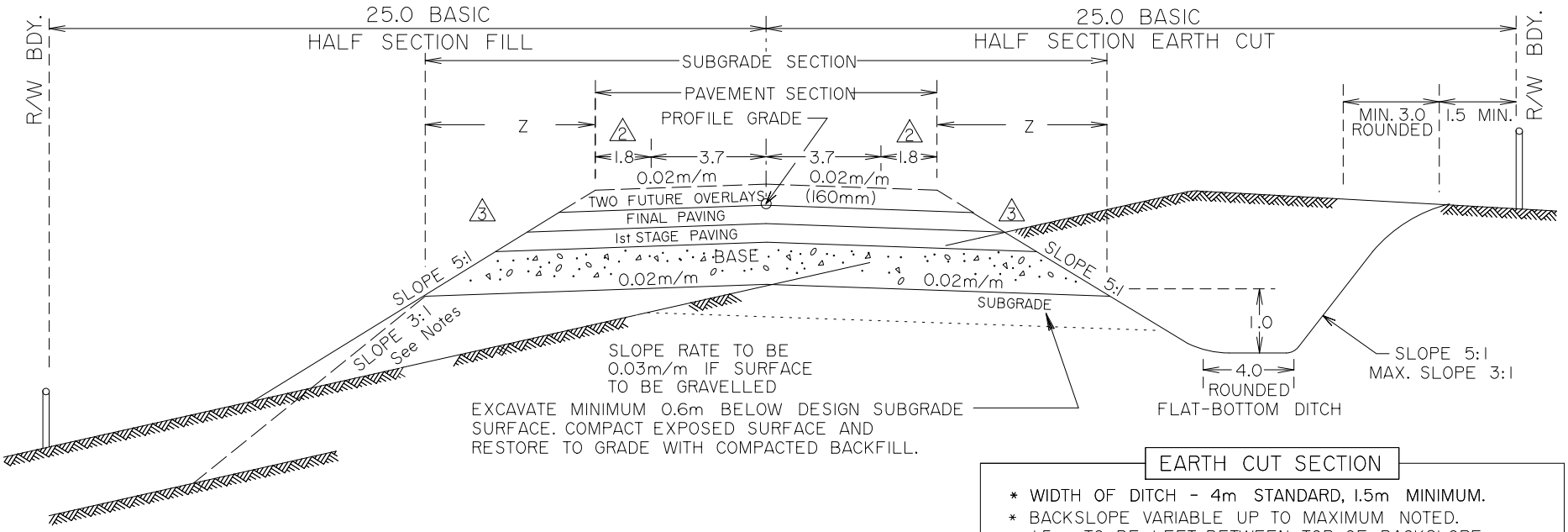
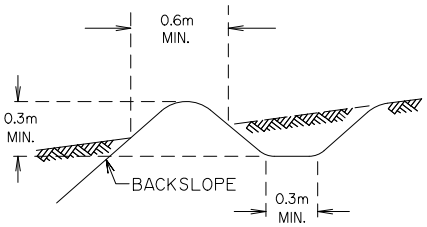


EARTH CUT SECTION

* WIDTH OF DITCH - 4m STANDARD, 1.5m MINIMUM.
* BACKSLOPE VARIABLE UP TO MAXIMUM NOTED. 1.5m TO BE LEFT BETWEEN TOP OF BACKSLOPE AND RIGHT-OF-WAY LIMIT AS SHOWN.
* DITCH WIDTH AND ROUNDING AT TOP OF BACKSLOPE TO BE INCREASED AT BEGINNING AND END OF CUT SECTIONS FOR AESTHETICS.

SUBGRADE AND SURFACING DIMENSIONS

⊛ FOR CALCULATION OF Z AND S VALUES, REFER TO FIGURE CB6 3.50M6 (NEW CONSTRUCTION) AND FIGURE CB6 3.50M8 (WIDENING).



CATCH WATER DITCHES
TO BE CONSTRUCTED WHEN NECESSARY

FILL SECTION

* 5:1 SLOPES FOR AVERAGE FILLS LESS THAN 2.0m.
* 4:1 SLOPES FOR AVERAGE FILLS UP TO 6.5m.
* 4:1 SLOPES CAN BE USED ON SHORT SECTIONS OF HIGHWAY FILL UP TO 14m IN HEIGHT (TO ELIMINATE THE NEED FOR GUARDRAIL), PROVIDING THERE ARE NO OBSTRUCTIONS WITHIN OR NEAR THE RIGHT-OF-WAY LIMITS.
* 3:1 SLOPES MAY BE USED IN AREAS WHERE GUARDRAIL IS TO BE INSTALLED.
* THE CHOICE BETWEEN 4:1 SLOPE AND GUARDRAIL INSTALLATION ON HIGH EMBANKMENTS IS GENERALLY MADE BASED ON LIFE-CYCLE COST-EFFECTIVENESS.
* 3:1 SLOPES ARE TO BE USED ON ALL FILLS ADJACENT TO DRAINAGE STRUCTURES OVER 1200mm IN DIAMETER; CATTLE PASSES, OPEN WATER, ETC. WHERE GUARDRAIL INSTALLATION IS NECESSARY FOR HIGHWAY SAFETY.
* TRANSITION BETWEEN SLOPES SHALL BE ATTAINED BY USING UNIFORMLY VARYING SLOPES. GENERALLY THE MINIMUM LENGTH OF TRANSITION SHALL NOT BE LESS THAN 60m.
* BERM ALSO TO BE CONSTRUCTED ADJACENT TO OPEN WATER.

No.	REVISIONS	BY	DATE
3	PAVEMENT SIDESLOPE	BK	27 JUN 2005
2	REV TO RAU-211	BK	JAN 2003
1	FILL NOTES	BK	06/93

Approved:

ORIGINAL SIGNED
BY FAI GAN

Director,
Design Engineering Branch

Date: DECEMBER 6, 1989

Alberta
INFRASTRUCTURE AND TRANSPORTATION

SUPERSEDED

STANDARD CROSS-SECTION FOR 2 RAU-211-110

Prepared By: R.T.	Checked By: BK	Scale: N.T.S.	Dwg No: CB6-2.3M26B