

A-Spec Trimble Codelist

Codelist for FXL - A-SPEC V1.2 - 2023.fxl

- Point codes begin with P.
- Polygon codes begin with B.
- Line codes are three characters in length.
- Orange highlight indicates new or updated from 2019 version.



ANZ Toolbox

B-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|-------------|---------------------------|--|-------|
| PCOM | COMD_Equip | Comm & Data Point | Point location of equipment belongs to communication and data system | Point |
| PELB | Elec_Equip | Electrical Equipment | Point location for electrical fixtures & equipment. | Point |
| PFIR | Fire_Equip | Fire Protection Equipment | Point location of equipment used for fire prevention, suppression or emergency safety. | Point |
| PHVE | HVAC_Equip | HVAC Equipment | Point location of equipment used for internal environmental air control | Point |
| PHVS | HVAC_Syst | HVAC Mechanical Systems | Location of large HVAC equipment | Point |
| PPLE | Plumb_Equip | Plumbing Equipment | Point location of equipment for distributing water or collecting waste water | Point |
| PSEC | Secu_Equip | Security Equipment | Point location of equipment for security. | Point |
| PSIB | Signs | Signage | Point location of a sign | Point |
| COM | COMD_Lines | Comm & Data Cabling | Cables belonging to the communication and data system | Line |
| CNB | Conduits_B | Conduits | Lines representing conduit centrelines and their alignment | Line |
| COP | Conv_Paths | Conveyance Path | Direction towards the closest emergency exit | Line |
| CWN | CWNP_Lines | Plumbing Lines | Pipes for cold, non-potable water plumbing system | Line |
| CWP | CWP_Lines | Plumbing Lines | Pipes for Cold water (potable) plumbing systems | Line |
| DWS | Door_Windw | Doors & Windows | Doors and Windows | Line |
| ELL | Elec_Lines | Electrical Lines | Conductor wires through which electricity flows. | Line |
| FIR | Fire_Lines | Fire Protection Lines | Pipes through which fire suppression fluid flows | Line |
| FIT | Fitt_Lines | Fittings & Fixtures Lines | Permanently fixed partitions | Line |
| FLR | Floor_Lines | Floor Plan Lines | Lines that compose a floor plan | Line |
| GAS | GAS_Lines | Plumbing Lines | Pipes for gas plumbing system | Line |
| HVL | HVAC_Lines | HVAC Lines | Ducts & pipes serving HVAC equipment. | Line |
| HWL | HW_Lines | Plumbing Lines | Pipes for hot water plumbing system | Line |
| SWL | SW_Lines | Plumbing Lines | Pipes for storm water plumbing system | Line |
| WWL | WW_Lines | Plumbing Lines | Pipes for wastewater plumbing system | Line |

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|------|---------------|--------------------------|--|---------|
| BBAX | B_Area_Extent | Area of Work Extent | Polygon representing the extent of the subdivision development or capital works | Polygon |
| BBPB | B_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BBFP | BFP | Building Footprint | Base footprint of the building. | Polygon |
| BBUL | Build_Space | Building Space | Interior/Exterior spaces such as meeting rooms. | Polygon |
| BCNV | Conv_Syst | Conveyance System | Polygon representing the extent of a system such as a lift or travelator | Polygon |
| BFIA | Fitt_Areas | Fittings & Fixtures Area | Permanently fixed furniture assets. | Polygon |
| BFLP | Floor_Plan | Building Floorplan | Floors contained in a building. | Polygon |
| BPLT | Pub_Toilets | Public Toilets | Area of public toilets | Polygon |
| BSTA | Stairs | Stairs | Perimeter of a staircase | Polygon |

