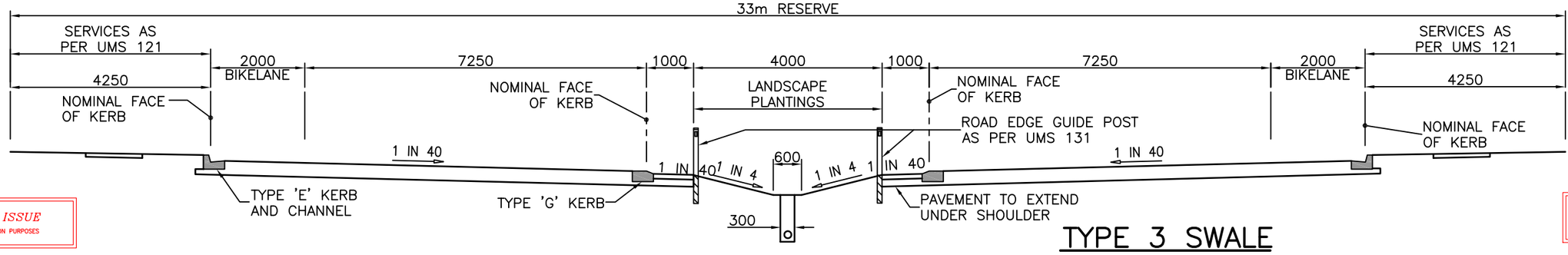
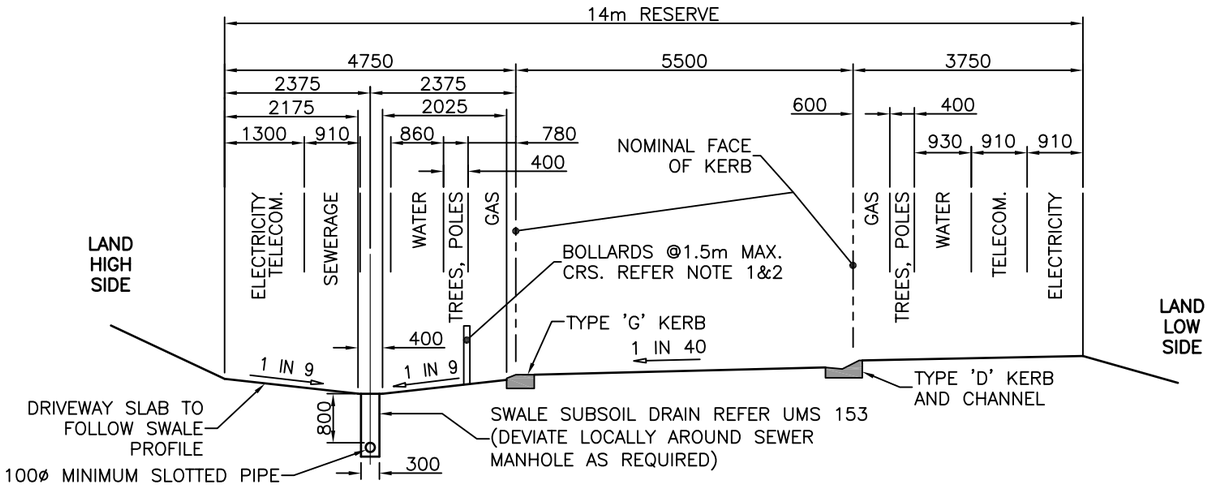


DRAFT ISSUE
FOR DISCUSSION PURPOSES

TYPE 3 SWALE

SUBURBAN ROUTES PAVEMENT TYPE "D"

DRAFT ISSUE
FOR DISCUSSION PURPOSES

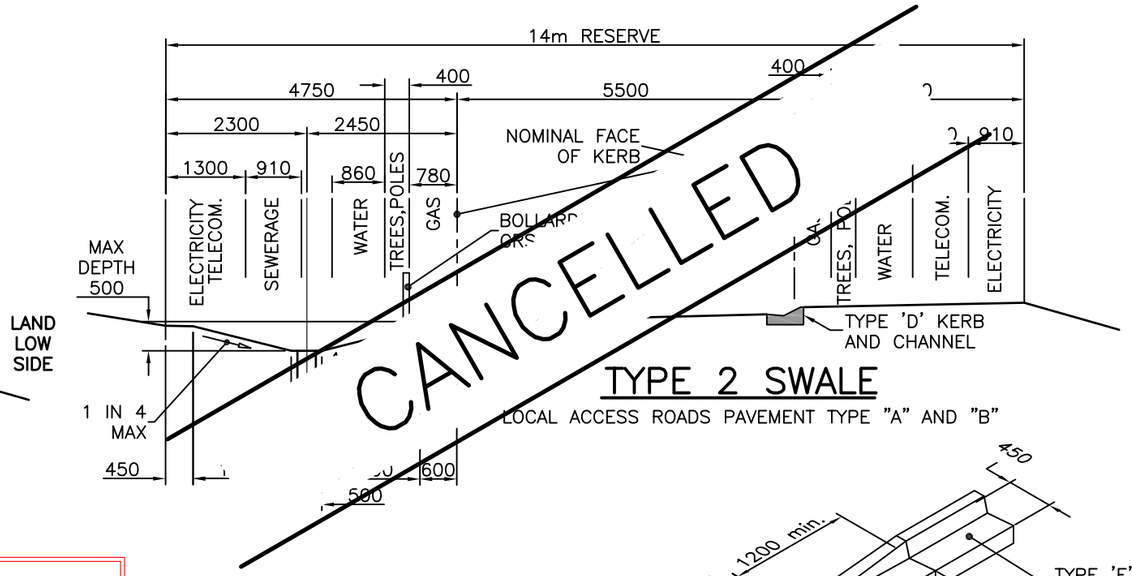


TYPE 1 SWALE

LOCAL ACCESS ROADS PAVEMENT TYPE "A" AND "B"

