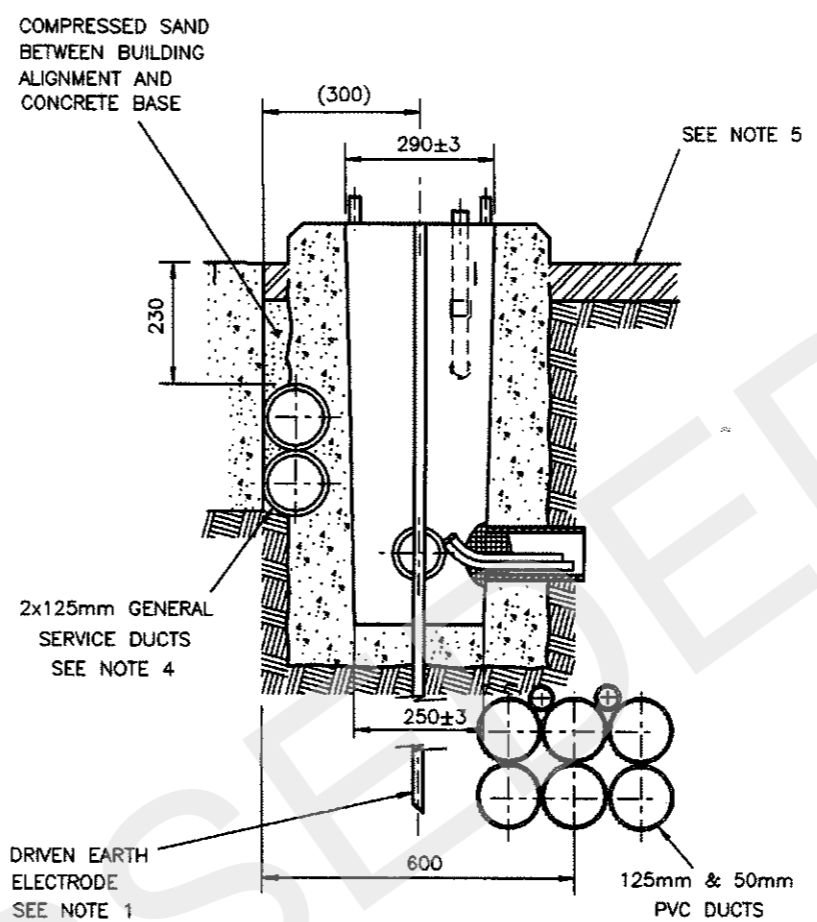
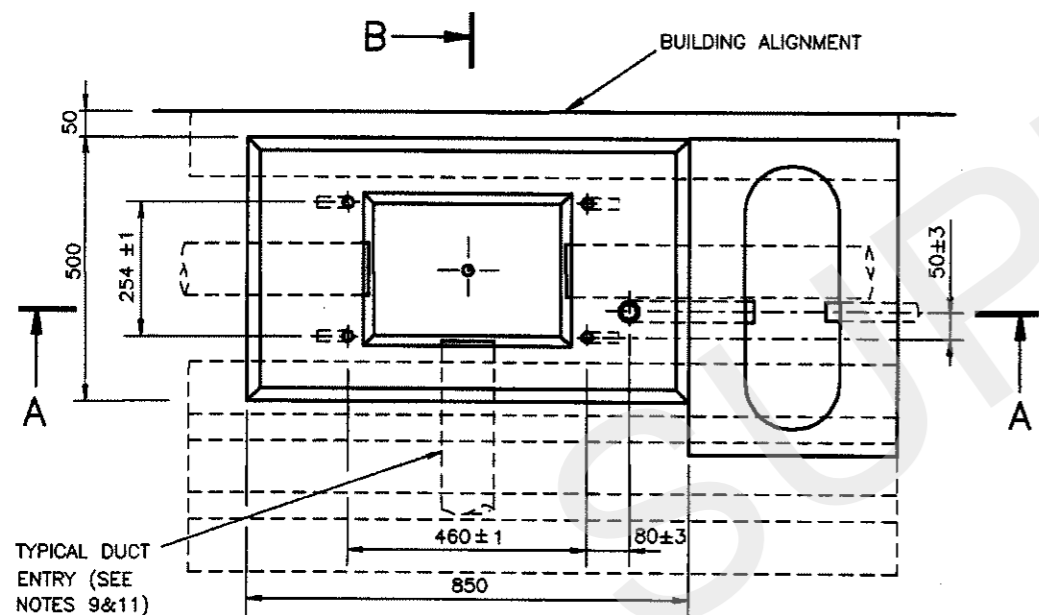


