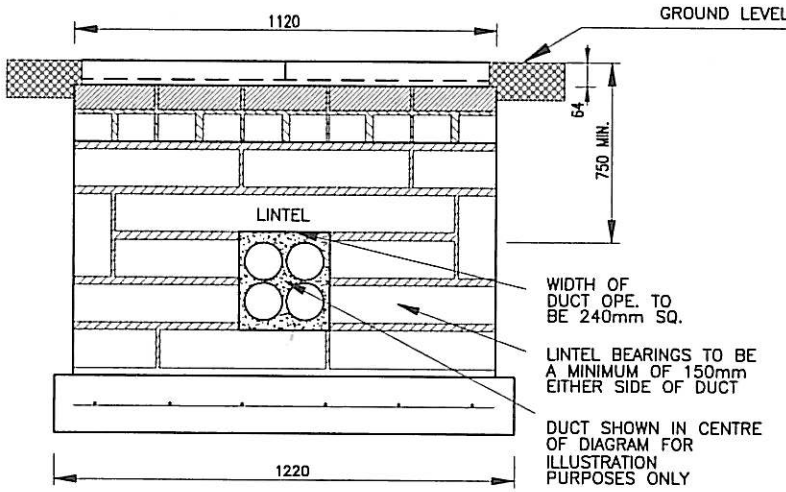
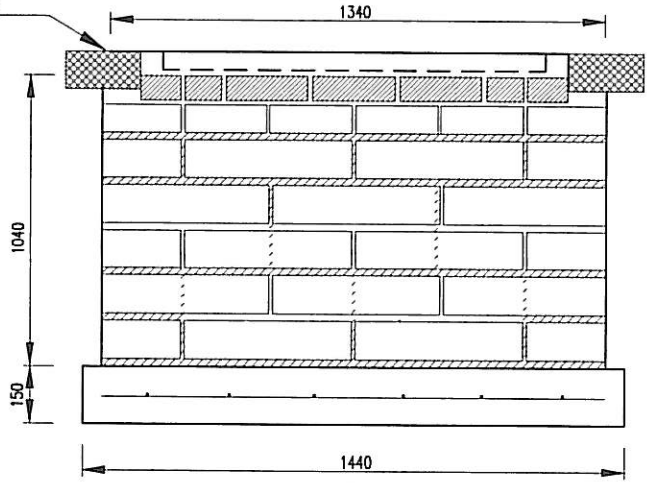
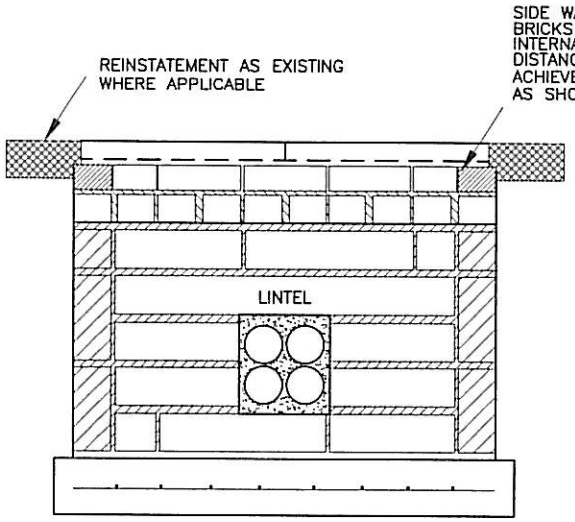


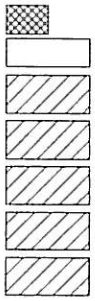
END ELEVATION



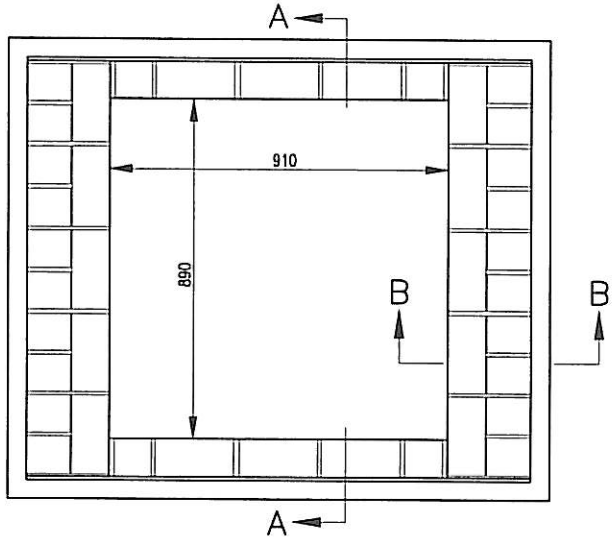
SIDE ELEVATION



SECTION A–A



DETAIL B–B



PLAN

NOTES:

1. FOUNDATION PLINTH CONCRETE TO BE GRADE C35 WITH MIN. CEMENT CONTENT 290 kg/m^3. PLINTH TO FORM 1440X1220X150mm CHAMBER FLOOR REINFORCED WITH B785 MESH CENTRALLY PLACED.
2. CONCRETE MIX: 1 CEMENT/1 SAND/2 WASHED PEBBLE.
3. CHAMBER WALLS TO BE TYPE S10 BLOCKS, COLOURED RED WITH 10 N/mm^2 MINIMUM COMPRESSIVE STRENGTH AND CLASS B ENG. BRICK WITH 50 N/mm^2 MIN. COMPRESSIVE STRENGTH.
4. BLOCK AND BRICK LAYERS TO BE IN ACCORD. WITH DETAIL WITH 900X215X100mm REINFORCED CONCRETE LINTEL TO I.S. 240 ABOVE DUCT OPES. ALLOW 3 DAYS FOR BLOCKWORK MORTAR TO CURE BEFORE BACKFILLING VOIDS OUTSIDE BLOCKWORK WITH LEAN MIX CONCRETE OR SUBBASE TO CLAUSE 804 LAID IN 200mm THICK LAYERS EACH LAYER WELL CONSOLIDATED WITH A MECHANICAL COMPACTOR.
5. OPTIMUM POSITION OF DUCTS TO BE 115mm ABOVE FLOOR OF CHAMBER.
6. MORTAR TO BE 1:3 CEMENT/SAND MIX.
7. SIZE OF BLOCK = 440 X 215 X 100 mm
   SIZE OF ENG. BRICK = 215 X 100 X 65 mm
8. ALL JOINTS TO BE 8 TO 15 mm THICK.
9. COVER FRAME TO BE FULLY BEDDED ON MINIMUM OF 10 mm DESIGNATION 1 MORTAR.
10. POSITION OF CABLE BEARER BRACKETS AND SUMP TO BE DECIDED ON SITE WHERE REQUIRED.
11. WHERE SUMP IS INSTALLED IT SHOULD BE DISH FORMED AND NOT EXTEND THROUGH PLINTH.
12. LOCKABLE COVERS CAN ONLY BE REMOVED FROM LOCKED END. FRAMES MUST BE LAID TO ALLOW FOR EASY REMOVAL OF COVERS.

NATIONAL ROADS AUTHORITY	ROAD CONSTRUCTION DETAILS	DUCTS	Issue: P1	Date: 03/00	FOOTWAY/VERGE DRAW PIT	Drawing No. RCD/500/54