

TOPOGRAPHIC CODES MAN MADE FEATURES

<u>Code</u>	<u>Description</u>
200 P	REFERENCE POINT INFO 3 = Point Type 1 – Brng Tree 2 – Monument 3 – Set Out 4 – Swing Tie 5 – Tag 6 – Test Bore Hole 7 – Vert Clearance 8 – Settlement Pin
205 L	BUILDING (IRREGULAR SHAPE)
207 L	BUILDING (ROOF OVERHANG)
210 L	FENCE - Barbed Wire INFO 3 = Height
211 L	FENCE - Chain Link INFO 3 = Height
212 L	FENCE - Wood Rail INFO 3 = Height
213 L	FENCE - Board INFO 3 = Height
214 L	FENCE - Wire Mesh INFO 3 = Height
215 L	FENCE – PIPE RAIL INFO 3 = Height
220 P	FLAG POLE

<u>Code</u>	<u>Description</u>
250 P	RAILROAD - Gate Post
251 P	RAILROAD - Signal
255 P	RAILROAD - Switch
260 L	RAILROAD - Track Rt Rail Origin
265 P	SIGN – Multi-post INFO 3 = 1-Regulatory, 2-Warning 3-Guide, 4 –Motorist Service, 5 –Construction, 6-Recreation/Cultural Interest, 10-Other
266 P	SIGN - Single Post INFO 3 = 1-Regulatory, 2-Warning 3-Guide, 4 –Motorist Service, 5 –Construction, 6-Recreation/Cultural Interest, 10-Other
267 L	SIGN - Bridge Shoot each post
268 P	SIGN - Cantilever INFO 3 = 1-Regulatory, 2-Warning 3-Guide, 4 –Motorist Service, 5 –Construction, 6-Recreation/Cultural Interest, 10-Other

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

<u>Code</u>	<u>Description</u>
270	P TANK, CENTER INFO 3 = Diameter
271	L TANK, PROPANE, ENDS INFO 3 = Diameter
275	L RETAINING WALL, Bottom INFO 3 = Height
276	L RETAINING WALL, Top
280	L SOUND WALL, Bottom INFO 3 = Height
283	L WALL, Misc, Bottom INFO 3 = Height
290	L DECK, Wood, Edge
292	L PATIO, Edge INFO 3 = 1 – Brick, 2 – Conc, 10 – Other
293	L BUS STOP
296	L CAR PORT, Edge

<u>ROADWAY DELINEATION</u>	
<u>Code</u>	<u>Description</u>
300	L BRIDGE, Abutment INFO 3 = 1–Centerline 2–Face 3–Offset
301	L BRIDGE, Edge of Deck
302	L BRIDGE, Paving Notch
303	L BRIDGE, Wing Wall
304	L BRIDGE, Barrier Rail, Bottom INFO 3 = Height
305	L BRIDGE, Barrier Rail, Top
306	L BRIDGE, Curb, Edge, Bottom INFO 3 = Height
307	L BRIDGE, Curb, Edge, Top
308	P BRIDGE, Deck Drain
309	P BRIDGE, Utility Access Opening
310	L BENT/COLUMN/PIER(Linear)
311	P BENT/COLUMN/PIER(Circular) INFO 3 = Diameter
312	L BRIDGE, Soffit

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

<u>Code</u>	<u>Description</u>
313 L BRIDGE, STRIPES, Pavement	INFO 3 = Type <i>See 370</i>
314 L BRIDGE, PAVEMENT, EDGE	
315 L BRIDGE, TRAVELED WAY EDGE	
316 L BRIDGE, BACK OF WALK/CURB	
320 L SIDEWALK Top, Face, Back	INFO 1 = 1-AC, 2-Concrete, 3-Brick Paver, 10-Other
323 L CURB Lip	
324 L CURB Flow Line	INFO 3 = Height of Curb
325 L CURB Top, Front / Back	
328 L DRIVEWAY, Edge	INFO 3 = 1-AC, 2-Concrete, 3-Dirt 4-AB, 5-Gravel, 6-Brick Paver, 10-Other
330 L DIKE BOTTOM, Front/Back	INFO 3 = Height
331 L DIKE TOP, Front/Back	
348 L VALLEY GUTTER	INFO 3 = Width
350 L AC EDGE, Misc	(Gutters, Parking Areas,.....etc.)

