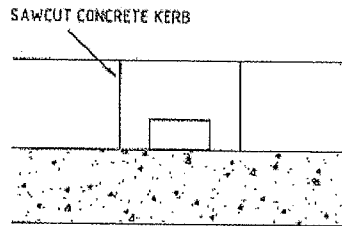
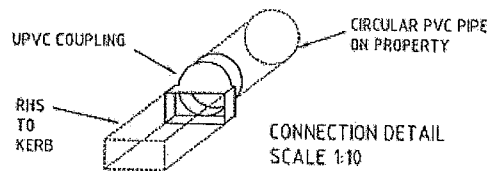


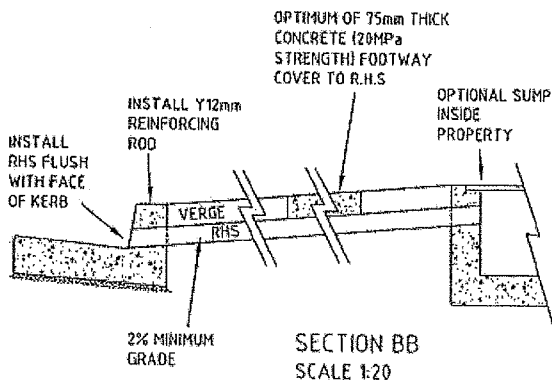
NOTES:
 1) RING TELSTRA FOR A CABLE LOCATION BEFORE EXCAVATION.
 2) RING COUNCIL FOR AN INSPECTION AFTER COMPLETION.

CIRCULAR PIPE SIZE ON THE PROPERTY	REQUIRED SECTION
UP TO ϕ 80mm	R.H.S. 100x50x2mm
ϕ 80 - 100mm	R.H.S. 125x75x2mm

IMPORTANT NOTE:
 IF STORMWATER HAS ORIGINATED FROM THE ROOF ONLY THE SUMP MAY BE OMITTED, AND THE CONNECTION OF THE PVC PIPE TO THE RHS TUBE WILL BE CONSTRUCTED AS SHOWN IN DETAIL BELOW.