NOTE:
BATTER SLOPES MAY VARY BETWEEN DRIVEWAYS: MAX 1 IN 4

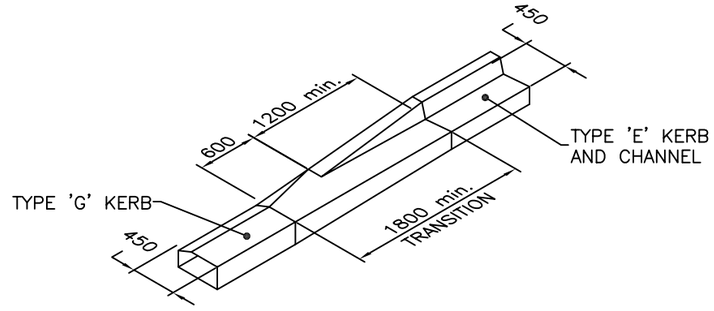
DRAFT ISSUE
FOR DISCUSSION PURPOSES



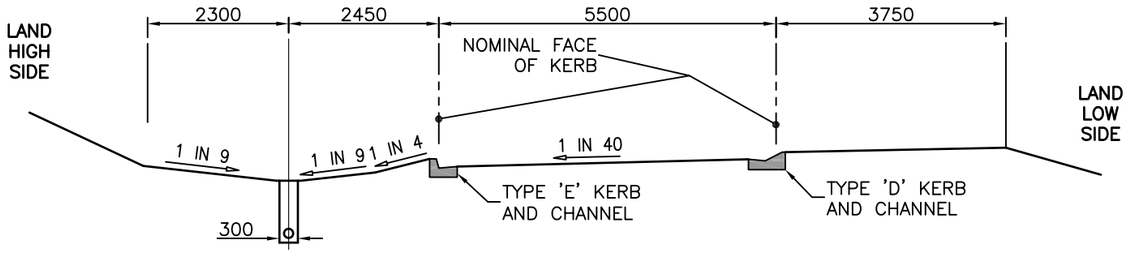
CANCELLED

TYPE 2 SWALE

LOCAL ACCESS ROADS PAVEMENT TYPE "A" AND "B"



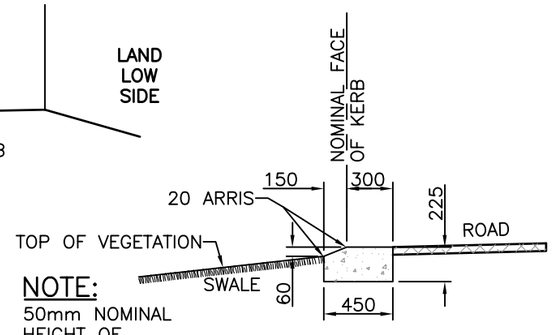
KERB TRANSITION DETAIL



ALTERNATIVE TYPE 1 SWALE

TYPE 'E' KERB AND CHANNEL
LOCAL ACCESS ROADS PAVEMENT TYPE "A" AND "B"

DRAFT ISSUE
FOR DISCUSSION PURPOSES



NOTE:
50mm NOMINAL HEIGHT OF VEGETATION

TYPE 'G' KERB

(FOR WSUD ROADS ONLY)
(REFER NOTE 3)

DRAFT ISSUE
FOR DISCUSSION PURPOSES

NOTES:

1. DESIGNERS SHALL INCORPORATE FEATURES THAT PREVENT OR DISCOURAGE THE DRIVING OR PARKING OF VEHICLES ON THE SWALE.
2. BOLLARDS MAY BE USED WITHIN THE TREES AND POLES ALIGNMENT IN ACCORDANCE WITH THE FOLLOWING:
   - MINIMUM HEIGHT TO BE 1000mm;
   - PREFERABLE MAXIMUM CROSS SECTION TO BE 150x150;
   - NO CONCRETE FOOTINGS;
   - CONSIDER VISIBILITY WHEN SPECIFYING COLOUR;
   - NOT RECOMMENDED FOR GREATER THAN 50km/hr ENVIRONMENTS;
   - REFLECTORS SHOULD BE FITTED AS PER UMS 131.
3. TYPE 'G' KERB TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD NOTES SHOWN ON UMS 211.

DRAFT DESIGN APPROVED FOR ISSUE
SIGNATURE : P Cotton signature on original DATE : 03/09/04
MANAGER INFRASTRUCTURE MANAGEMENT - R.P.E.Q: 2546

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
DFT2	AMMENDED BATTER SLOPES & GUIDE POSTS ADDED, TYPE 2 SWALE DELETED	FEB '05	KP '05	PC '05
DRAFT	DRAFT ISSUE FOR DISCUSSION	JUN '03	JUL '04	JUL '04

DESIGN AUTHORISED FOR ISSUE	DESIGN	CD/UMD	DATE	Jun '03
MANAGER INFRASTRUCTURE MANAGEMENT R.P.E.Q:	DRAWN	CD/UMD	DATE	Jun '03
DESIGN APPROVED	CHECKED	IM - UMD	DATE	Jul '04
PRINCIPAL ENGINEER STRATEGIC INFRASTRUCTURE MANAGEMENT	DRAWING FILENAME	\UMS 151 (DRAFT)		
	ASSOCIATED PLANS			

BRISBANE CITY

BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

WATER SENSITIVE URBAN DESIGN ROAD TYPES AND ROAD WIDTHS

SCALE	NOT TO SCALE	
DWG No.	UMS 151	
ORIGINAL SIZE	A3	REVISION DFT2