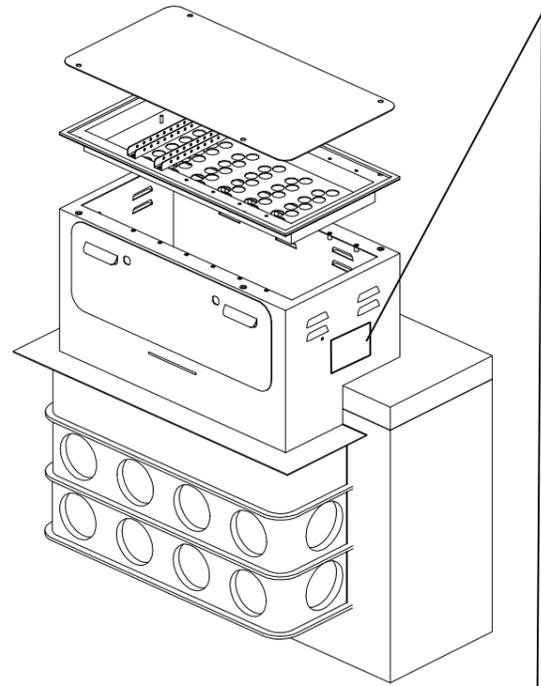
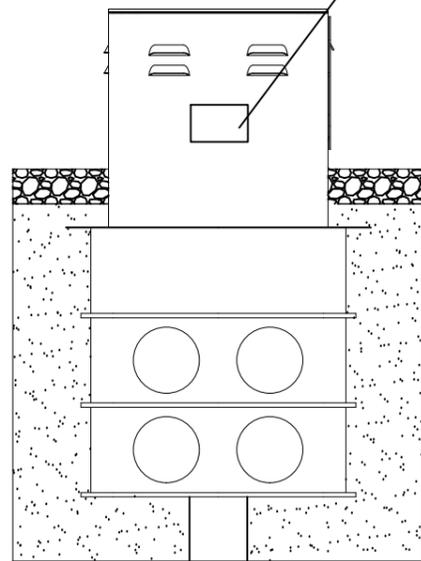
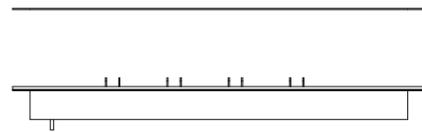
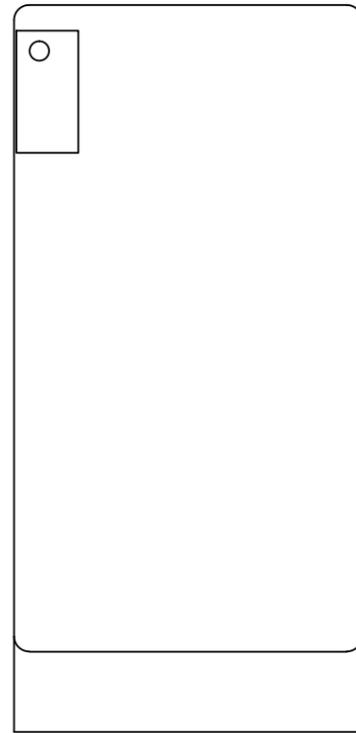
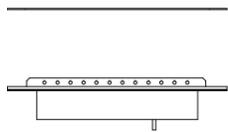


