



PLAN

NOTES :

- 1 THE CROSS SLOPE OF THE RUN-OUT AREA PREFERABLY SHOULD BE 10 TO 1 OR FLATTER. THE GRADING DETAILS ON THIS DRAWING ONLY APPLY TO THE SITUATION WHERE THIS IS IMPRACTICAL
- 2 THE CROSS SLOPE OF THE FIRST 10m (MEASURED PARALLEL TO THE DIRECTION OF TRAFFIC OF THE RUN-OUT AREA IMMEDIATELY BEHIND THE BCTA) SHOULD BE 5 TO 1 OR FLATTER. IF THIS IS NOT ACHIEVABLE THIS CROSS SLOPE SHOULD BE NO STEEPER THAN 4 TO 1 WITH THE HEIGHT OF THE BATTER NOT EXCEEDING THE LIMITS OF THE TABLE
- 3 DESIRABLY, THE CROSS SLOPE OF THE GRADING APPROACHING THE GUARDRAIL TERMINAL AND ADJACENT TO IT FOR ITS FULL LENGTH SHOULD BE 10 TO 1. HOWEVER, IF THE EXISTING CROSS SLOPE IS FLAT OR IS A POSITIVE SLOPE DUE TO THE SUPERELEVATION OF THE ROADWAY PAVEMENT, THE MINIMUM OFFSET OF THE GRADING HINGE POINT BEHIND POSTS No. 1 THROUGH 5 IS ESSENTIAL TO PREVENT SNAGGING OF THE VEHICLE.
- 4 THE SAME RUNOUT AREA IS TO BE USED FOR WIRE ROPE TERMINALS.

TABLE 1 - MAXIMUM HEIGHT OF FILL BATTER

FILL BATTER SLOPE	1.5:1	2.0:1	2.5:1	3.0:1	3.5:1	4.0:1	4.5:1	5.0:1 OR FLATTER
MAXIMUM FILL HEIGHT (METRES)	0.5	1.0	1.5	2.0	2.5	3.0	3.5	NO LIMIT

E				GENERAL NOTES 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE 2. BREAKAWAY CABLE TERMINAL (BCTA) - GENERAL ARRANGEMENT 3. BREAKAWAY CABLE TERMINAL ANCHOR CABLE AND PLATE DETAIL 4. BREAKAWAY CABLE TERMINAL END RAIL AND TERMINAL BULB DETAILS	DESIGNED PRINCIPAL ROAD DESIGN ENGINEER APPROVED 1.9.96	 ENGINEERING & TECHNOLOGY CONSULTANTS	STANDARD DRAWING								
D							BREAKAWAY CABLE TERMINAL (BCTA) RUNOUT AREA GRADING DETAILS								
C							SD 3541	CATALOG: PRED PROJECT: sddgnew	COMPUTER FILE sd-3571a.dgn	SCALE OF METRES HOR NOT TO SCALE VER	FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO. SD 3571	ISSUE A
B															
A	J.B.	1/8/02	TYPICAL SECTION POSTS 1, 2, 3 AND 5 REMOVE DIRECTION OF TRAFFIC ADDED, POST ORIENTATION NOTE ADDED												
ISSUE	APP'D	DATE	AMENDMENT												