

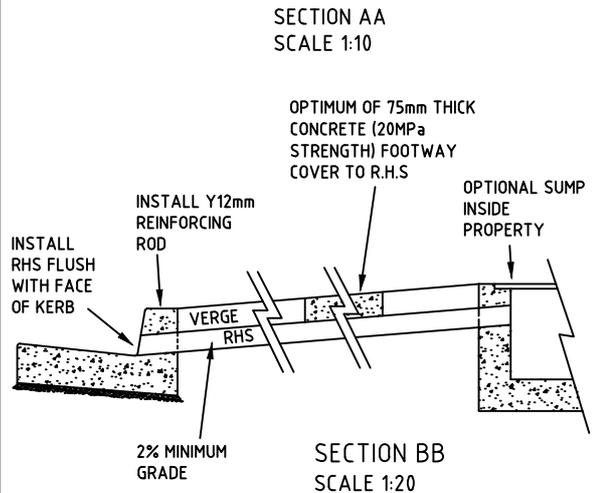
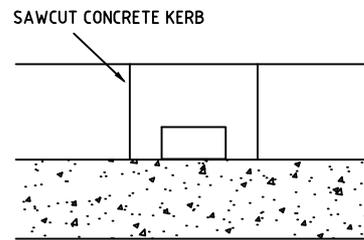
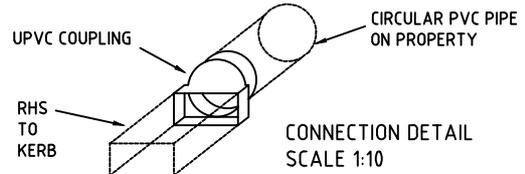
**NOTES:**

- 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 $\phi$ 80mm	R.H.S. 100x50x2mm
$\phi$ 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.



**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.

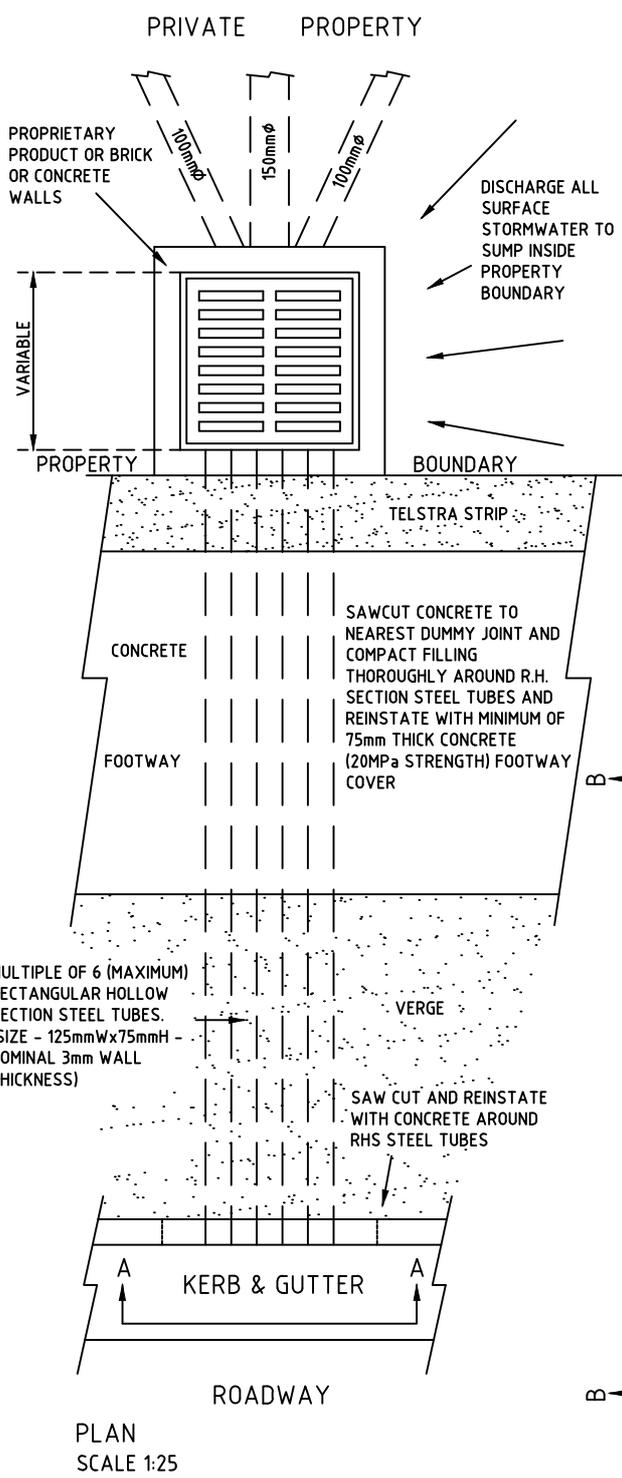
# RECTANGULAR STEEL SECTION (GALVANISED) STORMWATER DRAINAGE CONNECTION TO K & G

