



The following information has been collected from pre-construction information and the telent CDM hazard management process.

- Hazards**
1. Low Voltage cables within the vicinity of works
  2. Gas within the vicinity of works
  3. Water within the vicinity of works
  4. Telecoms within the vicinity of works
- Statutory undertaker information provided by customer. All other information has been produced from site survey. Up to date service plans to be provided within 3 months of construction start date.

- CIVILS KEY:**
- NAL STAKKAbOX Chamber 600mm x 600mm.
  - NAL STAKKAbOX Chamber 450mm x 450mm.
  - NAL STAKKAbOX Chamber 300mm x 450mm.
  - NAL Pole Retention Socket RS115 (Duck-Foot Bend).
  - NAL Carriageway Loop Box with 50mm Connecting Duct.
  - x — New 100mm Orange Traffic Signals Duct (No. as indicated).
  - x — New 50mm Orange Traffic Signals Duct (No. as indicated).
  - 50mm Black Duct for Electrical Feed.
  - New 400mm x 400mm Tactile Paving (Red in colour).
  - New Kerbing.
  - Existing Kerbing.
  - Area to be Resurfaced to Carriageway Level.
  - Footway Resurfacing.

- Notes:**
1. All ducting shall be polypropylene, orange in colour, smooth bore with 'Traffic Signals' imprinted on the duct. Draw cords shall be included in all ducts.
  2. All duct chambers are to have a grade B composite lid with steel frames and will have 150mm concrete bed and surround.
  3. Ducting from RS115 NAL units to adjacent chamber are to be 1x100mm unless indicated otherwise. All other runs shall be as indicated by number.
  4. This drawing is to be read in conjunction with the entire design package including the following drawings/documents:  
 396986-DD-ISS01-REV00-TS01  
 396986-DD-ISS01-REV00-TS02  
 396986-DD-ISS01-REV00-CV01  
 396986-DD-ISS01-REV00-SC01  
 396986-DD-ISS01-REV00-FM01  
 TOPAS 2500 Traffic Signal Controller Specification  
 Appendix 1 Specification

**DETAILED DESIGN**

Iss	Rev	Date	Description	By	Chk	App
01	02	01/04/26	Changes made as per SMBC comments	KSC	PJS	PJS
01	01	30/03/26	Changes made as per SMBC comments	KSC	JWW	PJS
01	00	22/01/26	First Issue	KSC	DWK	PJS

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<https://what3words.com/allen.solar.view>

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Drawing No: 396986-C1145-DD | Iss: 01 | Rev: 00 | CV01  
Original Size: A1