<u>Code</u>	<u>Description</u>
351 L AC FL GUTTER, Misc	
352 L AC BREAK LINE, Misc	
360 L CONCRETE EDGE, Misc	
361 L CONCRETE FL GUTTER, Misc	INFO 3 = Width
362 L CONCRETE BREAK LINE, Misc	
364 L CATTLE GUARD	
370 L STRIPES, Pavement	INFO 3 1-White, 2-Yellow, 3-Dbl White 4-Dbl Yellow, 5-Fog, 10-Other
371 L MARKERS, Non-Reflective	
372 P MARKERS, Reflective	
373 P GUIDE POST MARKER	INFO 3 = 1- Delineator, 2-Pipe 3-Post Mile, 4-Snow

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

Code Description

- 380 L PAVEMENT EDGE (EP)**
INFO 3 = 1-AC, 2-Concrete
- 381 L TRAVELDWAY EDGE (ETW)**
INFO 3 = 1-AC, 2-Concrete
- 382 L SHOULDER, Surfaced (ES)**
INFO 3 = 1-AC, 2-Concrete
- 383 L BREAKLINE, Pavement**
INFO 3 = 1-AC, 2-Concrete
- 384 L ROAD EDGE, Un-surfaced**
INFO 3=1-Dirt, 2-AB, 5-Gravel,10-Other
- 385 L HINGE POINT**
- 386 L TOE of FILL**
- 387 L TOP of CUT**
- 388 L FRONT of BENCH**
- 389 L BACK of BENCH**
- 392 L TRAIL, Center**
INFO 3 = Width

VEGETATION**Code Description**

- 405 L VEGETATION, Edge**
INFO 3 = 1-Brush, 2-Low Vegetation
3-Hwy Planting, 4-Lawn, 5-Flower Bed
10-Other
- 420 P TREES**
INFO 1 = Type
- | | | |
|-----------------|---------------|---------------|
| 11-Acacia | 16-Eucalyptus | 72-Pear |
| 12-Alder | 66-Fig | 73-Pecan |
| 61-Almond | 43-Fir | 21-Pepperwood |
| 62-Apple | 67-Grapefruit | 45-Pine |
| 63-Apricot | 51-Joshua | 74-Pistachio |
| 13-Aspen | 68-Lemon | 75-Plum |
| 64-Avocado | 17-Madrone | 46-Redwood |
| 77-Black Walnut | 18-Maple | 47-Rubber |
| 41-Cedar | 19-Mulberry | 48-Spruce |
| 65-Cherry | 20-Oak | 99-Stump |
| 14-Cottonwood | 69-Olive | 22-Sycamore |
| 42-Cypress | 70-Orange | 49-Tamrack |
| 25-Elderberry | 10-Other | 23-Tanoak |
| 15-Elm | 44-Palm | 24-Willow |
| 76-English | 71-Peach | 50-Yew |
| Walnut | | |

INFO 2 = Diameter, INFO 3 = Drip Line

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

Code Description**410 L CROP, Edge**

INFO 3 = Type

1-Alfalfa, 2-Artichoke, 3-Asparagus, 4-Beans,
5-Celery, 6-Corn, 7-Garlic, 8-Melons,
9-Onions, 10-Other, 11-Peas, 12-Peppers,
13-Rice, 14-Soy Beans, 15-Strawberries,
16-Sugar Beets, 17-Tomatoes

425 L ORCHARD, EdgeINFO 3 = Tree Type (*See 420*)**465 L VINEYARD, Edge****470 L ORIGINAL GROUND****475 L EDGE OF SLIDE****476 P SLIDE (MONITORING)****480 L ROCK AREA****UTILITIES****Code Description****500 P POLE**

