

To map multiple features of the same type, add an alpha numeric character to the end of the code.
 Example: If mapping more than one edge of asphalt, identify each with a different alpha numeric suffix, 3021 or 302L = Left edge of asphalt, 302 or 302R = Right edge of asphalt and so on.

Use # symbol after field code before Description, if a description is needed.
 Examples:
 BL 201R#Barbed Wire
 232#Curve Ahead

Linking Codes: At beginning
 BL = Begin Continuous Features
 EL = End continuous feature
 CL = Close on a continuous feature on the beginning point
 PC = Start of Curve
 PT = End of Curve

Include a space between linking code and code
 There can be numerous measurements between the PC and PT.

Point Numbering
 1-999 Level Runs
 1000-1999 Existing primary control
 2000-2999 GPS Control /GPS elevations
 3000-3999 Control Monument / Differential Elevations
 4000-4999 auxiliary control monuments
 5000-5999 supplemental control - Like a 3000 Point
 6000-6999 boundary points (property monuments)
 7000-7999 Bench marks
 8000-8999 Panel points for an aerial survey
 9000-9999 Surveyor discretion
 10000 + mapping / topo points. These points can also have an ASCII character before the number ie: A1000, B10000.

Code	Feature	*	Code	Feature	*	Code	Feature	*	Code	Feature	*	Code	Feature	*
101	Control Point		242	Flag Pole		375	Stairs	B	635	Culvert - Ductile Iron	G	828	Util. - UG CATV	G
102	GPS Control		244	Picnic Table		376	Handrail	G	636	Culvert - Misc.	G	830	Util. - Manhole Lid - CATV	
103	Temporary Control		245	Grill		380	Trail	B	637	Culvert End Section		831	Util. - Pedestal CATV	
104	Traverse Point		246	Fire Pit		399	Misc. Roadway Feature	G	640	Wall - Concrete	B	833	Util. - UG Gas	G
110	Fnd GLO Stone		247	Garbage Can		401	Ground Shot		641	Wall - MSE	B	834	Util. - Gas Valve	
111	Fnd Iron Rod		248	Garbage Can - Bear proof		402	Toe of Slope	B	642	Wall - Rockery	B	835	Util. - Gas Meter	
112	Fnd Iron Pipe		249	Bench	G	403	Top of Bank	B	643	Wall - Timber	B	836	Util. - Gas Standpipe	
113	Fnd Brass Cap		250	Wood Misc.	G	404	Break line	B	644	Wall - Soldier Pile	B	837	Util. - Gas Manhole Lid	
114	Fnd Benchmark		251	Gravesite		405	Ridge Line	B	645	Wall - Geotextile	B	840	Util. - UG Water	G
117	Fnd Hub & Tack		253	Antenna		410	Slide Area Perimeter	B	646	Wall - Gabion	B	841	Fire Hydrant	
118	Fnd Bearing Object		254	Vent		415	Rock Line or Outcrop	B	647	Guardwall	B	842	Water Faucet	
119	Fnd Nail		297	Misc. Point Feature	G	416	Rock Spot Shot		648	Toe of Wall	B	843	Util. - Water Valve	
120	Fnd Aluminum Cap		298	Misc. Line Feature	G	418	Overhang	G	649	Wingwall	B	844	Util. - Water Manhole Lid	
121	Fnd Plastic Cap		299	Misc. Planimetric Feature	G	419	Riprap	G	650	Headwall	B	845	Util. - Water Standpipe	
122	Fnd Monument		301	Centerline	B	420	Stockpile	G	651	Wall - Misc.	B	846	Util. - Water Meter	
123	Fnd R/W monument		302	Edge of Asphalt	B	422	Boulder		699	Misc. Structure/Pipe shot	G	847	Water Fountain	