SECTION A-A

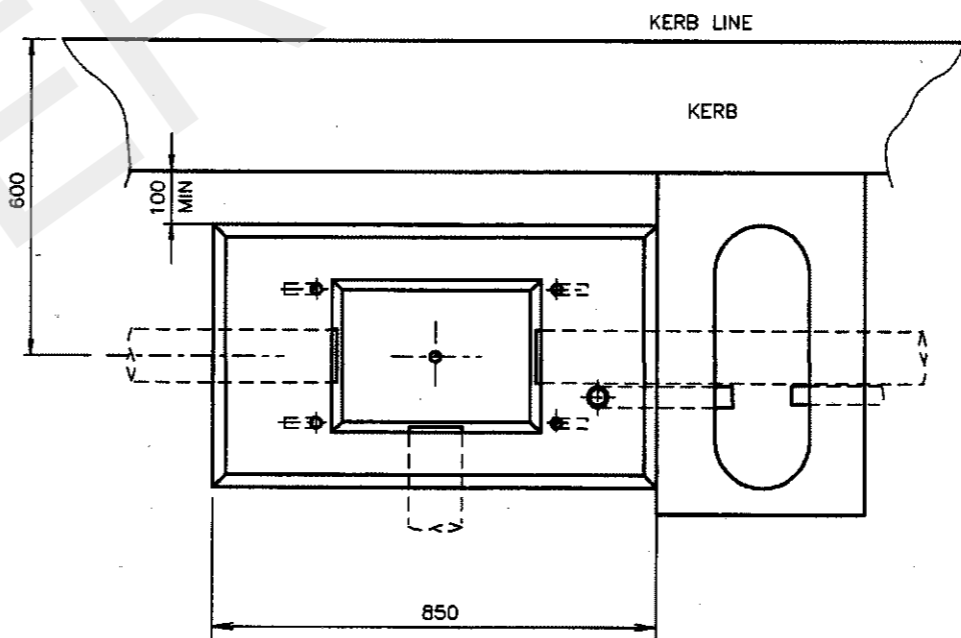


SECTION B-B



PLAN

DIMENSIONS IN MILLIMETRES



ALTERNATIVE POSITION AT KERB (WHERE STANDARD BUILDING ALIGNMENT POSITION IS NOT POSSIBLE)

