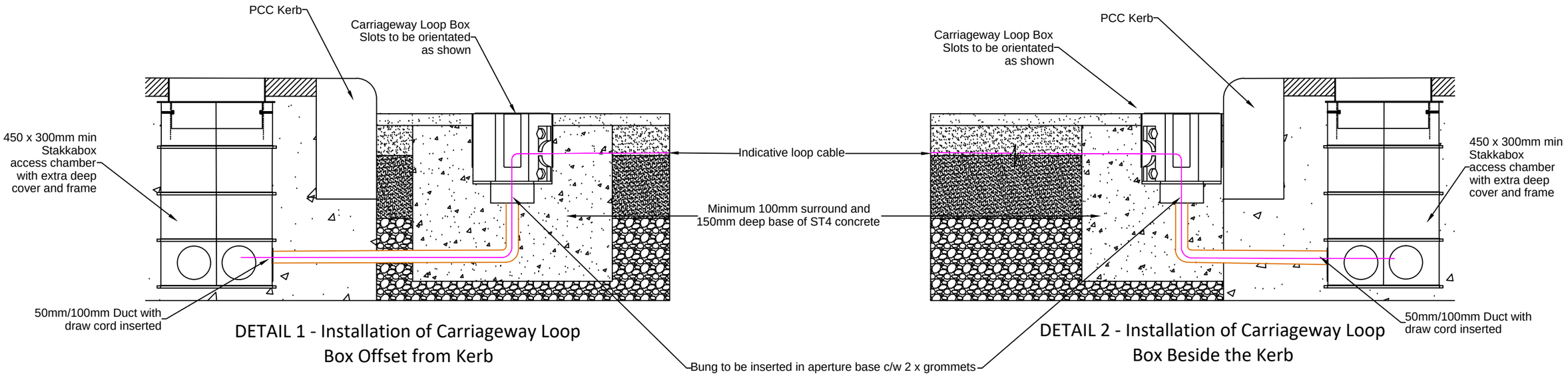
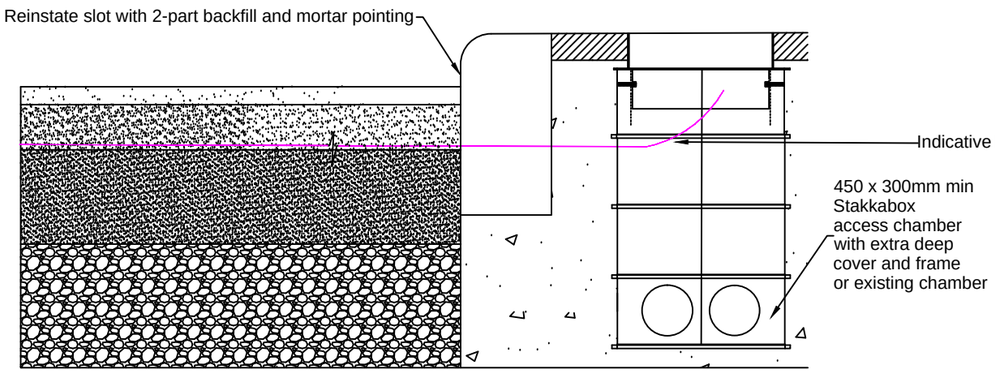
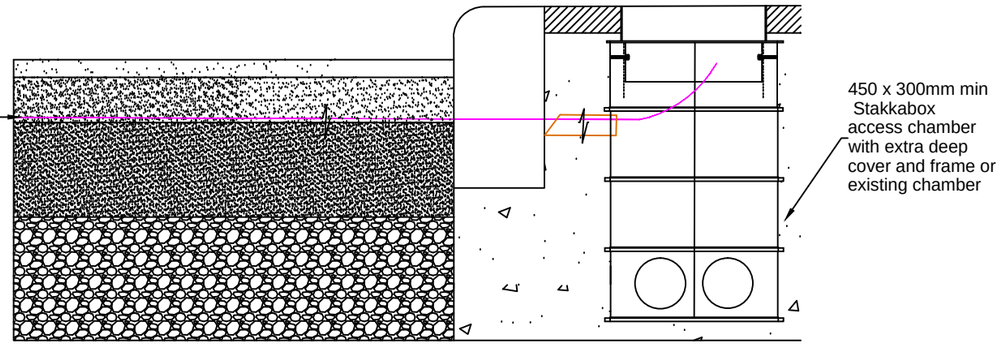


DETAIL 1 - Installation of Carriageway Loop Box Offset from Kerb

DETAIL 2 - Installation of Carriageway Loop Box Beside the Kerb



DETAIL 3 - Slot Cut Direct Through Kerb Joint Into Footway Box



DETAIL 4 - Slot Cut Direct Through Kerb Joint via 50mm Duct into Footway Box

CARRIAGEWAY LOOP CHAMBER

1. Carriageway loop box must be constructed in ductile iron to BS2789.

2. Loop box must be suitable for carriageway installations with an EN124 D400 40tonne load certified single cover.

3. Loop box must be supplied with minimum 4no entry points for loop cables.

4. All cable entry slots must be sealed when not in use by blanking plates. Base entry spigot must be sealed with plastic plug or similar at all times.

5. All loop boxes must be supplied with positive base entry connections for 100mm and 50mm ducting.

6. Loop boxes must be octagonal in shape to enable core drilling installation.

7. Loop boxes must be provided with a base sealing plug which allows the loop cables to pass through it c/w 2x rubber 6mm bungs.

GENERAL NOTES

1. The installation method shown in DETAIL 1 or 2 shall be used for all new or major refurbishment works.

2. The installation method shown in DETAIL 3 or 4 may be used for re-cutting or minor works with the prior approval of GCC.

3. Where slot cutting into footway surface is greater than 150mm, a 50mm duct connection shall be installed between any existing or new footway chamber.

4.Use of DETAIL 1 or 2 shall be specific depending on carriageway channel and surface details and shall be specified in scheme drawings or specifications.

Gloucestershire COUNTY COUNCIL

GCC - STANDARD DRAWINGS

SERIES 1200
INDUCTANCE LOOP TO FOOTWAY BOX CONNECTION DETAILS

Rev	By	Chkd	Apprvd	Date	Description
A	SW	DWW	DWW	02.06.20	MINOR AMENDS TO NOTES

Drawn by:	DWW	Date:1.2.2017
Checked by:	SW	Date:1.2.2017
Approved by:	PC	Date:1.2.2017
Drawing No.	GCC-SD-005	
Drawing Scale:	NTS	