INFO 3 = Type

1-Power, 2-Power/Trans, 3-Junction,
4-Service, 5-Telephone, 6-Joint, 7-TV
8-Guy, 10-Other

501 L POLE LINEINFO 1 = *See 500***502 P GUY ANCHOR****505 P TRANSMISSION TOWER (Round)**

INFO 3 = Diameter

506 L TRANSMISSION TOWER

INFO 3 = Diameter

507 L OVERHEAD CABLE

INFO 3 = 1-Electrical, 2-Telephone
3-Fiber Optic, 4-Traffic Control,
6-Cable TV, 7-Guy Wire, 10-Other

508 L BURIED CABLE

INFO 3 = 1-Electrical, 2-Telephone
3-Fiber Optic, 4-Traffic Control
6-Cable TV, 10-Other

UNDERGROUND LINES**Code Description****509 L CABLE, FIBER OPTIC**

INFO 3 = Depth

510 L CABLE, ELECTRICAL

INFO 3 = Depth

511 L CABLE, TELEPHONE

INFO 3 = Depth

512 L CABLE, TELEVISION

INFO 3 = Depth

513 L SEWER

INFO 3 = Diameter
Depth in Comments

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

<u>Code</u>	<u>Description</u>
514 L STORM DRAIN	INFO 3 = Diameter Depth in Comments
515 L GAS LINE, Natural	INFO 3 = Diameter Depth in Comments
516 L GAS LINE, Petroleum	INFO 3 = Diameter Depth in Comments
517 L WATER LINE	INFO 3 = Diameter Depth in Comments
518 L CONDUIT	INFO 3 = 1-Electrical, 2-Telephone 3-Fiber Optic, 4-Traffic Control 6-Cable TV,10-Other Depth in Comments
520 P MAN HOLE, Sewer	INFO 2 = Depth INFO 3 = Diameter
521 P MAN HOLE, Storm	INFO 2 = Depth INFO 3 = Diameter
522 P MAN HOLE, Electrical	
523 P MAN HOLE, Telephone	
524 P MANHOLE, Undefined	INFO 3 = Diameter
525 P CALL BOX	

<u>Code</u>	<u>Description</u>
529 P UTILITY MARKER	INFO 3 = 1-Electrical, 2-Fiber Optic, 3-Cable, 4-Natural Gas, 5-Water, 6-Storm Drain, 7-Sewer Line, 10-Other
531 P CABINET, Utility - 1 Shot	INFO 1 = 1-Electrical, 2-Telephone 3-Fiber Optic, 4-Traffic Control 6-Cable TV,10-Other INFO 2=Width, INFO 3=Length
533 P VAULT, Utility - 1 Shot	INFO 1 = 1-Electrical, 2-Telephone 3-Fiber Optic, 4-Traffic Control, 5-NaturalGas, 6-Cable TV,10-Other INFO 2=Width, INFO 3=Length
534 P VENT, Utility - 1 Shot	INFO 1 = 1-Electrical, 2-Telephone 3-Fiber Optic, 5-NaturalGas, 10-Other INFO 2=Width, INFO 3=Length
535 P PULL/UTILITY BOX	INFO 1 = 1-Electrical, 2-Water Valve 3-Water Meter, 4-Traffic Signal 5-TV, 6-Telephone, 7-Cleanout, 10-Other INFO 2 = Width, INFO 3 = Length
536 P TELEPHONE PEDESTAL	
539 P DECORATIVE LAMP POST	

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

Code Description**540 P ELECTROLIER****541 P TRAFFIC SIGNAL****542 P FIRE HYDRANT****543 P PUBLIC TELEPHONE****545 P UTILITY APPURTENANCE**INFO 3 = 1-APV, 2-PRV, 3-Backflow,
10-Other**548 P ELECTRIC METER**

