

**SYMBOLGY REQUIREMENTS
CFLHD V8-X30 SYMBOL & CELL INFORMATION TABLE**

LEVEL NAME	COLOR	WEIGHT	LINE CODE/ LINE STYLE	CELL NAME	NOTES*
E_ENV_Archeological_Site	5	3	7		
E_ENV_Grave_Site	5	0	0		
E_ENV_Lowland	0	0	0		
E_ENV_Rare_Plants	0	0	0		
E_ENV_Thermal_Features	0	0	0		
E_ENV_Thermal_Wetland_Boundary	120	0	7		
E_ENV_Upland	0	0	0		
E_ENV_Wetland_Boundary	1	1	4		official
E_GEO_Berm	6	1	berm		
E_GEO_Bore_Hole	0	1	0	bore	
E_GEO_Boulder	3	1	0	boulder	
E_GEO_Break_Line	0	1	0		
E_GEO_Dike	0	1	dike		
E_GEO_DTM_Triangles	40	0	0		
E_GEO_Existing_Pavement1_Thickness_Override	216	1	0		
E_GEO_Existing_Pavement2_Thickness_Override	247	1	0		
E_GEO_Ground_Profile	0	2	0		
E_GEO_Index_Contours	77	2	0		
E_GEO_Index_Depression	77	2	depression		>
E_GEO_Intermediate_Contours	6	0	0		
E_GEO_Intermediate_Depression	6	0	depression		>
E_GEO_Overhang	3	1	7		
E_GEO_Ridge_Line	27	1	0		
E_GEO_Rip_Rap	0	0	0		
E_GEO_Rock_Outcrop	234	4	1		
E_GEO_Scarp	113	1	6		
E_GEO_Spot_Elevation	0	0	0	spotx	
E_GEO_Text	0	1	0		
E_GEO_Toe_of_Slope	2	1	3		
E_GEO_Top_of_Bank	8	1	1		
E_GEO_Topsoil_Thickness_Override	248	1	0		
E_HYD_Catch_Basin	0	0	3		
E_HYD_Culvert	1	1	E_Culvert		%

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E_HYD_Ditch	1	1	6		
E_HYD_Drop_Inlet	1	0	0	dropinlet	
E_HYD_Edge_of_Water	1	1	Edge_of_Water		
E_HYD_Feature_Labels	7	1	0		
E_HYD_Intermittent_Drainage	7	1	E_Intermittent_Drainage		
E_HYD_Misc_Drainage_Features	7	0	0		
E_HYD_Q2	0	0	0		
E_HYD_Q10	0	0	0		
E_HYD_Q20	0	0	0		
E_HYD_Q50	0	0	0		
E_HYD_Stream_Profile	1	0	7		
E_HYD_Stream_X-Section	8	0	0		
E_HYD_Swamp	2	0	0		
E_HYD_Text	0	0	0		
E_HYD_Underdrains	0	0	E_Underdrain		
E_HYD_Waterfalls_Rapids_etc	7	0	0		
E_HYD_Wet_Area	1	1	4		
E_MAP_Grid_Ticks	0	0	0	grid tick	!
E_MAP_Grid_Values	0	0	0		
E_MAP_Ground_Shot	3	0	0	ground shot	
E_MAP_Logo	0	0	0		
E_MAP_Mapping_Flight_Line	132	0	0		
E_MAP_Mapping_Legend	0	0	0		
E_MAP_Mapping_Title_Block	0	0	0	titleM	
E_MAP_Misc_Described_Line	0	0	0		
E_MAP_Misc_Described_Points	0	0	0		
E_MAP_Misc_Mapping_Features	0	0	0		
E_MAP_North_Arrow	0	1	0	north	
E_MAP_Obscured_Area	3	0	4		
E_MAP_P_Code_Description	0	0	0		
E_MAP_P_Code_Elevation	0	0	0		
E_MAP_P_Code_Numbers	0	0	0		
E_MAP_Photo_Center	3	0	0	photo	
E_MAP_Tin	70	0	0		
E_MAP_Tin_Hull	8	0	0		