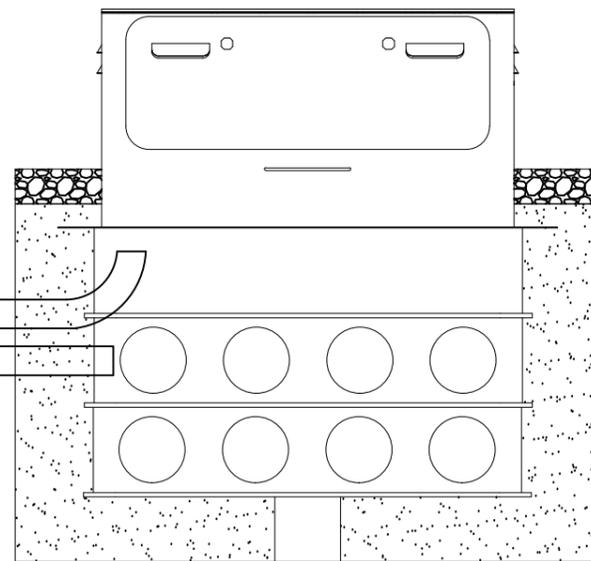
BT/Comms Enclosure



NAL BASE OPTION



BT DUCT
POWER SUPPLY DUCT

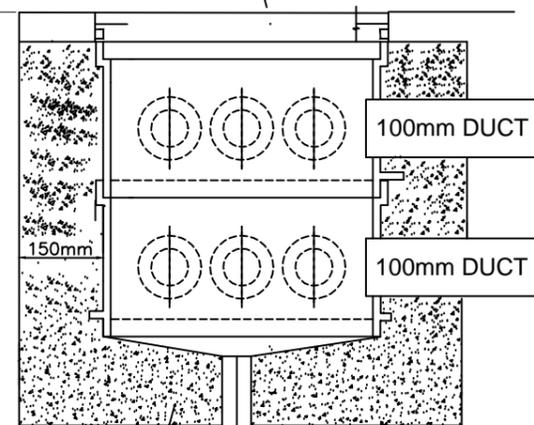


COMPOSITE NON-SLIP COVER

100mm DUCT
100mm DUCT
100mm DUCT

DETAIL VARIES
(see scheme details)

CONCRETE ST2
WHERE SPECIFIED



450mm or 600mm (see scheme details)

DETAIL VARIES
(see scheme details)

10. Access chamber external walls shall be free from moulding voids that will negatively impact the effectiveness of compaction which should be in accordance with the New Roads and Street Works Act.
11. Access chambers must have a min of 24nr 100mm duct entry points. These must be supplied with removable caps.
12. Access chambers must not be jointed in the corner or require mechanical fixing to achieve strength.
13. Access chambers must have the ability to be reduced to 200mm or extended in depth on site easily to overcome shallow structures and/or existing services.
14. Access chamber sections must be capable of being cut laterally to allow for transitional gradient installations.
15. Cabinet plinths and foundation systems are to be supplied to the above specification by NAL Ltd or any equally approved manufacturer.

NOTES

1. Cabinet plinth shall enable the installation of any Traffic Signal Controller Case without the requirement for base seal.
2. Cabinet plinth shall have a minimum of 56nr sealing grommets with the ability to seal cables with an outside diameter of 5mm to 26mm diameter.
3. Cabinet plinth shall be manufactured from 2mm utility grade 1.4003 Stainless steel polyester powder coated to match controller cabinets.
4. Cabinet plinth to be manufactured with a minimum 12 louvre air vents with perforated steel mesh fixed internally. All components must be linked with 6mm earth cables.
5. Both plinth and cable gland tray to be manufactured with pre-drilled fixing points for cabinet, castellation bars and earth points to suit all UK Traffic signal controller cabinets, with BT access enclosure.
6. Access chamber beneath plinth must be of twin wall construction which has been vertically load tested to EN124 D400 (40 tonnes)
7. Access chambers must be manufactured from thermoplastic material which is both recycled and recyclable at the end of its product life.
8. Access chambers shall be twin wall with an external rib of width no greater than 15mm, positioned at the bottom of each section, to allow full section depth compaction.
9. The access chamber, frame and cover shall have a loading class as detailed in the works specification.

GCC - STANDARD DRAWINGS

SERIES 1200
NAL CONTROLLER BASE INSTALLATION

Rev	By	Chkd	Apprd	Date	Description
					FIRST ISSUE

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-002		
Drawing Scale:	NTS		