INFO 2 = Width, INFO 3 = Length

550 P GAS METER

INFO 2 = Width, INFO 3 = Length

551 P GAS VALVE**552 P WATER METER**

INFO 2 = Width, INFO 3 = Length

553 P WATER VALVE**554 P HOSE BIB****555 P CLEANOUT****556 L IRR CONTROL VALVE**

INFO 3 = Spacing between

HYDROGRAPHIC FEATURES**Code Description****601 L CANAL, Top**

INFO 3 = 1-AC, 2-Conc, 3-Dirt, 10-Other

602 L CANAL FLOWLINE

INFO 3 = 1-AC, 2-Conc, 3-Dirt, 10-Other

605 L DITCH, Irrigation, Top

INFO 3 = 1-AC, 2-Conc, 3-Dirt, 10-Other

606 L DITCH, Irrigation, FL

INFO 3 = 1-AC, 2-Conc, 3-Dirt, 10-Other

607 L OG, FLOWLINE**611 P DI, Rectangular FL (1 Shot)**

INFO 1 = Difference Shot to FL

INFO 2 = Width, INFO 3 = Length

612 P DI, Round, FL (1 Shot)

INFO 1 = Difference Shot to FL

INFO 3 = Diameter

613 P DI, CURB OPEN/NO GRATE**614 P DI, SIDE INLET, FL**

INFO 2=Height, INFO 3=Width

616 L CATCH BASIN**621 L DRAIN, Over Side**INFO 3 = 1-CMP, 2-FLUME, 3-AC
4-Concrete, 10-Other**ENTERING DIMENSIONS**

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

<u>Code</u>	<u>Description</u>
623 L SLOTTED DRAIN	
624 P EDGE DRAIN, Outlet	
625 P EDGE DRAIN, Vent	
626 P EDGE DRAIN, Clean Out	
631 L SLOPE PROTECTION, Edge	INFO 3 = 1-AC, 2-Concrete, 3-Broken Concrete, 4-Sacked Concrete 5-Rock, 6-Rock & Wire, 10-Other
641 L HEADWALL, Bottom (DTM)	
642 L HEADWALL, TOP	INFO 3 = Height
650 L CULVERT,	INFO 3 = Diameter Type in Comments

<u>Code</u>	<u>Description</u>
652 L CULVERT, Pipe, Flow Line	INFO 3 = Diameter Type in Comments
653 L CULVERT, Concrete Box	INFO 3=Height Width in Comments, (Ex: 2.0')
654 L CULVERT, Concrete Arch	INFO 3=Height Width in Comments, (Ex: 2.0')
656 L CULVERT, Wing Wall	
658 P FLARED END SECTION, Lip	INFO 3 = 1-CMP, 2-Conc, 10-Other
660 P HORIZONTAL DRAIN	
670 P HIGH WATER MARK	
671 L LAKE, POND, WATER EDGE	
672 L RIVER or STREAM, EDGE	
673 L STREAM, THREAD	

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000

<u>Code</u>	<u>Description</u>
674 L	BANK, TOP

681 L	SPILLWAY, Edge
	INFO 3 = 1-AC, 2-Conc, 10-Other

683 P	PUMP
-------	------

684 L	PUMP HOUSE
-------	------------

690 P	SPRINKLER HEAD
-------	----------------

692 L	VALVE, IRRIGATION
	INFO 3 = Spacing Between Heads

695 P	WELL
	INFO 3 = Diameter

696 P	STANDPIPE
	INFO 3 = Diameter

698 L	WEIR
-------	------

699 L	WEIR BOX
-------	----------

Points - Topo Codes

110	Primary Control Monument H&V
111	Primary Control Monument H
112	Primary Control Monument V
120	Project Control Monument H&V
121	Project Control Monument H
122	Project Control Monument V
130	Supplemental Control Monument H&V
131	Supplemental Control Monument H
132	Supplemental Control Monument V
140	Photo Control Monument H&V
141	Photo Control Monument H
142	Photo Control Monument V

Points - Topo Codes

3101	Rancho Corner
3102	Rancho, Other
3110	Township Corner
3112	Section Corner
3114	Quarter Corner
3116	Witness Corner
3140	Found Point, Record
3145	Found Point, No Record
3170	R/W Monument

ENTERING DIMENSIONS

Entering US Survey Feet: 6.00' = 600

Entering Metric: 6.00' = 6000