D-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|---------------|-----------------------------|---|---------|
| PDPT | Pipes_Txt | Pipe Miscellaneous text | Change of grade, Tangent points and chainages, horizontal /vertical curves, Pipe Offset and brackets | Point |
| CND | Cond | Underground Conduits | Specifies underground optical fibre conduit linework in council owned infrastructure for telecommunications assets | Line |
| OSD | OSDS_CLine | OSDS Linear - Centrelines | Specifies the centreline of swales | Line |
| PIP | Pipes | Pipe | Specifies drainage linework | Line |
| PRP | Prop | Property Connections | Specifies property outlet to drainage network | Line |
| BCNP | Cond_Pits | Underground Conduit Pits | Specifies pits/access points in council owned infrastructure for telecommunications assets | Polygon |
| BDAX | D_Area_Extent | Area of Work Extent | Perimeter of extents of subdivision development or capital works. | Polygon |
| BDPB | D_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BHEW | HEWalls | Head-Endwalls | Specifies head walls and end walls | Polygon |
| BOSA | OSDS_Area | OSDS - Area | Specifies the area of the Sumps, Basins, Swales (area), Wetlands, Ponds (Retarding Basin) and Lakes | Polygon |
| BOSS | OSDS_Linear | OSDS - Linear | Specifies the area of the trench indicating the location of the swale, Buffer Strips, Filter Strips, Grass Filters and Rain Gardens and similar | Polygon |
| BPIT | Pits | Pits and/or Pits for Swales | Specifies pits/access points in network. | Polygon |
| BWHD | WHD | Water Harvesting Devices | Specifies the area of the feature | Polygon |

O-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|---------------|-----------------------------------|--|---------|
| PAMP | Amenities | Amenities | Central location of Amenity | Point |
| PART | Art | Public Art & Memorial | Centre of Artwork. | Point |
| PBIN | Bins | Bins | Central location of Bin. | Point |
| PBOR | Bores | Bore Ground Water | Ground Water Bores | Point |
| PGTE | Gates | Gates | Central location of Gate | Point |
| PIRG | Irrig_Pt | Irrigation Point | Location of feature | Point |
| PMRK | Marker_Pt | Emergency Markers Point | Central location of the marker | Point |
| PMSA | MSafety | Marine Safety and Assist Facility | Central location of the assist facility | Point |
| PPIL | Piles | Piles | Central location of the step | Point |
| PPLG | PlayEquip | Playground | Central location of the playground | Point |
| PPOL | Poles | Poles | Central location of the pole | Point |
| PSER | Service_Pt | Services Point | Supply of Power, Water and Gas – Meter and/or outlet Location | Point |
| FEN | Fences | Fences & Walls | Line indicting the position of fence and walls | Line |
| IRG | Irrig_Ln | Irrigation Line | Irrigation line location | Line |
| MRK | Marker_Ln | Emergency Markers Line | Linear representation of the pathway leading to the marker | Line |
| RTW | Ret_Wall | Retaining Walls | Linear representation of Retaining Walls | Line |
| SRL | Service_Ln | Services Linear | Power, Water and Gas “lines” | Line |
| BBDW | Boardwalk | Boardwalk | Perimeter of the Boardwalk | Polygon |
| BBRM | BRamps | Boat Ramps | Perimeter of the boat ramp | Polygon |
| BBRW | Breakwater | Breakwater | Perimeter of the Breakwater | Polygon |
| BFLD | Fields | Playing Fields | Perimeter of Playing Field. | Polygon |
| BJPM | J_P_M | Jetties Pier Marina | Perimeter of the jetty, pier or marina | Polygon |
| BLSC | Lscape | Landscaping | Landscaping Areas. | Polygon |
| BOAX | O_Area_Extent | Area of Work Extent | Perimeter of extents of subdivision development or capital works. | Polygon |
| BOPB | O_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BPLG | Playground | Playground & Exercise Equipment | Perimeter of Playground. | Polygon |
| BSPC | Space | Open Space | Perimeter of Open Space. | Polygon |
| BSTC | Structures | Minor Structures | Perimeter of Structure. | Polygon |

R-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|-----------------|-------------------------------------|---|-------|
| PRTX | R_Text | Text and Misc. Graphics | Text provided for cartographic representation only. | Point |
| PDLP | Dev_Loc | Traffic Management Device | Location of Device | Point |
| PITS | ITS_Point | Intelligent Transport Systems Point | Location of ITS components | Point |
| PLGT | Lighting | Lighting | Non-standard Public Lighting | Point |
| PSIR | Sign | Signs | Centre of Sign | Point |
| PTRS | Traffic_Signals | Traffic Signals | Location of Traffic Signals | Point |
| PTRE | Trees | Trees | Centre of Tree | Point |
| BAR | Barriers | Road Barriers | Centreline depicting extents of barrier | Line |
| ITS | ITS_Line | Intelligent Transport Systems Line | Line indication position of ITS cables | Line |