NOT TO SCALE

**STANDARD DETAIL**  
RECTANGULAR STEEL SECTION (GALVANISED)  
STORMWATER DRAINAGE CONNECTION TO K & G



Drawing No.	
1213-300	
Designer	MG
Date	SEP 12
Approved	AK
Revision	

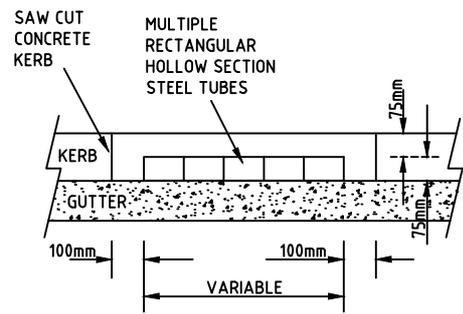


NO FLUSH SURFACE MOUNTED BOX CHANNELS TO BE USED REFER TO TABLE BELOW FOR COMPARISON SURFACE AREA OF BOX CHANNEL AND CIRCULAR PIPE SIZES TO THE EQUIVALENT NUMBER OF 125mm x 75mm RECTANGULAR HOLLOW SECTION STEEL TUBES TO BE USED OVER THE FOOTWAY AREA.

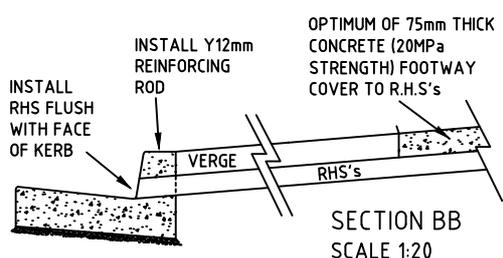
CIRCULAR PIPE SIZE	EQUIVALENT NUMBER OF 125mmW x 75mmH R.H.S. STEEL TUBES TO BE USED
100mm Ø	1 RHS
150mm Ø	2 RHS's
225mm Ø	5 RHS's
300mm Ø	8 RHS's - Refer to note below

300mm Ø 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 CROSSINGPLACE.
  - 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.



