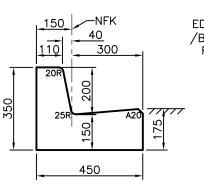


## STANDARD TYPE

- USED FOR DISTRICT ACCESS ROADS AND ABOVE.

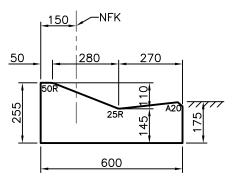


200 TYPE 'E' - USED ADJACENT TO PARKS.

**OPTIONAL** EDGE RESTRAINT \_150\_\_NFK /BACKING STRIP. REFER NOTE 9 300 600

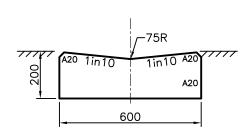
TYPE 'D

- USED FOR LOCAL/NEIGHBOURHOOD ACCESS ROADS.



# 'F' LOWER MOUNTABLE

- USED FOR FOREST LAKE ONLY IN LOCAL /NEIGHBOURHOOD ACCESS ROADS (NON BUS ROUTES).

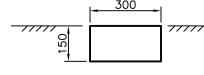


**INVERT** 

#### **LEGEND**

A20 20 ARRIS 25R 25 RADIUS 50R 50 RADIUS 20R 20 RADIUS NFK NOMINAL FACE OF KERB

### KERB AND CHANNEL



#### $300 \times 150$

'E' AND TYPE 'D' KERB & CHANNEL.

- USED WITH NO VEHICLE LOADING; - USED AS RESTRAINT BETWEEN
- PAVEMENT AND/OR GRASS; - USED AS BACKING STRIP WITH TYPE

#### 150 x 150

- USED WITH NO VEHICLE LOADING; - USED AS RESTRAINT BETWEEN PAVEMENT AND/OR GRASS.

# 230 230 MIN. REFER NOTE 4

# **EDGE RESTRAINTS** (LANDSCAPING)

# $230 \times 280 \text{ (MIN.)}$

- USED FOR MAINTENANCE VEHICLE LOADING ONLY;
- USED FOR RESTRAINING PAVERS FROM PAVEMENT OR GRASS.

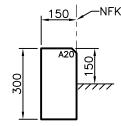
#### STANDARD TYPE - USED FOR PERIMETER OF

DISTRICT ACCESS ROADS AND ABOVE, WHERE ONE WAY CROSSFALL NEGATES USE OF CHANNEL.

ROAD PAVEMENT

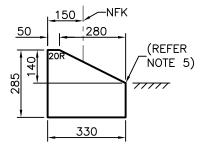
(WSUD) ONLY.

110



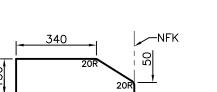
#### **VERTICAL**

- USED AS PER "STANDARD TYPE 'E' KERB" TO MATCH EXISTING OLD PROFILE.



## TYPE 'D'

- USED FOR PERIMETER OF LOCAL/NEIGHBOURHOOD ACCESS ROADS WHERE ONE WAY CROSSFALL NEGATES USE OF CHANNEL.



225

TYPE 'F'

- USED FOR FOREST LAKE ONLY

IN LOCAL/NEIGHBOURHOOD

ACCESS ROADS (NON BUS

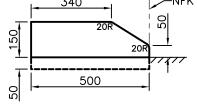
\_\_NFK

# MOUNTABLE

- 150\* DEEP PROFILE USED FOR TRAFFIC ISLANDS WITH CONCRETE INFILL ONLY. KEY 50 DEEP INTO PAVEMENT.

225

- 285\*\* DEEP PROFILE (AS PER UMS 212) USED FOR TRAFFIC ISLANDS WITH GRASS OR LANDSCAPE INFILL.



ROUTES).

#### MOUNTABLE WITH BACKING STRIP

- USED FOR TRAFFIC ISLANDS WITH GRASS OR LANDSCAPING INCLUDING ROUNDABOUTS, CHANNELISED INTERSECTIONS, TRAFFIC CONTROL DEVICES AND ISLANDS ON DIVIDED ROADS. - KEY 50 DEEP INTO PAVEMENT.

## NOTES:

- MACHINE PLACED (SLIP FORMED OR EXTRUDED) CONCRETE TO BE GRADE S32, MINIMUM CEMENT CONTENT OF THE CONCRETE TO BE 320 kg/m<sup>3</sup>.
- PRECAST OR HAND PLACED (IN SITU) CONCRETE TO BE GRADE N25.
- THE EXTENT OF HAND PLACED (IN SITU) CONCRETE MUST NOT EXCEED 20m IN CONTIGUOUS LENGTHS (INCLUDING VEHICULAR ENTRANCES AND KERB RAMPS).
- FOR 230x280 EDGE RESTRAINT, PROVIDE A MINIMUM DEPTH OF 230mm CLEAR OF ANY PAVER THICKNESS.
- A NARROW CHANNEL MAY BE ADDED TO TYPE 'D' KERB PROFILE IF APPROVED.
- PROVIDE CONTRACTION OR SHRINKAGE CONTROL JOINTS AT REGULAR INTERVALS NOT EXCEEDING 4m, BY FORMING GROOVES 40mm DEEP BY 6mm WIDE.
- PROVIDE EXPANSION JOINTS WHERE THE KERB AND CHANNEL ABUTS SUBSTANTIAL EXISTING STRUCTURES SUCH AS BRIDGES, OR WHERE DIRECTED. WHERE RELEVANT, LOCATE JOINTS TO LINE UP WITH THE EXPANSION JOINTS IN ADJACENT STRUCTURES SUCH AS RIGID PAVEMENTS AND CONCRETE SLABS. CONSTRUCT JOINTS BY INSTALLING 10mm THICK COMPRESSIBLE PACKING FOR THE FULL WIDTH AND DEPTH OF THE KERB AND CHANNEL.
- OPTIONAL EDGE RESTRAINT/BACKING STRIP MAY BE USED FOR KERB AND CHANNEL WITH LANDSCAPING BEHIND.
- DIMENSIONS IN MILLIMETRES (U.N.O.)

# KERB ONLY

450

TYPE 'G'

- USED FOR WATER SENSITIVE URBAN DESIGN

igcap							
I -	IPWEAQ Profile References Removed, Type Use Req. Reviewed, Notes Amended.	DL 03/12 IC 1/5/12		GB 31/05/12			
D	Note 6 Amended.	DL 09/10	IC 11/10	PC 01/11			
A-C	Refer to Previous Releases	04/01-05/05	05/01-05/05	06/01-05/09			
ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE			
1/06/2012 3:00:01 PM A3 (C) Copyright Brishage City Council 2012							

TOP OF **VEGETATION** 

SWALE

HEIGHT OF

**VEGETATION** 

50mm NOMINAL

DESIGN AUTHORISED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL	DESIGN	STD DWG GROUP	DATE	April '01		
DATED 29/6/01	DRAWN	CITY DESIGN	GN DATE A			
MANAGER ASSET SUPPORT - R.P.E.Q: 3 8 5 2  DESIGN APPROVED	CHECKED	M. STEER	DATE	May '01		
B. HANSEN SIGNATURE ON ORIGINAL DATED 27/6/01	DRAWING FILENAME	\UMS 211				
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE	ASSOCIATED PLANS	Supersedes WS 11-1				



# **BRISBANE CITY COUNCIL STANDARD DRAWING**

KERB AND CHANNEL **PROFILES** 

)	SCALE	NOT TO	SC	ALE	
	DWG No.	UMS	2	11	
J	ORIGINAL SIZE	A3		REVISION	