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|------|---------------|------------------------------------|--|---------|
| KRB | Kerbs | Kerbs & Kerbs and Channel & Should | Back of the Kerb. If NO Kerb & Channel, edge of the shoulder must be provided. | Line |
| PCL | P_CLine | Pathway Centreline | Centreline of Pathway, from intersection to intersection or to the end of current works | Line |
| SCL | S_CLine | Surface Seal Centreline | Centreline of Road, from intersection to intersection or to the end of current works | Line |
| TRL | Tr_Lines | TM Line Marking | Line Markings, Pedestrian crossings/medians/chevrons | Line |
| BABT | Abutment | Abutments | Perimeter of Abutments | Polygon |
| BCUL | Br_Cul | Bridges Major Culvert | Perimeter of Bridge/Major Culvert | Polygon |
| BDEV | Dev_Perim | TMD Polygon | Perimeter of Device | Polygon |
| BHAR | Hardstands | Hardstands | Perimeter of the hardstand area | Polygon |
| BITS | ITS_Poly | Intelligent Transport Systems Poly | Perimeter of ITS areas | Polygon |
| BPAR | Parking | Parking | Perimeter of Parking Area | Polygon |
| BPTH | Pathways | Pathways | Perimeter of Pathway | Polygon |
| BPAV | Pavement | Pavement | Lip of Kerb to Lip of Kerb | Polygon |
| BRAX | R_Area_Extent | Area of Work Extent | Perimeter of extents of subdivision development or capital works. | Polygon |
| BRPB | R_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BROD | Road | Road Reserve | Property Boundary to Property Boundary | Polygon |
| BSHL | Shelter | Shelters | Perimeter of the bus shelter | Polygon |
| BSUR | Surface | Surfaces (Seal) | The seal / surface above the pavement | Polygon |
| BTDR | T_Drain | Table Drain | Perimeter of the table drain | Polygon |
| BTAC | Tactile | Tactile Ground Surface Indicators | Extent of tactile paving | Polygon |
| BVCL | Vhcl_Cross | Vehicle Crossing | Driveway access | Polygon |

S-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|----------------|--------------------------|--|-------|
| PSGT | Gravity_Txt | Gravity pipe misc. text | Change of grade, Tangent points and chainages, horizontal /vertical curves, Pipe Offset and brackets | Point |
| PSPT | S_Pressure_Txt | Pressure pipe misc. text | Change of grade, Tangent points and chainages, horizontal /vertical curves, Pipe Offset and brackets | Point |
| PAPP | Acc_Points | Access Points | Point representing the centre location of the access point. | Point |
| PSEL | S_Elec_Equips | Electrical Equipment | Point representing the central location of the electrical equipment. | Point |
| PFTS | S_Fittings | Wastewater Fitting | Point representing fittings used to connect, cap or plug a pipe carrying wastewater. | Point |
| PINS | S_Instruments | Instrumentation | Point representing the central location of the instrumentation | Point |
| PSME | S_Mec_Equips | Mechanical Equipment | Point representing the central location of the mechanical equipment | Point |
| PPUS | S_Pumps | Wastewater Pump | Point representing pumps used in a wastewater network. | Point |
| PVAL | S_Valves | Wastewater Valve | Point representing the location of a Wastewater Valve. | Point |

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|------|---------------------|-------------------------------|--|---------|
| CNS | Conduits_S | Conduits | Line indicating the centreline position of the conduits | Line |
| PRS | Pressure | Pressure Main Wastewater Pipe | Line indicating the centreline position of the pressure main wastewater pipe. | Line |
| PRC | Prop_Conn | Property Connection | Line indicating the centreline position of the wastewater property connection / Lateral | Line |
| SEL | S_Elec_Cables | Electrical Cabling | Line indicating the centreline position of the electrical cables | Line |
| GRV | S_Gravity | Gravity Sewer Pipe | Line indicating the centreline position of gravity wastewater pipes. | Line |
| BACP | Acc_Poly | Access Point Poly | Polygon representing the actual size, location and rotation of the access point. | Polygon |
| BSTR | N_Structures | Other Network Structures | Polygon Representing network structures | Polygon |
| BSPB | S_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BSAX | S_Area_Extent | Area of Work Extent | Perimeter of extents of subdivision development or capital works. | Polygon |
| BPST | S_P_Station | Pump Station | Polygon representing facilities designed to remove the sewage. The shape must be representative of its actual size, location and rotation. | Polygon |
| BPSS | S_Pump_Station_Site | Pump Station Site | Polygon representing the actual size and location of the pump station site | Polygon |
| BSSS | S_Supp_Strut | Support Structure | Polygon representing the actual size and location of the support structure | Polygon |