125	Temp Bench Mark		303	Asphalt Spot Shot		499	Misc. Topographic Feature	G	701	Tree - Conifer		848	Sprinkler	
150	Center Corner		304	Edge of Concrete	B	501	Edge Of Water	B	702	Tree - Deciduous		849	Well	
155	Fnd Section Corner		305	Concrete Spot Shot		502	Stream X-Section	G	703	Tree Line	G	850	Util. - Water Pump Station	
199	Misc. S&C Point		306	Edge of Gravel	B	503	Streambed		704	Brushline	G	853	Irrigation Standpipe	
201	Fence - Barbed Wire	G	307	Gravel Spot Shot		504	Thalweg (Stream Profile)	B	705	Hedge		855	Util. - UG Sanitary Sewer	G
202	Fence - Wire	G	308	Edge of Dirt Road	B	507	Marsh or Swamp		706	Shrub		857	Util. - Sewer Manhole Lid	
203	Fence - Split Rail	G	309	Driveway	B	508	Spring or Seep		707	Stump		861	Util. - Sewer Pump Station	
204	Fence - Wood	G	310	Pavement Joint	G	520	Ditch	B	720	Bore Hole		864	Util. - UG Storm Drain	G
205	Fence - Buck & Rail	G	311	Shoulder	B	521	Paved Waterway	B	801	Util. - Power Pole		865	Util. - Storm Drain Manhole Lid	
206	Fence - Chain Link	G	312	Trench Scar	G	530	Irrigation Ditch	B	802	Util. - Light Pole		866	Util. - Manhole	
207	Fence - Other	G	320	Curb & Gutter	B	531	Irrigation Gate		803	Util. - Overhead Power Line	G	867	Drop Inlet	B
210	Gate		321	Curb - Asphalt	B	599	Misc. Hydraulic Feature	G	804	Util. - Overhead Wire Shot	G	868	Curb Inlet	B
212	Cattle Guard (single shot @ center)	G	322	Curb - Concrete	B	601	Bridge Abutment	B	805	Util. - Guywire Anchor		870	Invert	
220	House	B	323	Curb - Other	B	602	Bridge Deck	G	806	Util. - UG Power	G	871	Underdrain	
221	Building	B	330	Pavement Stripe	G	603	Bridge Pier	G	807	Util. - Transformer		872	Util. - Storm Drain Pump Station	
222	Structure	B	331	Cross Walk	G	604	Bridge Pier Cap		808	Util. - Electric Meter		875	Util. - Traffic Signal Pole	
223	Restroom	B	340	Guardrail	G	605	Footer	B	810	Util. - Junction Box Electric		877	Util. - Traffic Control Box	
227	Concrete Slab	B	341	Jersey Barrier	G	606	Bridge Girder - Low Chord	G	814	Util. - Telephone Pole		878	Util. - Traffic Counter	
230	Milepost		342	Barrier (misc.)	G	607	Bridge Rail	G	815	Util. - Overhead Phone Line	G	881	Util. - Traffic Signal Misc.	
231	Delineator		345	Bollard (Post)		610	Util. - Conduit	G	816	Util. - UG Telephone	G	882	Util. - Ped Xing signal	
232	Sign: One Post	B	351	Berm	B	622	Boardwalk	B	817	Util. - Telephone Pedestal		885	Util. - Pole	
233	Sign: Two Post	G	352	Speed Bump	G	625	Dam	B	819	Util. - Phone Vault		887	Util. - Junction Box	
234	Sign: Interpretive Exhibit	G	353	Wheel Stop	G	627	Dike	B	820	Util. - Phone Junction Box		889	UG Tank	
235	Sign: Buried Utility		360	Railroad Track C/L	B	630	Culvert - Corrugated Metal	G	821	Util. - Phone Manhole Lid		899	Util. - Misc. Feature	
236	Sign: Boundary Marker		361	Railroad: Top of Rail	B	631	Culvert - Corrugated Plastic	G	824	Util. - UG Fiber Optic	G			
238	Mailbox(s)	G	370	Sidewalk	B	632	Culvert - Smooth PVC	G	825	Util. - Fiber Optic Pedestal				
240	Parking Meter		371	ADA Ramp	B	634	Culvert - Concrete	G	827	Util. - Overhead Cable	G			

