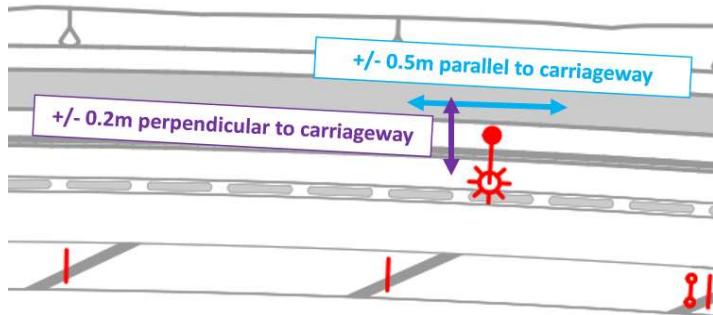


Item No.	Inspection and Test Point	Acceptance / Conformance Criteria	Standard / Specification	Verifying Document	Frequency	Verification Activity	
						Activity	By
SECTION 1 – PRE-CONSTRUCTION (P&G / ESTABLISHMENT)							
1.1 General							
1.1.1	Drawings	Prior to starting works, ensure that the construction drawings are both IFC and the Current Version.	Downer	IFC Drawings	Prior to work planning and start	M	PE
1.1.2	Power Connection Application	Submit new streetlighting connection request via WEL Connect portal.	WEL Requirements	Application Form	Once	H	PE
1.1.3	Construction Pack	ITP to be submitted to the Engineer and approved prior to works beginning	Downer	In-Eight Document Approval/Acknowledgement	Submit 10 days prior to commencement of works	H	PE
		Methodology and associated documents to be prepared, reviewed and approved internally prior to work commencement.	Downer	Construction Pack Sign Off	Prior to Construction & after any major incident	M	PE
1.1.4	Survey Set-out	Ensure streetlight locations are set out per IFC drawings/data.	Design Drawings	ITP Sign Off	Prior to Construction & Every Revision of IFC Drgs / Data	M	PE
1.1.5	Environmental Protection	Install Erosion Sediment Control measures in line with PWRBSS ESCP plans Inspect, monitor, and maintain ESCP measures weekly and immediately before & after significant weather events	Project ESCP Plans	ITP Sign Off	Prior to Construction Inspect, Monitor, and Maintain Weekly and immediately before and after significant weather events	M	PE
1.1.6	Stakeholder	Inform stakeholders of upcoming works Agree plans for maintaining access to properties during construction with landowners	Project Stakeholder Management Plan	ITP Sign Off	Prior to Construction with continue updates throughout the works	M	PE
	Permits	Ground Disturbance Permit must be in place before any ground breaking activity commences, incl. trenching, driving waratahs or survey pegs, and topsoil strip. Permit to Dig will be based on BBO existing Services Drawings, Before U Dig Plans , potholing by the project, CAT & Genny survey, and visual inspections. Doner Permit encompasses external provider permit requirements. All known services must be clearly marked on site and briefed to the workforce .	Section 2.2.10 Project Specification	Ground Disturbance Permit DN-ZH-FM043.1	Prior to Construction Reviewed and Reissued weekly or when site conditions change	H	PE
SECTION 2 – MATERIAL, PERSONNEL & THIRD PARTY APPROVAL							
2.1 General							
2.1.1	Walk-over	BBO representative to walk over and confirm/approve locations for install. Including reviewing accessibility of doors.	Design Drawings / RITS 3.6.3	Written correspondence	Prior to construction	HP	PE / BBO
2.1.2	Light Poles Materials/Delivery	Evidence of manufacturer and product name.	BBO Request	Delivery Dockets	Once per pole group installation	M	IBEX
SECTION 3 – CONSTRUCTION ACTIVITY							
3.1 Civil (Pole) Installations							

Item No.	Inspection and Test Point	Acceptance / Conformance Criteria	Standard / Specification	Verifying Document	Frequency	Verification Activity	
						Activity	By
3.1.1	Ducting Backfill Material	COVERED UNDER UTILITY TRENCH ITP. Where there is any exposed part of the cable (i.e. between termination of the duct and entry into streetlight pole underground hatch), surround with min. 100mm thickness sand material.	WEL Requirement	Photographs	Verification on random selection of poles	M	IBEX / PE
3.1.2	Access Hatch/Door Accessibility	Visual check to ensure accessibility of doors.	RITS 3.6.3	Nil - Visual Check	Each pole	M	IBEX / PE
3.1.3	Pole Installation Positions	Poles within following tolerances: - +/- 0.5m parallel to the carriageway - +/- 0.2m perpendicular to the carriageway - +/- 0.2m vertically 	Design Drawings	As-builts	Each pole	H	PE
3.2 Cabling, Electrical Testing and Commissioning							
3.2.1	Earth Wiring	Photos of streetlight earth once completed.	BBO Request	Photograph	Each earth	M	IBEX / PE
3.2.2	Electrical Certification	Completed and signed certificate of electrical compliance (COC) and record of inspection (ROI). Confirm that poles are: - Earthed to AS/NZS 3000:2018 - Wired to AS/NZS 3000 and AS/NZS 3008:1.2 - Conforming to the NZ Electrical (Safety) Regulations	Design Drawings	Certificate	Each pole	H	IBEX
3.2.3	Network Company Acceptance	Written acceptance of all underground cabling and circuitry, including acceptance of assumed responsibility for future maintenance and renewal.	RITS 3.6.8	Written Correspondance/ Acceptance	Once prior to comissioning	H	WEL
SECTION 4 – POST CONSTRUCTION (FINAL INSPECTION AND HANDOVER)							
4.1 General							
4.1.1	Survey As-Builts	Asbuilts reviewed and submitted showing final location of all poles	Project Specification	Survey Data As Built Drawings Photographs Red Pen As-Builts including Undercuts	Post Works Completion	H	PE