

A-Spec Trimble Codelist

Codelist for FXL - A-SPEC V1.5 - 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.
- Updated to A-SPEC CODELISTS Version 2.0.11 MASTER WIP - 20260908



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
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
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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
KRB	Kerbs	Kerbs & Kerbs and Channel & Shoulder	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
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 indicting the centreline position of the water pressure main.	Line
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