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E_MAP_Void_Area	3	1	0		
E_PLM_Barrier	0	1	E_Concrete_Barrier		
E_PLM_Bollard	3	0	3	bollard	
E_PLM_Borrow_Pit	3	1	3		
E_PLM_Bridge_Abutment	8	2	1		
E_PLM_Bridge_Deck	233	2	1		
E_PLM_Bridge_Pier	0	0	6		
E_PLM_Building	0	0	3		
E_PLM_Cattle_Guard	0	0	0	cguard/cguardW	
E_PLM_Dam	3	1	E_Dam		
E_PLM_Edge_of_Concrete	0	0	3		
E_PLM_Fence	0	1	E_Fence		
E_PLM_Fire_Hydrant	7	0	3	fire hydrant	
E_PLM_Flag_Pole	0	0	3	flag	
E_PLM_Gate	0	1	0	gate	
E_PLM_Guardrail	0	1	E_Guardrail		
E_PLM_Head_Wall	3	1	E_Wall		
E_PLM_Mail_Box	0	1	Mailboxes	mail box (single)	
E_PLM_Mile_Post	0	0	0	post	
E_PLM_Misc_Features	5	0	3		
E_PLM_Pipe_Line	0	0	0		
E_PLM_Railroad_Tracks	0	1	Railroad_Tracks		
E_PLM_Sidewalk	3	1	7		
E_PLM_Sign_Message	0	0	0		
E_PLM_Signs	0	1	0	sign/sign2	
E_PLM_Stairs	0	1	0		
E_PLM_Structure	0	1	3		
E_PLM_Tank	0	1	3	tank	
E_PLM_Text_Level	0	1	0		
E_PLM_Trail	248	1	3		
E_PLM_Vent	0	0	3	vent	
E_PLM_Walls	236	2	E_Wall		
E_PLM_Wheelstops	0	1	0	block	
E_RDW_Apparent_Centerline	0	0	5		
E_RDW_Curb	15	0	2		

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E_RDW_Edge_of_Gravel	236	1	1		\$
E_RDW_Edge_of_Pavement	236	1	3		\$
E_RDW_Edge_of_Road	236	1	2		
E_RDW_Pavement_Striping	11	0	3		
E_RDW_Shoulder	0	1	3		
E_RW_Boundary_BIA	3	0	Boundary_BIA		
E_RW_Boundary_BLM	3	0	Boundary_BLM		
E_RW_Boundary_City	3	1	3		
E_RW_Boundary_Control	5	1	0		
E_RW_Boundary_Control_Description	5	1	0		
E_RW_Boundary_County	3	3	4		
E_RW_Boundary_National	3	5	6		
E_RW_Boundary_National_Forest	2	0	Boundary_Forest		
E_RW_Boundary_National_Park	253	0	Boundary_National_Park		
E_RW_Boundary_National_Wildlife_Refuge	194	0	Boundary_NWR		
E_RW_Boundary_State	3	3	6		
E_RW_Calculated_Position	3	1	0		
E_RW_Citations	48	1	0		
E_RW_Deed	3	1	0		
E_RW_Dimensions_Calculated	5	1	0		
E_RW_Dimensions_Measured	5	1	0		
E_RW_Dimensions_Record	5	1	0		
E_RW_GCDB_Working	16	1	0		
E_RW_Maintenance_Limits	234	1	E_Maintenance_Limits		
E_RW_Owner_Name	5	1	0		
E_RW_Perm_Easement	5	1	E_Permanent_Easement_InLine		
E_RW_Prescriptive_Easement	5	1	E_Permanent_Easement_InLine		
E_RW_Projected_Corner	0	0	0		
E_RW_Property_Line	5	1	Property_Line		
E_RW_Right_of_Way_Line	5	1	E_Right-of-Way_Inline		
E_RW_Roadway_Centerline_as_recorded	0	0	0		
E_RW_Section_Line	5	2	section		
E_RW_Section_Line_Quarter	5	1	¼ Section Line		
E_RW_Section_Line_Sixteenth	5	0	1/16 th Section Line		
E_RW_Section_Text	0	1	0		