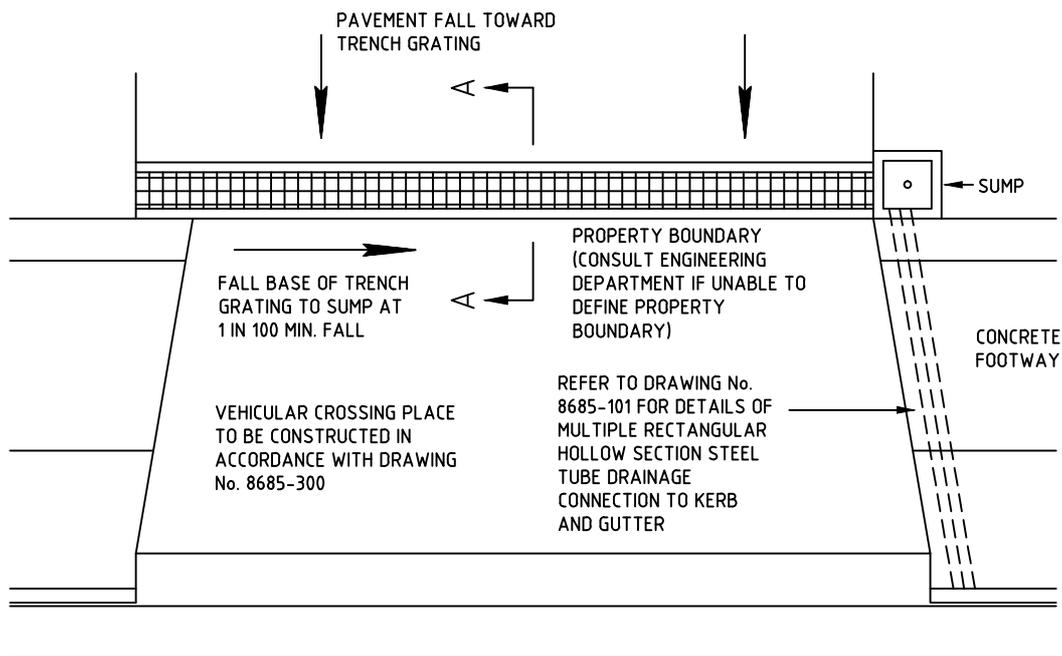
SECTION AA SCALE 1:20



# MULTIPLE RECTANGULAR HOLLOW SECTION STEEL TUBE STORMWATER DRAINAGE CONNECTION TO K & G

NOT TO SCALE

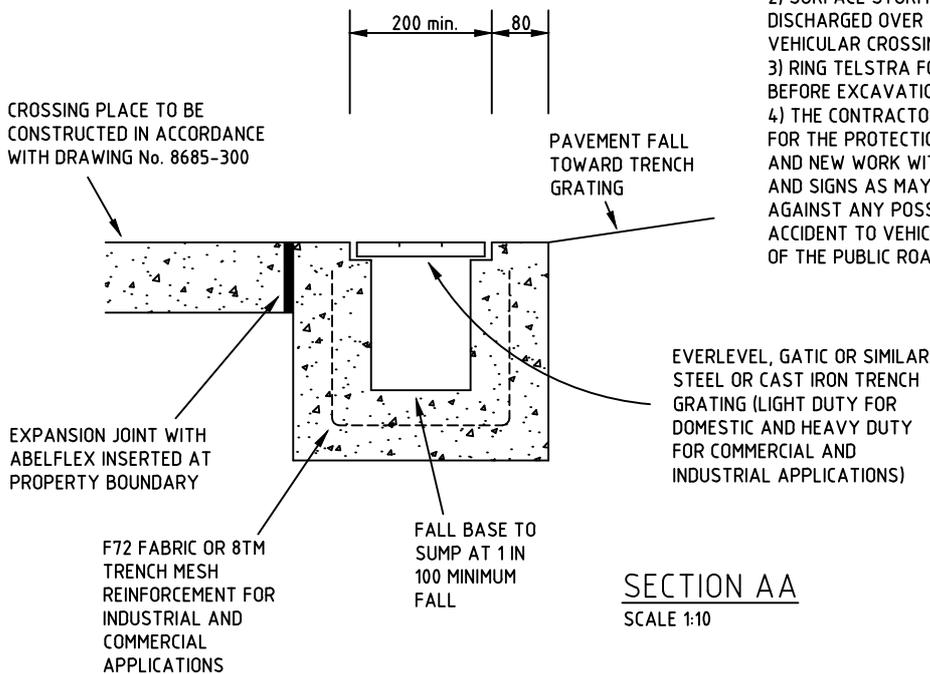
<h2>STANDARD DETAIL</h2> <p>MULTIPLE RECTANGULAR HOLLOW SECTION STEEL TUBE STORMWATER DRAINAGE CONNECTION TO K &amp; G</p>		Drawing No.	
		1213-301	
		Designer	MG
		Date	SEP 12
		Approved	AK
		Revision	



**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

**TRENCH GRATING**

NOT TO SCALE

**STANDARD DETAIL**  
**TRENCH GRATING**



Drawing No.

1213-302

Designer MS

Date SEP 12

Approved AK

Revision