



**DRAIN SECTION.**

SCALE 1 : 10

1. CONCRETE CUBE STRENGTH TO BE 25 MPa AT 28 DAYS
2. WELDED MESH REINFORCEMENT.  
RECTANGULAR MESH REF. 433  
HORIZONTAL BARS Ø7.1mm  
VERTICAL BARS Ø6.3mm  
VERTICAL BARS ON SIDES ● 100mm SPACING  
HORIZONTAL BARS ON SIDES ● 200mm SPACING  
30mm COVER FROM OUTSIDE FACE
3. CONCRETE TO HAVE STEEL SHUTTER FINISH
4. THIS DESIGN IS NOT TO BE BUILT WITHIN 5km OF THE COAST
5. QUANTITIES.

REF. 433 MESH -- 6.5kg/panel  
 REF. 433 MESH -- 1.594m x 0.940m = 1.498m<sup>2</sup>  
 CONCRETE 384kg/panel (0.160m )  
 MASS PER PANEL 391kg

6. JOINTS TO BE AS SMALL AS POSSIBLE AND SEALED WITH *Sikaflex PRO-2 HP POLYURETHANE SEALANT*

**NOTE**

**IF CAST INSITU.  
SAME SPECIFICATION TO BE USED.**

**STANDARD PRECAST U-DRAIN DETAILS.**

BUSINESS UNITS		TRANSNET CAPITAL	
NAME	DATE	TITLE	NAME DATE
DESIGNATION		DRAWN	D.A. 09-04-06
SIGN		CHECKED	
NAME		CONSTRUCTION MANAGER	NA
DESIGNATION		PROJECT MANAGER	P.O.
SIGN		PROGRAM MANAGER	U.G.
			RE
<p>1 ISSUED FOR APPROVAL AND CONSTRUCTION O.J. 09-05-12</p> <p>A ISSUED FOR DISCUSSION PURPOSES D.A. 09-04-06</p> <p>NO DESCRIPTION BY DATE</p>		<p>CAD REF F:\Projects 412983R</p> <p>SCALE : 1 : 20</p>	

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