NOTES

1. THE DRIVEN TYPE EARTH ELECTRODE SHALL HAVE A Ø13mm STEEL CORE WITH A NOMINAL 0.7mm THICK GRADE 316 STAINLESS STEEL CLADDING. THE EARTH ELECTRODE INCLUDING A BRASS EARTH CLAMP SHALL CONFORM WITH AND BE INSTALLED IN ACCORDANCE WITH AS 3000. THE TOP OF THE EARTH ELECTRODE SHALL BE APPROXIMATELY LEVEL WITH THE CONCRETE WITHOUT FOULING THE HOUSING FRAME OR EQUIPMENT. IF IT IS IMPRACTICAL TO INSTALL THE EARTH ELECTRODE IN THE HOUSING FOOTING, THE ELECTRODE SHALL BE INSTALLED IN A PJ BOX ADJACENT TO THE HOUSING FOOTING.
2. IN SPECIAL CIRCUMSTANCES IT MAY BE NECESSARY FOR THE CONCRETE FOUNDATION TO BE INSTALLED AT RIGHT ANGLES TO THE POSITION SHOWN.
3. IF THE HOUSING FOOTING ENCLOSES ON THE SUPPLY AUTHORITIES ELECTRICITY DISTRIBUTION AREA AS DEFINED IN THE ELECTRICITY ASSOCIATION OF NSW'S SERVICE AND INSTALLATION RULES (300mm TO 900mm FROM THE BUILDING ALIGNMENT), THEN SPARE DUCTS ARE TO BE INSTALLED AS PER THESE RULES. THE NUMBER OF DUCTS INSTALLED DEPEND ON LOCAL AUTHORITY REQUIREMENTS.
4. 2x125mm PVC PIPES TO BE INSTALLED AGAINST THE BUILDING ALIGNMENT FOR THE LENGTH OF THE CONTROLLER HOUSING FOOTING APRON.
5. IN UNSEALED FOOTWAYS A COURTESY APRON SHALL BE PROVIDED, CONSISTING OF CONCRETE 50mm THICK, EXTENDING 200mm AROUND THE FOOTING EXCEPT IN FRONT OF THE CONTROLLER DOOR(S) WHERE THE APRON SHALL EXTEND 600mm. ON THE JOINTING PIT SIDE IT SHALL EXTEND 400mm AND HAVE A THICKNESS OF 100mm AS SHOWN.
6. THE FOOT OF THE 'L' BOLT IS TO BE TURNED INTO THE BODY OF THE CONCRETE. FOR DETAILS SEE PLAN VC002-25.
7. A JOINTING PIT MANUFACTURED TO ACA TECHNICAL STANDARD 008 WITH CONCRETE APRON TO BE INSTALLED TO AUSTEL TECHNICAL STANDARD 009.
8. A Ø20 PVC CONDUIT, FIXED RIGIDLY INTO BELLMOUTH OF CONDUIT BEND, SHALL PROTRUDE ABOVE CONCRETE FOOTING SURFACE AS SHOWN TO FULLY ENGAGE THE CONDUIT FROM THE CONTROLLER HOUSING (REFER DRG VM621-6). CONDUIT AND BEND MUST COMPLY WITH ACA TECHNICAL STANDARD 008.
9. DUCTS MAY BE INSTALLED DIRECT INTO THE FOOTING OR THROUGH A SPIGOT WITH MORTAR GROUT SEAL. SPARE SPIGOTS (IF REQUIRED) TO BE SEALED OFF USING END CAPS OR SOFT SEALANT.
10. WHEN INSTALLING THE CONTROLLER, INSERT AN INSULATED DRAW-WIRE INTO THE TELECOMMUNICATIONS CABLE ENTRY AND TIE ONE END SECURELY TO THE HOOK IN THE LINK BOX.
11. THE POINT WHERE THE CABLES ENTER THE CONDUITS SHALL BE GAS TIGHT SEALED. THE SEALING MEDIUM SHALL NOT BE SUBJECT TO DECAY IN THE GROUND AND SHALL NOT IMPAIR THE QUALITIES OF THE CABLE OR THE CONDUIT. THE CONSISTENCY OF THE MATERIAL SHALL BE SUCH AS TO ENABLE IT TO BE REMOVED READILY WITHOUT RISK OF DAMAGE TO CABLE. MATERIALS TO BE USED ARE 'DENSO' OR 'CORROSEAL' OR AN APPROVED EQUIVALENT.
12. AS AN ALTERNATIVE TO THE FOOTING SHOWN ON THIS DRAWING, A PRECAST TOP AND HOLDING DOWN BOLT ASSEMBLY MAY BE USED. REFER TO RTA DRAWINGS VC002-55 AND VC002-56.
13. WHEN THE STANDARD BUILDING ALIGNMENT POSITION IS NOT AVAILABLE AND WHEN THE HOUSING CENTRE IS WITHIN 900mm FROM THE KERB LINE, FINISH THE FOOTING AND THE PIT WITH A 50mm THICK CONCRETE EXTENSION TO THE INSIDE KERB EDGE, MEETING THE KERB STONE WITH A MASTIC EXPANSION JOINT.
MASTIC EXPANSION JOINTS ARE ALSO TO BE BETWEEN THE CONCRETE TOP AND ANY OTHER CONCRETE SURFACE IN ANY HOUSING LOCATION.
14. TOLERANCE UNLESS OTHERWISE STATED: ±20mm.

'P' ISSUE 20-07-99 J/1 TC 2462 PLAN REDRAWN. NOTE 13, 14 ADDED. NOTES 3 AND 7 CLARIFIED. 'L' BOLT DIM 60 WAS 50. REF TO TELECOM REMOVED. BWT
'Q' ISSUE 24-5-2000 J/1 TC 3208 CONDUIT FROM JOINTING PIT TO TELECOM REMOVED. BWT

REFERENCE DRAWINGS	DRAWN L PINA 26-01-83
CONTROLLER FOOTING MOULD VM409-11	CHECKED RB 26-01-83
PRECAST FOOTING VC002-55	PASSED BWT 07-02-83
'L' BOLTS VC002-25	
	APPROVED
	F HULSCHER
	DATE 08-02-83

ROADS AND TRAFFIC AUTHORITY NSW
TRAFFIC SIGNALS
FOOTING FOR GROUND-MOUNTED CONTROLLER HOUSING

SHEET SIZE A2	FILE NO	SCALE 1:10	SHEET NO
SUPERSEDES ISSUE 0		ISSUE 1/q	
REG NO VC002-24			