10. Construction Completion Deliverable Standards and Requirements

Upon completion of construction project, hardcopy and electronic sets of the "as-built" construction plans are to be submitted to the Bureau of Portfolio Management for their records.

10.1 As-Built Drawing/Specification Submissions

- **Electronic** – All drawings must be sent in an AutoCAD 2010 file and meet the DSF CAD Standards and the DSF Interiors Layer Guidelines shown below

- **Hard Copy** - Please send two drawing sets with a title block. Drawings must be readable and to scale. Preferably 1/8"=1'- 0" in scale.

10.2 DSF CAD Standards including DSF Interior Layer Guidelines

The DSF CAD Standards can be found on the DSF Website at:

http://www.doa.state.wi.us/dsf/masterspec_view_new.asp?catid=54&locid=4

DSF Interior Layer Guidelines:

LAYER NAME	PEN #	LINEWEIGHT (mm)	DESCRIPTION	NOTES
A-ANNO-DIMS	6	0.18	dimensions	text is color 7, line weight .25
A-ANNO-KEYN	7	0.25	keyed notes	
A-ANNO-LEGN	7	0.25	legend text/notes	
A-ANNO-NOTE	7	0.25	general/job notes	
A-ANNO-NPLT	9	0.25	non plotting information	non plotting
A-ANNO-REDL	1	0.35	redlines	
A-ANNO-REVS	3	0.25	revision notes	
A-ANNO-SYMB	7	0.25	symbols	
A-ANNO-TEXT	7	0.25	general text	
A-ANNO-TTLB	7	0.25	title block information	
A-AREA	1	0.35	area calculation boundaries	
A-AREA-IDEN	7	0.25	area room numbers, calculations	
A-AREA-OCCP	7	0.25	occupant or employee names	
A-AREA-PATT	9	0.25	area patterns, solid fill and hatches	
A-CLNG	1	0.35	ceiling boundaries	
A-CLNG-GRID	6	0.18	ceiling grids	
A-CLNG-PATT	9	0.25	ceiling patterns	
A-CLNG-SUSP	1	0.35	suspended elements (not equipment)	
A-DOOR	2	0.13	doors- plan drawings	
A-DOOR-IDEN	7	0.25	door tags and numbers	
A-EQPM	3	0.25	equipment	
A-EQPM-CLNG	3	0.25	ceiling mounted equipment	
A-EQPM-FIXD	3	0.25	fixed equipment	
A-EQPM-IDEN	7	0.25	equipment identification and numbers	
A-EQPM-MOVE	3	0.25	moveable equipment	
A-FLOR	2	0.13	floor boundaries	
A-FLOR-CASE	3	0.25	casework	

A-FLOR-EVTR	2	0.13	elevator cars and equipment	
A-FLOR-HRAL	1	0.35	handrails, guardrails, grab bars	
A-FLOR-IDEN	7	0.25	floor identification, numbers and finish	
A-FLOR-LEVL	2	0.13	floor level changes, slopes and ramps	
A-FLOR-PATT	9	0.25	floor material patterns and hatches	
A-FLO-PFIX	3	0.25	plumbing fixtures	
A-FLOR-SIGN	3	0.25	signage	
A-FLOR-SPCL	3	0.25	architectural specialties	
A-FLOR-STRS	2	0.13	stairs, steps, risers	
A-FLOR-TPTN	1	0.35	toilet partitions	
A-GLAZ	5	0.70	glazing and mullions	
A-GLAZ-FULL	5	0.70	full height glazing and mullions	
A-GLAZ-IDEN	7	0.25	window identification and numbers	
A-GLAZ-PHRT	5	0.70	partial height glazing and mullions	
A-GLAZ-SILL	2	0.13	sills	
A-ROOF	5	0.70	roof boundaries	
A-ROOF-LEVL	2	0.13	floor level changes and slopes	
A-ROOF-OTLN	1	0.35	outline edge	

LAYER NAME	PEN #	LINEWEIGHT (mm)	DESCRIPTION	NOTES
A-ROOF-PATT	9	0.25	roof material patterns and hatches	
A-WALL	5	0.70	walls	
A-WALL-EXTR	5	0.70	exterior walls	
A-WALL-FIRE	6	0.18	fire rated walls	line type: center
A-WALL-SHFT	5	0.70	shaft walls	
A-WALL-HEAD	6	0.18	door and window headers	visible only on ceiling plans
A-WALL-INT	5	0.70	interior walls	
A-WALL-MOVE	1	0.35	moveable partitions and walls	
A-WALL-PATT	9	0.25	wall material patterns and hatches	
A-WALL-PRHT	1	0.35	partial height walls	
Defpoints	7	0.25	defpoints	
I-EQPM	3	0.25	interior equipment and appliances	
I-FURN	3	0.25	interior furnishings	
I-FURN-CHAIR	3	0.25	chairs and seating furniture	
I-FURN-FILE	3	0.25	file cabinets	
I-FURN-IDEN	7	0.25	furniture identification and numbers	
I-FURN-PNLS	1	0.35	systems panels	
I-FURN-POWR	3	0.25	power designation	
I-FURN-WKSF	3	0.25	work surface components	
S-COLS	5	0.70	structural columns	
S-GRID	6	0.18	structural column grids	line type: center
S-GRID-IDEN	7	0.25	structural column grid identification	
_-____-D	1	0.35	demolition work	line type: hidden
_-____-E	2	0.13	existing work to remain	* based on layer
_-____-F	2	0.13	future work	example: A-WALL-F
_-____-N	5	0.70	new work	A-WALL-INT-N
_-____-NIC	1	0.35	not in contract	
_-____-OVHD	9	0.25	overhead	line type: hidden
_-____-R	1	0.35	to be relocated	
_-____-T	1	0.35	temporary work	

END OF SECTION