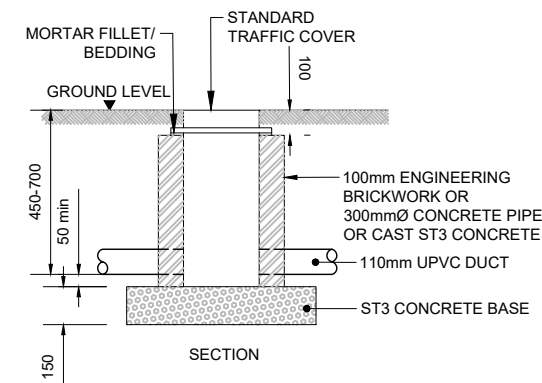
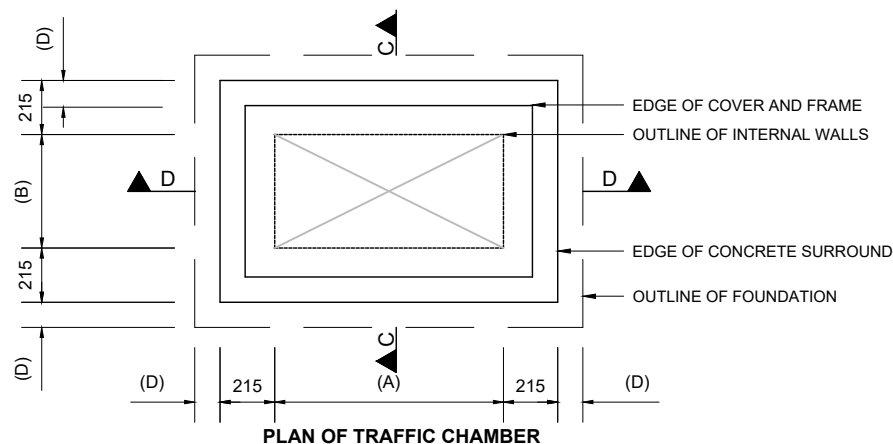
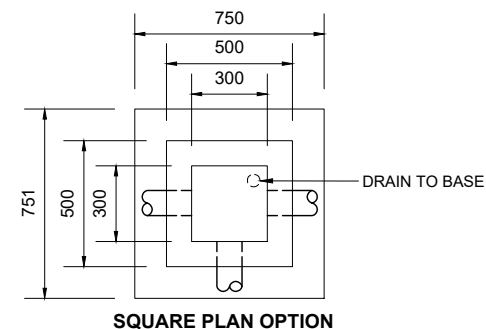


JUNCTION BOX / CHAMBER	DIMENSIONS (mm)			
	A	B	C	D
JB1	385	260	500-700	50
JB2	730	260	500-800	50
JB4	915	445	500-1100	100
JB4A	975	915	500-1100	100
JB5	615	616	500-1100	100
JB6	1310	616	500-1100	100
PL	600	600	500-800	50
CATV 2	550	310	500-1000	60

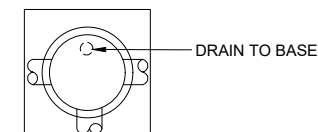
**DUCTING CHAMBER DIMENSIONS**



**LOOP (INDUCTIVE) ALL PURPOSE ROADS SIGNAL DUCT BOX DETAILS (NTS)**



**SQUARE PLAN OPTION**





**CIRCULAR PLAN OPTION**

**NOTES:**

1. PRECAST CHAMBERS TO IS EN 1917, IN-SITU CONCRETE CHAMBERS AND PROPRIETARY POLYPROPYLENE CHAMBERS ARE ALSO PERMITTED. CHAMBER CONSTRUCTION TO BE AGREED WITH THE CONTRACTING AUTHORITY.
2. FOR TYPICAL DUCT DETAILS REFER TO NTA-TCD-0500-006.
3. CHAMBERS TO BE SIZED APPROPRIATELY TO ACCOMMODATE THE NUMBER OF DUCTS SPECIFIED IN THE TRAFFIC SIGNAL NETWORK.
4. ALL CONCRETE TO COMPLY WITH IS EN 206.
5. MORTAR TO BE 1:3 CEMENT/SAND MIX AND ALL MORTAR JOINTS TO BE 8mm TO 15mm THICK.
6. ALLOW 3 DAYS FOR BLOCKWORK MORTAR TO CURE BEFORE BACKFILLING VOIDS WITH ST2 CONCRETE OR UGM A SUBBASE.
7. WHERE A SUMP IS REQUIRED, THE SUMP SHOULD BE DISH FORMED AND NOT EXTEND THROUGH PLINTH.
8. POSITION OF CABLE BEARER BRACKETS AND SUMP TO BE DECIDED ON SITE.
9. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.

NOT TO SCALE

 <div>An Roinn Iompair Department of Transport</div> 	TYPICAL CONSTRUCTION DETAILS		Date	Issue	Title	Drawing File Number
			JAN'26	01		
Series:		TYPICAL DETAILS FOR TRAFFIC SIGNAL CHAMBERS				NTA-TCD-0500-005
NTA-500: DRAINAGE AND DUCTS						