* B = Breakline/Line Feature included in the DTM (any Code can be a Line Feature using Linking Codes but only those w/ a B will be included in the DTM)

G = graphic element only; will not be included in the DTM

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Code	Feature	*	Code	Feature	*	Code	Feature	*	Code	Feature	*	Code	Feature	*
371	ADA Ramp	B	867	Drop Inlet	B	220	House	B	420	Stockpile	G	801	Util. - Power Pole	
253	Antenna		302	Edge of Asphalt	B	870	Invert		502	Stream X-Section	G	857	Util. - Sewer Manhole Lid	
303	Asphalt Spot Shot		304	Edge of Concrete	B	530	Irrigation Ditch	B	503	Streambed		861	Util. - Sewer Pump Station	
342	Barrier (misc.)	G	308	Edge of Dirt Road	B	531	Irrigation Gate		222	Structure	B	865	Util. - Storm Drain Manhole Lid	
249	Bench	G	306	Edge of Gravel	B	853	Irrigation Standpipe		707	Stump		872	Util. - Storm Drain Pump Station	
351	Berm	B	501	Edge Of Water	B	341	Jersey Barrier	G	125	Temp Bench Mark		813	Util. - Telephone Pedestal	
622	Boardwalk	B	201	Fence - Barbed Wire	G	238	Mailbox(s)	G	103	Temporary Control		814	Util. - Telephone Pole	
640	Bollard (Post)		205	Fence - Buck & Rail	G	507	Marsh or Swamp		504	Thalweg (Stream Profile)	B	877	Util. - Traffic Control Box	
720	Bore Hole		206	Fence - Chain Link	G	230	Milepost		402	Toe of Slope	B	878	Util. - Traffic Counter	
422	Boulder		207	Fence - Other	G	599	Misc. Hydraulic Feature	G	648	Toe of Wall	B	881	Util. - Traffic Signal Misc.	
404	Break line	B	203	Fence - Split Rail	G	298	Misc. Line Feature	G	403	Top of Bank	B	875	Util. - Traffic Signal Pole	
601	Bridge Abutment	B	202	Fence - Wire	G	299	Misc. Planimetric Feature	G	380	Trail	B	807	Util. - Transformer	
602	Bridge Deck	G	204	Fence - Wood	G	297	Misc. Point Feature	G	104	Traverse Point		828	Util. - UG CATV	G
606	Bridge Girder - Low Chord	G	841	Fire Hydrant		399	Misc. Roadway Feature	G	701	Tree - Conifer		824	Util. - UG Fiber Optic	G
603	Bridge Pier	G	246	Fire Pit		199	Misc. S&C Point		702	Tree - Deciduous		833	Util. - UG Gas	G
604	Bridge Pier Cap		242	Flag Pole		699	Misc. Structure/Pipe shot	G	703	Tree Line	G	806	Util. - UG Power	G
607	Bridge Rail	G	120	Fnd Aluminum Cap		499	Misc. Topographic Feature	G	312	Trench Scar	G	855	Util. - UG Sanitary Sewer	G
704	Brushline	G	118	Fnd Bearing Object		418	Overhang	G	871	Underdrain		864	Util. - UG Storm Drain	G
221	Building	B	114	Fnd Benchmark		240	Parking Meter		889	UG Tank		816	Util. - UG Telephone	G
212	Cattle Guard (single shot @ center)	G	113	Fnd Brass Cap		521	Paved Waterway	B	885	Util. - Pole		840	Util. - UG Water	G
150	Center Corner		110	Fnd GLO Stone		310	Pavement Joint	G	610	Util. - Conduit	G	844	Util. - Water Manhole Lid	
301	Centerline	B	117	Fnd Hub & Tack		330	Pavement Stripe	G	808	Util. - Electric Meter		846	Util. - Water Meter	
227	Concrete Slab	B	112	Fnd Iron Pipe		244	Picnic Table		825	Util. - Fiber Optic Pedestal		850	Util. - Water Pump Station	
305	Concrete Spot Shot		111	Fnd Iron Rod		360	Railroad Track C/L	B	837	Util. - Gas Manhole Lid		845	Util. - Water Standpipe	
101	Control Point		122	Fnd Monument		361	Railroad: Top of Rail	B	835	Util. - Gas Meter		843	Util. - Water Valve	
331	Cross Walk	G	119	Fnd Nail		223	Restroom	B	836	Util. - Gas Standpipe		254	Vent	
634	Culvert - Concrete	G	121	Fnd Plastic Cap		405	Ridge Line	B	834	Util. - Gas Valve		640	Wall - Concrete	B
630	Culvert - Corrugated Metal	G	123	Fnd R/W monument		419	Riprap	G	805	Util. - Guywire Anchor		646	Wall - Gabion	B
631	Culvert - Corrugated Plastic	G	155	Fnd Section Corner		415	Rock Line or Outcrop	B	887	Util. - Junction Box		645	Wall - Geotextile	B
635	Culvert - Ductile Iron	G	605	Footer	B	416	Rock Spot Shot		810	Util. - Junction Box Electric		651	Wall - Misc.	B
636	Culvert - Misc.	G	247	Garbage Can		311	Shoulder	B	802	Util. - Light Pole		641	Wall - MSE	B
632	Culvert - Smooth PVC	G	248	Garbage Can - Bear proof		706	Shrub		866	Util. - Manhole		642	Wall - Rockery	B
637	Culvert End Section		210	Gate		370	Sidewalk	B	830	Util. - Manhole Lid - CATV		644	Wall - Soldier Pile	B
321	Curb - Asphalt	B	102	GPS Control		236	Sign: Boundary Marker		899	Util. - Misc. Feature		643	Wall - Timber	B
322	Curb - Concrete	B	307	Gravel Spot Shot		235	Sign: Buried Utility		827	Util. - Overhead Cable	G	842	Water Faucet	
323	Curb - Other	B	251	Gravesite		234	Sign: Interpretive Exhibit	G	815	Util. - Overhead Phone Line	G	847	Water Fountain	
320	Curb & Gutter	B	245	Grill		232	Sign: One Post		803	Util. - Overhead Power Line	G	849	Well	
868	Curb Inlet	B	401	Ground Shot		233	Sign: Two Post	G	804	Util. - Overhead Wire Shot	G	353	Wheel Stop	G
625	Dam	B	340	Guardrail	G	410	Slide Area Perimeter	B	882	Util. - Ped Xing signal		649	Wingwall	B
231	Delineator		647	Guardwall	B	352	Speed Bump	G	831	Util. - Pedestal CATV		250	Wood Misc.	G
627	Dike	B	376	Handrail	G	508	Spring or Seep		820	Util. - Phone Junction Box				
520	Ditch	B	650	Headwall	B	848	Sprinkler		821	Util. - Phone Manhole Lid				
309	Driveway	B	705	Hedge		375	Stairs	B	819	Util. - Phone Vault				

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