



REV: -

8/16/70_104

drawing number

REVISIONS

no.	date	By	Checked	details
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NOTES

no.	details
1.	All white lining to be laid in accordance with "The Traffic Signs Regulations and General Direction 2016".
2.	All equipment and installation are to be in accordance with the Appendix 12/5 Torbay Council (TC) Traffic Signal Installation Standards.
3.	All proposed road crossing chambers and controller inspection chamber to have composite anti slip covers.
4.	All proposed ducting under the footway should have at least 450mm of cover. All proposed ducting under the carriageway or vehicle access should have at least 750mm cover.
5.	All proposed duct runs shall be straight from one access chamber to another. Ducts shall not be bent around other existing services. All duct shall be orange, 100mm in diameter, high density, smooth walled inside.
6.	4 no. of 100mm diameter ducts shall be laid between the controller inspection chamber and the controller cabinet base.
7.	NAL controller cabinet base will be installed. Base type will depend on the controller manufacturer. This must be agreed with Torbay Council.
8.	All new duct chambers to be NAL stalka type.
9.	1 no. of 50mm diameter orange duct (smooth bore) to be laid between the controller and electric feeder pillar. The cable should be identified as LV.
10.	1 no. of 50mm diameter duct (smooth bore) to be used at loop positions where under kerb ducts are used.
11.	Signal heads located on poles at 500mm from carriageway will need to be side mounted or extension brackets will need to be installed to gain minimum clearance (or poles rotated 45deg).
12.	Hard standing area to be built around the controller and the electric feeder.
13.	The signal contractor will allow for up to six configuration changes post site commissioning as requested by Torbay Council's signal engineer or representative.
14.	The signal contractor is required to disconnect the communications link from Shipway Lane, retain and reconnect in the new controller cabinet. Should the existing cable be too short, then it should be terminated into a communication pillar with a new cable installed between the pillar and the controller cabinet.
15.	The signal contractor is required to remove the existing UTC UG405 O.T.U. which is to be retained for maintenance purposes.
16.	The signal contractor is required to provide a new Stratos outstation, integral or standalone, depending on controller manufacturer, including relevant licences.
17.	The signal contractor is required to provide, install and configure a new Westermo BRD 355 ADS route in the new cabinet.
18.	The signal contractor should arrange for the latest MOVA licence for the hardware platform.
19.	All proposed poles to be installed into a NAL RS115DF to suit 740mm planting depth with manufacturers pole restraint system fitted and waterproof grommets at the pole/socket interface.
20.	The lowest part of any signal head assembly including brackets to have a minimum clearance above the finished ground level of 2.4m.
21.	Neatness indicators and push button control units in main footways are to be positioned at 25-30% to the kerb face; unless otherwise agreed with Torbay Council's signal engineer.
22.	Where two signal heads (twin) are positioned adjacent to each other on the same signal pole Contractor shall ensure the structural stability of signal pole.
23.	All crossings to be installed in accordance with BVR 165. All existing drop kerbing and verges should be fully reinstated. Any obstructions to new crossing positions should be removed.
24.	The locations/sizes of all proposed loops are indicative and must be placed on site by a suitably trained engineer and shall be sited under the instruction of the Torbay Council Traffic Signals engineer.
25.	Final equipment positions to be agreed on site with the Torbay Council Traffic Signals engineer.
26.	The setting of the green arrow aspect angles must be confirmed onsite with the Torbay Council Traffic Signals engineer.
27.	This drawing to be read in conjunction with Risk Assessment and Technical Proposal of the scheme.
28.	Loops must not be closer than 1.0m to carriageway ironwork.

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NORTH

drawn

RJW

checked

NW

scale(s)

1:200 @ A1

date

20/10/2021

TOR HILL HOUSE TORQUAY, TQ2 5QW

TEL. 01803 208973 ; FAX. 01803 208976

TORBAY COUNCIL

SCHEME TITLE

TORRE STATION TRAFFIC SIGNALS UPGRADE

DRAWING TITLE

Proposed Duct Runs and Draw Pits

Purpose

FOR TENDER

drawing number

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