SECTION AA
SCALE 1:10



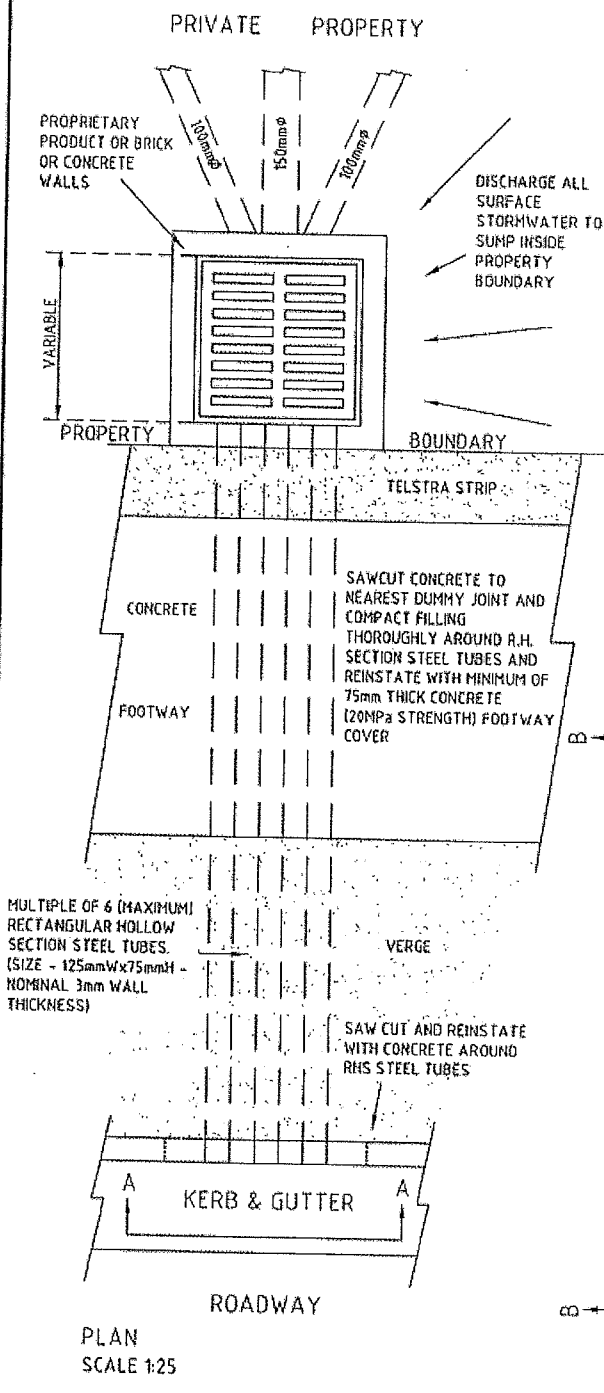
SECTION BB
SCALE 1:20

PROTECTION OF WORKS BY PRIVATE CONTRACTORS
 THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF THE EXCAVATION AND NEW WORK WITH BARRICADES, LIGHTING AND SIGNS AS MAY BE NECESSARY TO GUARD AGAINST ANY POSSIBILITY OF DANGER OR ACCIDENT TO VEHICLE AND PEDESTRIAN USERS OF THE PUBLIC ROAD AND FOOTWAY.



STANDARD RECTANGULAR STEEL SECTION (GALVANISED) STORMWATER DRAINAGE CONNECTION TO KERB AND GUTTER

SCALE:	AS SHOWN
DRAWN:	RBP 2/8/01
CHECKED:	AC 1/3/04
DRAWING NO.	8685-100-01
REV.	A



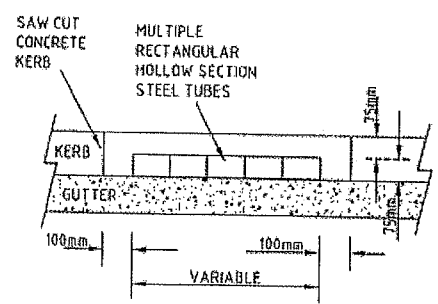
PLAN SCALE 1:25

NO FLUSH SURFACE MOUNTED BOX CHANNELS TO BE USED
 REFER TO TABLE BELOW FOR COMPARISON SURFACE AREA OF BOX CHANNEL AND CIRCULAR PIPE SIZES TO THE EQUIVALENT NUMBER OF 125mm x 75mm RECTANGULAR HOLLOW SECTION STEEL TUBES TO BE USED OVER THE FOOTWAY AREA.

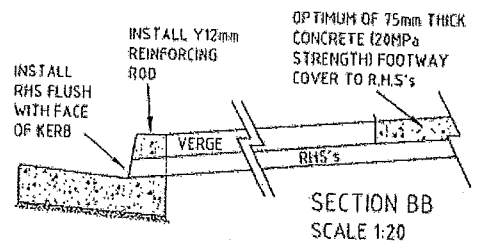
CIRCULAR PIPE SIZE	EQUIVALENT NUMBER OF 125mmW x 75mmH R.H.S. STEEL TUBES TO BE USED
100mm ϕ	1 RHS
150mm ϕ	2 RHS's
225mm ϕ	5 RHS's
300mm ϕ	8 RHS's - Refer to note below

300mm ϕ CIRCULAR PIPES MUST BE DISCHARGED INTO COUNCIL'S UNDERGROUND DRAIN WHERE POSSIBLE (COUNCIL APPROVAL REQUIRED) OR ALTERNATIVELY INSTALL TWO BANKS OF R.H.S. STEEL TUBES BROKEN UP INTO TWO SEPARATE RUNS OF 4 R.H.S.'s EACH.
 (Consult City Engineer's Dept. for Site Locations)

- NOTES TO ALL CONTRACTORS**
- 1) RING TELSTRA FOR A CABLE LOCATION BEFORE EXCAVATION.
 - 2) SURFACE STORMWATER IS NOT TO BE DISCHARGED OVER THE FOOTWAY OR THE VEHICULAR CROSSING PLACE.
 - 3) THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF THE EXCAVATION AND NEW WORK WITH BARRICADES, LIGHTING AND SIGNS AS MAY BE NECESSARY TO GUARD AGAINST ANY POSSIBILITY OF DANGER OR ACCIDENT TO PUBLIC ROAD AND FOOTWAY.
 - 4) RING COUNCIL'S ENGINEERING DEPARTMENT FOR AN INSPECTION AFTER COMPLETION.



