

TOPO GROUND CODE LISTING (NUMERIC)

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
01	Dike	29	Water Elevation (w/date)	65	Trench Scar
02	Wheel Stop	30	Pullout (note if asphalt, gravel, etc.)	66	Gate (2 shots)
03	Dam	31	Edge of Road (field-do not use)	67	Drainage Flow Line
04	Grave	32	Striping (with description)	68	Traffic Signal (w/comment)
05	Manhole (what type?)	33	Edge of Pavement	69	Bearing Object (w/comment)
061	Fiber Optic Line - Overhead	34	Utility Pedestal (type)	70	Center Line
062	Fiber Optic Line Underground	35	Curb Top	71	Ditch (man made)
063	CATV Overhead Line	36	Curb Bottom	72	Ditch, Irrigation
064	CATV Line Underground	37	Driveway (note if asphalt, gravel, etc.)	73	Edge of Water
07	Remote Object Elevation	38	Water Faucet	74	
08	Bench Mark	39	Guardrail (type)	75	Top of Bank
09	Vent (w/description)	40	Sign (What does it say?)	76	
10	Bridge Abutment	401	Mile Post Marker (with comment)	77	Break Line (w/comment)
11	Miscellaneous Point Feature (desc)	402	Sign, Stop	78	Rock (point feature)
111	Miscellaneous Line Feature (desc)	403	Sign, Yield	79	
112	Miscellaneous Note	41	Guy Anchor	80	Fence (What type?)
113	Miscellaneous Line Feature (desc)	42	Brush Line	81	Pipe Line (What type?)
12	Building (all corners)	43	Sidewalk	82	Scarp
13	Utility Pole (w/description)	44	Cattle Guard (4 shots - note if winged)	83	Ridge Line
14	Spring, Seep	45	Bridge Deck (planimetric only)	84	Rock Outcrop
15	Electric Line Underground	46	Culvert, Pipe (w/comment)	85	Ground Shot
16	Telephone Line Underground	47	Bridge Pier	86	Mail Box
17	Water Line Underground	48	Structure (comment-what type?)	87	Head wall (2 top 1 bottom shot)
18	Storm Sewer Invert (pipe size)*	49	Steps, stairs (4 shots minium)	88	Light Pole
19	Sanitary Sewer Invert (pipe size)*	50	Stream	89	Flag Pole
20	Wet area (Outline)	51	Antenna	90	Hi or Low Point
21	Street Light (gantry type)	52	Gas Line Underground	91	Berm
22	Tree (Generic)	53	Bore Hole	92	Electric Line Overhead
220	Tree, Oak	54	Bottom of Bank	93	Edge of Gravel
221	Tree, Pine	55	Well	94	Edge of Concrete
222	Tree, Fir	56	Septic Tank (outline extents if able)	95	Drop Inlet (4 shots)
223	Tree, Cedar	57	Wall Top (note type, 2 shots min.)	96	Temp. Control Point (not on map)
224	Cactus (What type?)	58	Primary Control Monument (what type?)	97	Rip Rap
23	Tree Line	59	Archeological Site	98	Overhang (planimetric only)
24	Trail	60	Post (w/description)	99	Boulder (solitary rock)
250	Valve, Water	601	Bollard		
251	Valve, Gas	61	Telephone Line Overhead		
26	Fire Hydrant	62	Property Monument (brief description)	6000-6999	boundary control pts.
27	Wall Bottom (note type)	63	Temp Bench Mark (w/description)	7000-7999	bench marks
28	Utility Meter (w/description)	64		8000-8999	panel points
				9000-9999	surveyor discretion
				10000 +	mapping / topo points

POINT NUMBERING
 1-999 level runs
 1000-1999 existing primary control
 2000-2999 GPS control monuments
 3000-3999 control monument w/ different levels
 4000-4999 auxiliary control monuments
 5000-5999 supplemental control
 *Note width/diameter
 Updated 12/2007

TOPO GROUND CODE LISTING (ALPHA)

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
51	Antenna	062	Fiber Optic Line Underground	49	Steps, stairs (4 shots minium)
59	Archeological Site	26	Fire Hydrant	18	Storm Sewer Invert (pipe size)*
69	Bearing Object (w/comment)	89	Flag Pole	50	Stream
08	Bench Mark	32	Striping (with description)	21	Street Light (gantry type)
91	Berm	52	Gas Line Underground	48	Structure (comment-what type?)
601	Bollard	66	Gate (2 shots)	61	Telephone Line Overhead
53	Bore Hole	04	Grave	16	Telephone Line Underground
54	Bottom of Bank	85	Ground shot	63	Temp Bench Mark (w/description)
99	Boulder (solitary rock)	39	Guardrail (type)	96	Temp. Control Point (not on map)
77	Break Line (w/comment)	41	Guy Anchor	75	Top of Bank
45	Bridge Deck (planimetric only)	87	Head wall (2 top 1 bottom shot)	68	Traffic Signal (w/comment)
10	Bridge Abutment	90	Hi or Low Point	24	Trail
47	Bridge Pier	88	Light Pole	22	Tree (Generic)
42	Brush Line	86	Mail Box	223	Tree, Cedar
12	Building (all corners if possible)	05	Manhole (what type?)	222	Tree, Fir
224	Cactus (What type?)	401	Mile Post Marker (with comment)	220	Tree, Oak
44	Cattle Guard (4 shots - note if winged)	111	Miscellaneous Line Feature (desc)	221	Tree, Pine
063	CATV Line Overhead	113	Miscellaneous Line Feature (desc)	23	Tree Line
064	CATV Line Underground	112	Miscellaneous Note	65	Trench Scar
70	Center Line	11	Miscellaneous Point Feature (desc)	17	Water Line Underground
46	Culvert, Pipe (w/comment)	84	Rock Outcrop	28	Utility Meter (w/description)
36	Curb Bottom	98	Overhang (planimetric only)	34	Utility Pedestal (type)
35	Curb Top	81	Pipe Line (What type?)	13	Utility Pole (w/description)
03	Dam	60	Post (w/description)	251	Valve, Gas
01	Dike	58	Primary Control Monument (what type?)	250	Valve, Water
71	Ditch (man made)	62	Property Monument (brief description)	09	Vent (w/description)
72	Ditch, irrigation	30	Pullout (note if asphalt, gravel, etc.)	27	Wall Bottom (note type)
67	Drainage Flow Line	07	Remote Object Elevation	57	Wall Top (note type, 2 shots min.)
37	Driveway (note if asphalt, gravel, etc.)	83	Ridge Line	29	Water Elevation (w/date)
95	Drop Inlet (4 shots)	97	RipRap	38	Water Faucet
94	Edge of Concrete	78	Rock (point feature)	55	Well
93	Edge of Gravel	19	Sanitary Sewer Invert (pipe size)*	20	Wet area (Outline)
33	Edge of Pavement	82	Scarp	02	Wheel Stop
31	Edge of Road (field-do not use)	56	Septic Tank (outline extents if able)		
73	Edge of Water	43	Sidewalk		
92	Electric Line Overhead	40	Sign (What does it say?)		
15	Electric Line Underground	402	Sign, Stop		
80	Fence (What type?)	403	Sign, Yield		
061	Fiber Optic Line Overhead	14	Spring, Seep		

To identify multiple features, use the third number field.
 If more than one linear feature, identify with a different third character.
 331 = first edge of pavement
 332 = second edge of pavement, etc.
 *Note width/diameter
 Updated 12/2007

Begin continuous features with a "BL**"
 End them with "EL**"
 Close line with "CL**"
 Point on curve with "OC**"