W-Spec

| FXL Code | Name | Asset | Description | Type |
|----------|---------------|----------------------------------|---|-------|
| PHYD | Hydrant | Hydrants | Point representing the location of hydrant | Point |
| PPIT | Pit_Points | Access Points & Other Structures | Point representing the central location of access point. | Point |
| PWME | W_Mec_Equips | Mechanical Equipment | Point representing the central location of the mechanical equipment | Point |
| PWEL | W_Elec_Equips | Electrical Equipment | Point representing the central location of the electrical equipment. | Point |
| PFTW | W_Fitting | Fittings | Point representing the location of a fitting used to connect, cap or plug a pipe carrying water | Point |
| PINW | W_Instruments | Instrumentation | Point representing the central location of the instrumentation | Point |
| PMET | W_Meter | Meter | Point representing the location of meter | Point |
| PPUW | W_Pump | Pump | Point representing the location of a pump | Point |
| PVLW | W_Valve | Valve | Point representing the location of valve | Point |
| CNW | Conduits_W | Conduits | Line indicating the centreline position of the conduits | Line |
| PRM | Pressure_Main | Pressure Main | Line indicating the centreline position of the water pressure main. | Line |

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|-------|---------------------|----------------------------------|---|---------|
| SRM | Service_Main | Service Main | Line indicating the centreline position of the water service main | Line |
| WEL | W_Elec_Cables | Electrical Cabling | Line indicating the centreline position of the electrical cables | Line |
| BCAT | Cath_Protection | Cathodic Protection | Polygon representing the actual size and location of the cathodic protection assets | Polygon |
| BPTP | Pit_Polys | Access Points & Other Structures | Polygon representative the actual size (perimeter), location and rotation of the access point. | Polygon |
| BWPB | W_Problems | Problems | Circle of radius 10m and associated comments listing all problems with unique number (i.e. 1,2,3 etc.) | Polygon |
| BRES | Reservoir | Reservoir | Polygon representing facilities designed to store/distribute water. The shape must be representative of its actual size and location. | Polygon |
| BTNK | Tanks | Tanks | Polygon representing the actual size and location of the tanks | Polygon |
| BWAX | W_Area_Extent | Area of Work Extent | Perimeter of extents of subdivision development or capital works. | Polygon |
| BWPL | W_Platforms | Platforms | Polygon represents the actual size and location of Platforms and Walkways. | Polygon |
| BPSTW | W_Pump_Station | Pump Station | Polygon representing the actual size and location of the pump station | Polygon |
| BPSSW | W_Pump_Station_Site | Pump Station Site | Polygon representing the actual size and location of the pump station site | Polygon |
| BSSS | Supp_Strut | Support Structure | Polygon representing the actual size and location of the support structure | Polygon |

Working

| FXL Code | Name | Asset | Description | Type |
|----------|-------------------|--------------|---|-------|
| PBCNB | Pit Base | Cond Pits | Working point representing the base of conduit pit for D Spec | Point |
| PBPIB | Pit Base | Pits | Working point representing the base of pit for D Spec | Point |
| PBCNP | Pit Centre | Cond Pits | Working point representing the centre of conduit pit for D Spec | Point |
| PBPIT | Pit Centre | Pits | Working point representing the centre of pit for D Spec | Point |
| PBPST | Pump Stn at Level | Pump Station | Working point representing the level of pump station for S Spec | Point |
| PBPSTW | Pump Stn at Level | Pump Station | Working point representing the level of pump station for W Spec | Point |