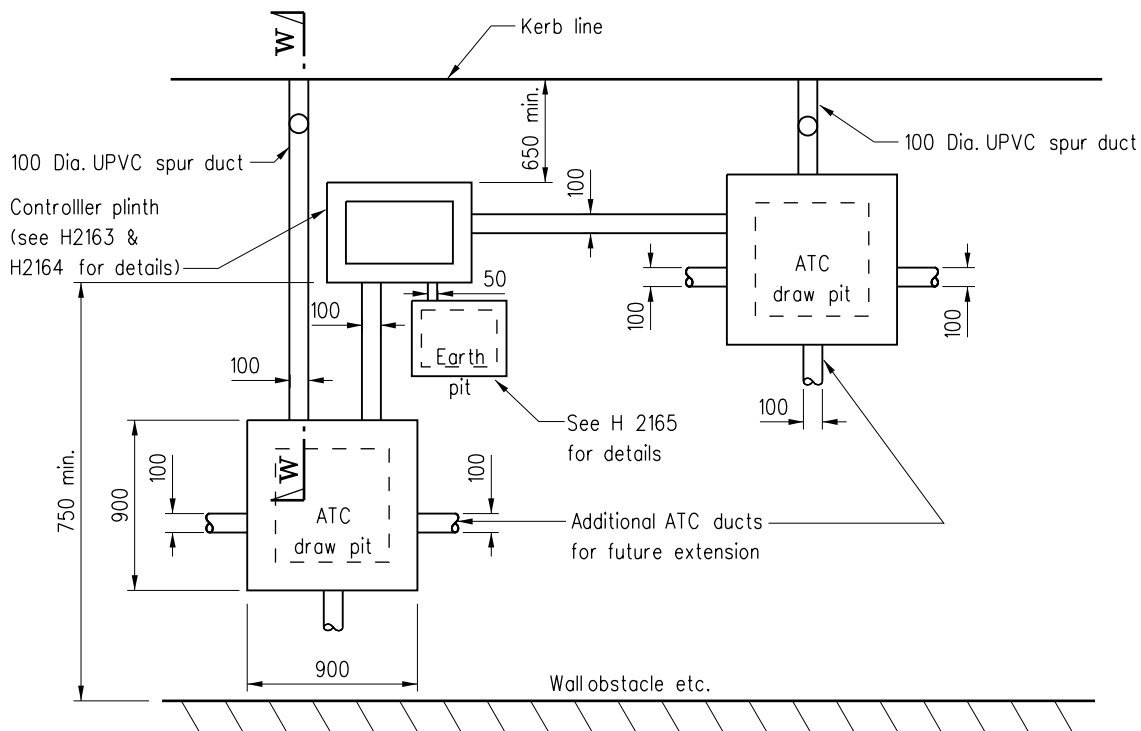


General notes :

1. All dimensions are in millimetres.
2. All concrete shall be grade 30/20 except where otherwise noted.
3. Exposed concrete surfaces inside chambers to be fairfaced.
4. All duct entries to be rounded and rendered in cement mortar.
5. All joints of pipes should be watertight. All joining materials and methods should be approved by the Engineer.
6. Cable ducts shall be sealed by using plugs for blank ducts and sealing material for ducts containing cables as shown on Drg. Nos. H 2243 to H 2245.
7. All pipes should be marked with letters 'ATC' at one metre intervals.
Height of letter: 40mm
Type of letter: transport medium, Drg. Nos. ATC/HK/38 & 39 refer
8. Material & workmanship of C.I. cover & frame:
In footway: grade B (medium duty) of B.S.497
In carriageway: grade 150 of B.S.1452
9. This drawpit is dedicated for accommodating data transmission cable and is therefore separated from all other systems.
10. At the presence of representative of Traffic Control Division a cylindrical brush connected to an end of a wooden mandrel shall be passed twice through each way of the duct between any two drawpits (the wooden test mandrel shall be 241 mm in length 89 mm in diameter and the cylindrical cleaning brush shall be 102 mm in diameter)
11. ATC ducts may be required in any wall face of drawpit.
12. Step irons staggered at 300mm c/c to be provided whenever the internal depth of drawpit exceeds 900mm. Horizontal distance between centre lines of the step is 300mm.
13. All steelwork (except stated otherwise and reinforcement in concrete) to be hot dip galvanised to BS EN ISO 1461:1999 after fabrication and welding.
14. Iron root to be collected by contractor from Engineer's depot.
15. Engraved letters and numerals:
Height : 50mm unless otherwise specified
Letter type : transport medium, Drg. Nos. ATC/HK/38 & 39 refer
16. For details of C.I. cover & frame, see Drg. No. H2162.
17. Refer to Drg. No. H2158 for Sec. W - W.
18. Engraved letters and numerals on concrete covers shall be produced with a preformed mould after initial set of the concrete. The engraved letters and numerals shall be neat and tidy. Hand writing is not acceptable.
19. Plastic plugs should be installed on key holes, with relevant details agreed by the Engineer.



TYPICAL PLAN

D	Note 16 updated and note 19 added	Original signed	May 16
C	Note 15 updated and note 18 added	-	Nov 12
B	Note 13 updated	-	Sep 07
A	Note 6 added and general revision.	-	Apr 05
	Former Drg. No. H2036/1A & 2A with general revision	-	Jun 94
REF.	REVISION	SIGNATURE	DATE

ATC DRAW PIT - NOTES

HIGHWAYS DEPARTMENT

REFERENCE
Drg. No. ACT/HK/60

DRAWING No.

CAD

SCALE
DIAGRAMMATIC

H 2157D