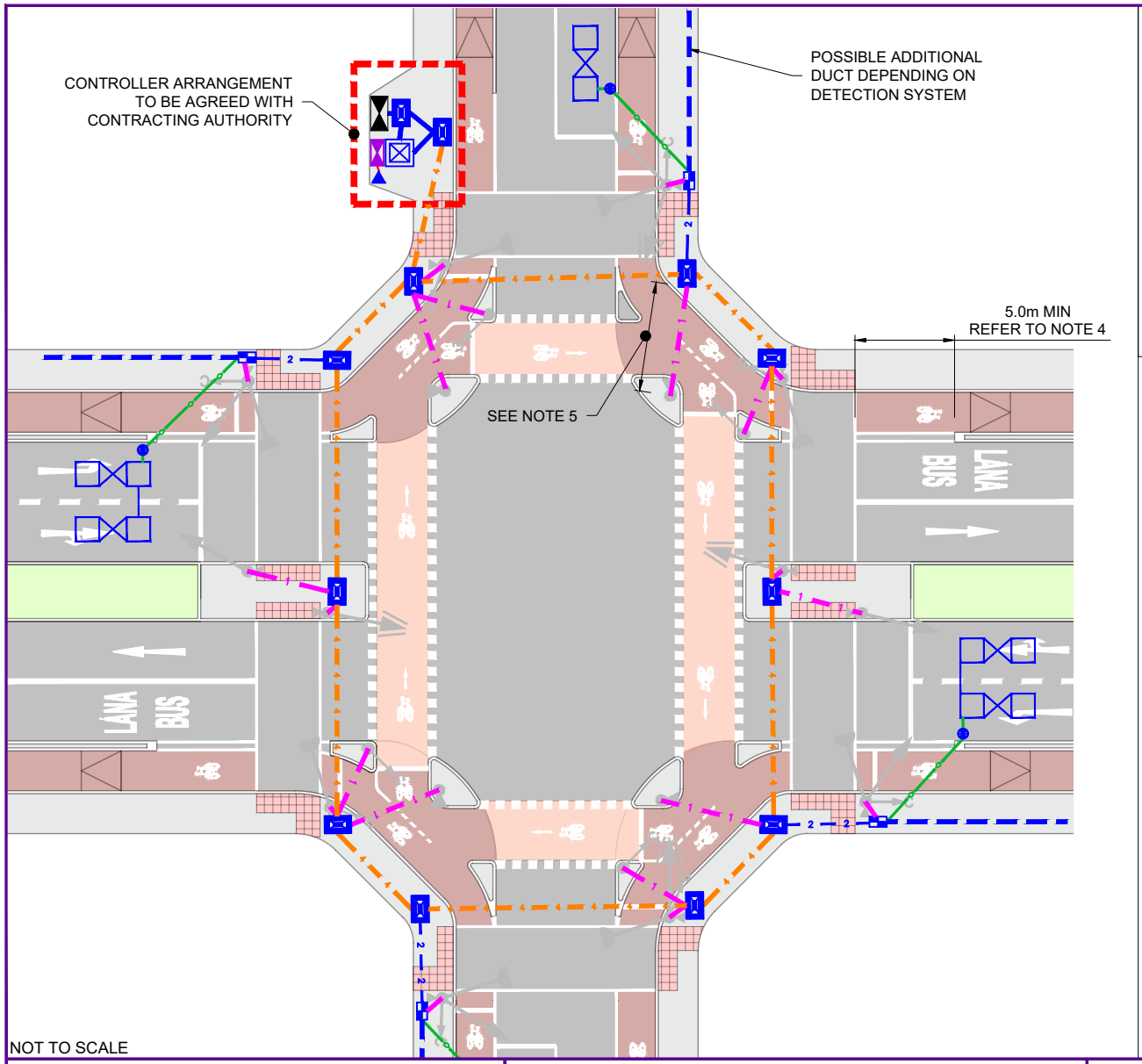

NOT TO SCALE

SIGNAL CONTROLLER CABINET
FIBER KIOSK
JB4 CHAMBER
JB4A CHAMBER
JB2 CHAMBER
MINI PILLAR (POWER SUPPLY)
INDICATIVE INDUCTION LOOP
LOOP BOX
1 x 110mm DUCT
2 x 110mm DUCT
4x110mm DUCT
1x50mm DUCT
1 x 110mm POWER SUPPLY DUCTS
TRAFFIC SIGNAL POLE AND SIGNAL HEAD
PEDESTRIAN AND CYCLE PUSH BUTTON UNIT

NOTES:

1. FOR TYPICAL CHAMBER DETAILS REFER TO NTA-TCD-0500-005.
2. FOR TYPICAL DUCT DETAILS REFER TO NTA-TCD-0500-006.
3. FOR FURTHER DETAILS ON TRAFFIC SIGNALS REFER TO SERIES NTA-TCD-1200.
4. CYCLE TRACK SEGREGATION KERBS LESS THAN 500mm IN WIDTH SHALL TERMINATE 5.0m FROM A PEDESTRIAN CROSSING.
5. ADDITIONAL CHAMBER TO BE PROVIDED WHERE A SINGLE DUCT (1-WAY DUCT ONLY) LENGTH IS GREATER THAN 7.0m.
6. ALL CHAMBER COVERS PROVIDED SHOULD BE LABELED AS "TRAFFIC".
7. ALL CHAMBER COVERS AND FRAMES TO COMPLY WITH IS EN 124 AND SHOULD BE MINIMUM GRADE D400 IN CARRIAGEWAY (INCLUDING AREAS OF FOOTWAY / VERGE WITH POTENTIAL FOR VEHICLE OVERRUN) AND B125 IN VERGE / FOOTWAY, UNLESS OTHERWISE AGREED WITH THE CONTRACTING AUTHORITY.
8. WHERE POSSIBLE, CHAMBERS TO BE LOCATED OUTSIDE TACTILE PAVING ZONES. WHERE UNAVOIDABLE CONSIDER THE USE OF INSET CHAMBER COVERS OR SURFACE MOUNTED (STICK-ON) TACTILE PAVING.
9. FOR DESIGN GUIDANCE ON PROTECTED JUNCTIONS - FULL SIGNAL CONTROL LAYOUT REFER TO TL503 IN THE CYCLE DESIGN MANUAL
10. FINAL CHAMBER AND DUCT ARRANGEMENTS TO BE AGREED WITH THE CONTRACTING AUTHORITY.
11. FINAL CYCLE SIGNAL HEAD LOCATION TO BE AGREED WITH THE CONTRACTING AUTHORITY.
12. CYCLE DETECTION ARRANGEMENT TO BE AGREED WITH THE CONTRACTING AUTHORITY.

An Roinn Iompair
Department of Transport

NTA
Údarás Náisiúnta Iompair
National Transport Authority

TYPICAL CONSTRUCTION DETAILS

Series:

NTA-500: DRAINAGE AND DUCTS

Date	Issue
JAN'26	01

Title

DUCTING ARRANGEMENT (PROTECTED JUNCTION - FULL SIGNAL CONTROL)

Drawing File Number

NTA-TCD-0500-009