acid Vent	P-ACID-PIPE-VENT	6	VENT
Roof Water	P-STRM-PIPE	3	CONTINUOUS
Gas	P-GASX-PIPE	2	CONTINUOUS
Liquified Petroleum Gas	P-LPGS-PIPE	2	CONTINUOUS
Compressed Air Piping	P-CAIR-PIPE	3	CONTINUOUS
Vacuum	P-VACM-PIPE	2	CONTINUOUS
Oxygen	P-OXYG-PIPE	3	CONTINUOUS
Nitrous Oxide	P-NITR-PIPE	4	CONTINUOUS
Gasoline	P-PETR-PIPE	6	CONTINUOUS
Fuel Oil Supply	P-FUEL-PIPE-SUPP	2	CONTINUOUS
Fuel Oil Return	P-FUEL-PIPE-RETN	2	CONTINUOUS
Fuel Oil Vent	P-FUEL-PIPE-VENT	2	DASHEDX2

Site Piping	P-SITE-PIPE	4	CONTINUOUS
Fire Prot. General	F-STAN	3	CONTINUOUS
Fire Prot. Sprinkler	F-SPRN-PIPE	3	CONTINUOUS
Unspecified Pipe with Text	P-PIPE-TEXT	7	CONTINUOUS
~ISOMETRIC RISER PIPING + FITTINGS + APPERTENANCES			
Iso-Riser Waste Pipe	P-ISAN-PIPE	7	CONTINUOUS
Iso-Riser Vent Pipe	P-ISAN-PIPE-VENT	7	VENT
Iso-Riser Storm Pipe	P-ISTM-PIPE	7	CONTINUOUS
Iso-Riser Domestic Cold Wtr	P-IDOM-PIPE-COLD	7	DCW
Iso-Riser Domestic Hot Wtr	P-IDOM-PIPE-HOTW	7	DHW
Iso-Riser Domestic Hot Recirc	P-IDOM-PIPE-HOTC	7	DHWR
Iso-Riser Valve	P-IPIP-VALV	7	CONTINUOUS
Iso-Riser Fitting	P-IPIP-MISC	7	CONTINUOUS
Iso-Equipment	P-IEQP	7	CONTINUOUS
Iso-Equipment Hidden	P-IEQP-HIDD	7	HIDDEN
~EQUIPMENT			
Pump	P-EQPM	7	CONTINUOUS
Aboveground Storage Tank	P-EQPM-SITE	7	CONTINUOUS
Underground Storage Tank	P-EQPM-SITE-HIDD	7	HIDDEN
Water Heater	P-EQPM	7	CONTINUOUS
Controls Symbols	P-MISC		

AutoCAD standard text set-up as follows:

Style name:	STANDARD
Font name:	ROMANS
Height:	3/32" (scale relative to drawing scale) EXAMPLE: at 1/8"=1'-0", the text size would be 9"
Width factor:	0.75
Obliquing angle:	0.00
Backwards:	NO
Upside-down:	NO
Orientation	HORIZONTAL

AutoCAD dimensioning set-up as follows:

DIMASZ	=	1/8" (arrow size)
DIMCLRT	=	(2) Yellow (dimension text color)
DIMEXO	=	1/16" (extension line origin offset)
DIMEXE	=	1/16" (amount extension line extends beyond dimension line)
DIMTAD	=	ON (places text above dimension line)
DIMTIH	=	OFF (align text with dimension line)
DIMTOH	=	OFF (aligns text with dimension line)
DIMTS	=	1/32" (tick size - only if using ticks)
DIMTVP	=	90 (controls text position based on numeric value)
DIMSCALE	=	(relative to drawing scale)
DIMENSION LINE COLOR	=	BYLAYER
EXTENSION LINE COLOR	=	BYLAYER
DIMENSION TEXT COLOR	=	2 (Yellow)
TOLERANCE HEIGHT	=	3/32"

- Name the dimension style "STANDARD" when the settings have been completed.
- PLEASE DO NOT EXPLODE DIMENSIONS

EXAMPLES:



AutoCAD standard variable settings are as follows:

Full 1"=1"	1=1	0.25	3/32"
3" = 1'	1=4	1	3/8"
1-1/2" = 1'	1=8	2	3/4"
1" = 1'	1=12	3	1-1/8"
3/4" = 1'	1=16	4	1-1/2"
1/2" = 1'	1=24	6	2-1/4"
3/8" = 1'	1=32	8	3"
1/4" = 1'	1=48	12	4-1/2"
3/16" = 1'	1=64	16	6"
1/8" = 1'	1=96	24	9"
1/16" = 1'	1=192	48	18"
1/32" = 1'	1=384	96	36"
1" = 10'	1=120	30	11.25"
1" = 20'	1=240	60	22.5"
1" = 30'	1=360	90	33.75"
1" = 40'	1=480	120	45"
1" = 50'	1=600	150	56.25"
1" = 60'	1=720	180	67.50"
1" = 100'	1=1200	300	112.5"
1" = 200'	1=2400	600	225"
1" = 300'	1=3600	900	337.5"
1" = 400'	1=4800	1200	450"
1" = 500'	1=6000	1500	562.5"