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E_RW_Sheet_Text	0	1	0		
E_RW_Sheets	0	1	0		
E_RW_Tax_Parcel	5	1	0		
E_RW_Township_or_Range_Line	5	3	Township/Range		
E_RW_Utility_Easement	5	1	E_Permanent_Easement_InLine		
E_RW_Vicinity	0	1	0		
E_SUR_Autonomous_GIS	27	0	0		
E_SUR_Clearing_Limits	0	0	0		
E_SUR_Control	3	1	0	tpoint	
E_SUR_Control_Reference	0	0	0		
E_SUR_Control_Text	3	1	0		
E_SUR_Found_Bearing_Object	2	1	0	bearing tree	
E_SUR_Found_Bench_Mark	0	1	0	bench	
E_SUR_GIS_Data	115	0	0		
E_SUR_Misc_Info	29	0	0		
E_SUR_Monument_Description	0	1	0		
E_SUR_Monuments	0	0	0		
E_SUR_Panel_Points	0	0	0		
E_SUR_PLine_Station	0	1	0		
E_SUR_Post_Processed_GIS_Data	0	0	0		
E_SUR_Temporary_Control	29	0	0		
E_SUR_Text	29	0	0		
E_UT_Irrigation_Ditch	127	1	E_Irrigation_Ditch		
E_UT_Light_Pole	3	0	0	streetlite	
E_UT_Misc_Uilities	**	0	0		
E_UT_Overhead_CATV	87	1	E_Overhead_CATV		
E_UT_Overhead_Fiber_Optic	87	1	E_Overhead_Fiber_Optic		
E_UT_Overhead_Power	3	1	E_Overhead_Power		
E_UT_Overhead_Telephone	87	1	E_Overhead_Telephone		
E_UT_Pole_Supports	3	1	0	guy	
E_UT_Poles	3	1	0	pole	
E_UT_Septic_Tank	152	0	0	tank	
E_UT_Traffic_Signal	6	0	0	Tsig/tsig G	
E_UT_Underground_CATV	87	1	E_Underground_CATV		
E_UT_Underground Fiber Optic	87	1	E_Underground_Fiber_Optic		

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E_UT_Underground_Force_Main	157	1	E_Underground_Force_Main		
E_UT_Underground_Gas	219	1	E_Underground_Gas		
E_UT_Underground_Irrigation	127	1	E_Underground_Irrigation		
E_UT_Underground_Oil	219	1	E_Underground_Oil		
E_UT_Underground_Power	3	1	E_Underground_Power		
E_UT_Underground_Sanitary_Sewer	157	1	E_Sanitary_Sewer		
E_UT_Underground_Steam	219	1	E_Underground_Steam		
E_UT_Underground_Storm_Drain	157	1	E_Storm_Drain		
E_UT_Underground_Telephone	87	1	E_Underground_Telephone		
E_UT_Underground_Water	1	1	E_Water_Line		
E_UT_Uilities_Text	**	1	0		
E_UT_Well	7	0	0	well	
E_VEG_Brush_Line	2	1	Brush_Line		>
E_VEG_Special	245	1	0	Cactus/etc.	
E_VEG_Text	2	0	0		
E_VEG_Tree_Line	2	1	Tree_Line		
E_VEG_Trees	2	1	Tree_Line		

Updated 12/5/2007 The verdana font will be used for all text. Text size for English is 8 and for metric it is 2.

- \$ When there is a change in road composition show a solid line at the change point across the road and add label, i.e., GRAVEL/PAVED/DIRT.
- > Ticks should point toward the interior of the area outline.
- % Use control photo annotations for culvert label information (when available).
- ** Color code according to type of utility (electric=3; gas=219; communications=87; water=7; sewer=152)