SECTION AA SCALE 1:20

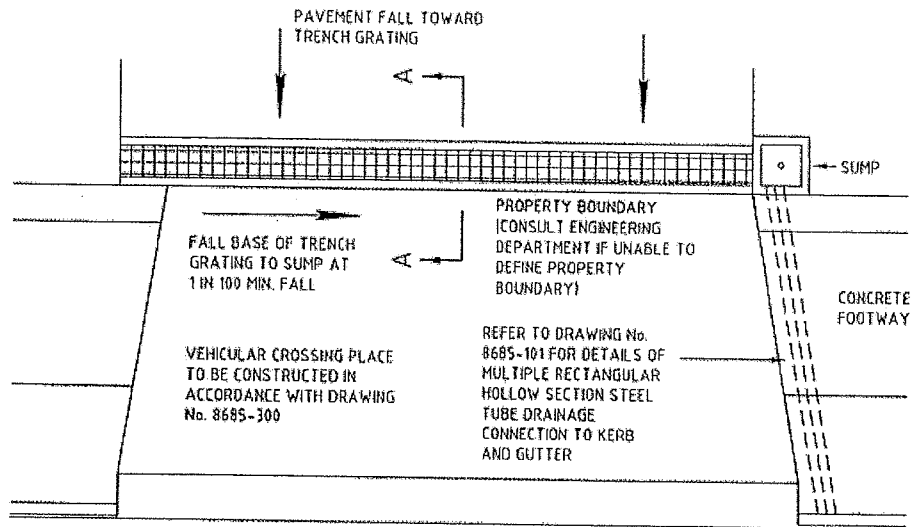


SECTION BB SCALE 1:20



MULTIPLE RECTANGULAR HOLLOW SECTION STEEL TUBE STORMWATER DRAINAGE CONNECTION TO KERB AND GUTTER

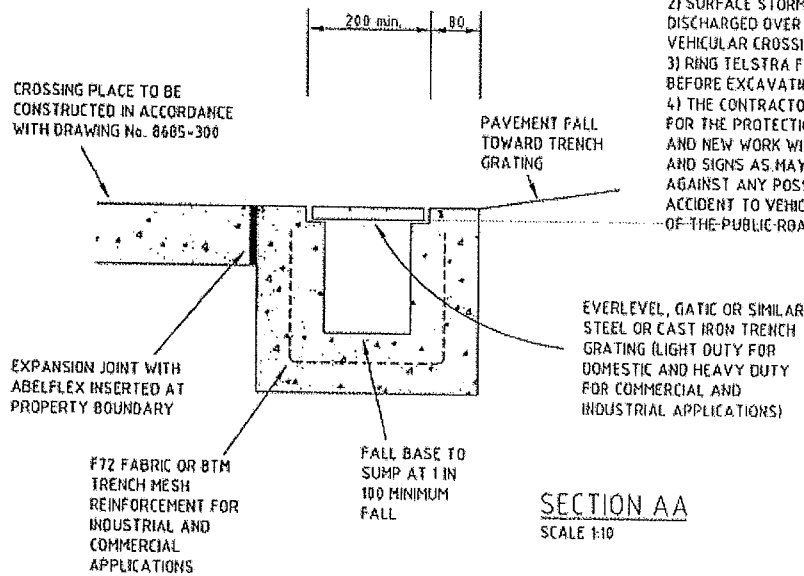
SCALE: AS SHOWN	
DRAWN: RBP 1/3/04	
CHECKED: AC 1/3/04	
DRAWING NO. 8685-101	REV. D



PLAN
SCALE 1:50

NOTES

- 1) TRENCH GRATING TO BE USED WHERE PAVEMENT WITHIN THE PROPERTY FALLS TOWARD THE VEHICULAR CROSSING PLACE.
- 2) SURFACE STORMWATER IS NOT TO BE DISCHARGED OVER THE FOOTWAY OR VEHICULAR CROSSING PLACE.
- 3) RING TELSTRA FOR A CABLE LOCATION BEFORE EXCAVATION ON COUNCIL VERGE.
- 4) THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF THE EXCAVATION AND NEW WORK WITH BARRICADES, LIGHTING AND SIGNS AS MAY BE NECESSARY TO GUARD AGAINST ANY POSSIBILITY OF DANGER OR ACCIDENT TO VEHICLE OR PEDESTRIAN USERS OF THE PUBLIC ROAD AND FOOTWAY.



SECTION AA
SCALE 1:10



STANDARD TRENCH GRATING DETAILS

SCALE:	AS SHOWN
DRAWN:	RBP 1/3/04
CHECKED:	AC 1/3/04
DRAWING NO.	REV.
8685-104	A