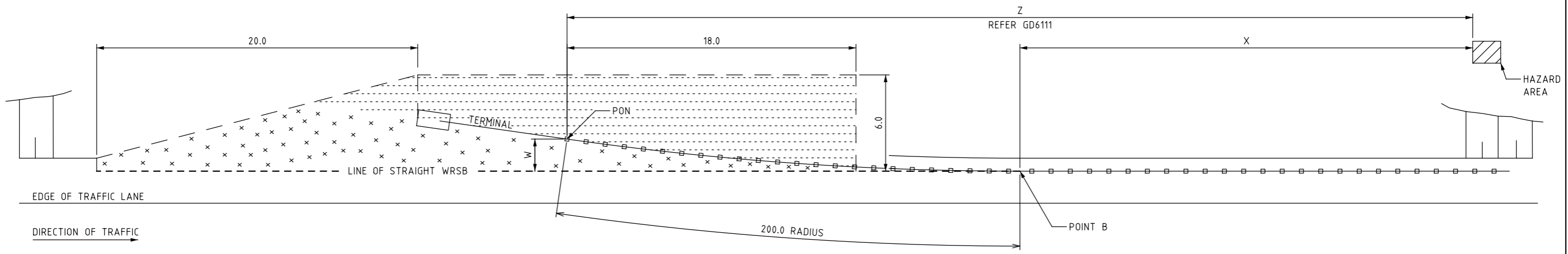


ISSUE	APPROVED BY	DATE	AMENDMENT
-	M-SSE	07/2020	SUPERSEDES SD3573



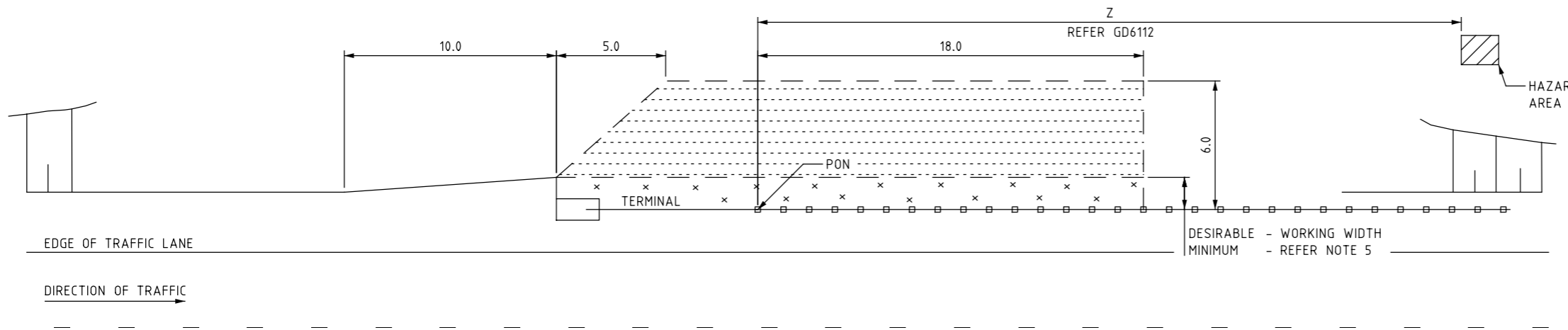
**FLARED TERMINAL (PREFERRED)**

**TABLE 1: GRADING OF FLARED TERMINAL APPROACH AND RUNOUT AREAS**

OPTION	APPROACH AREA	RUNOUT AREA
DESIRABLE	10:1 MAX	10:1 MAX
MINIMUM	10:1 MAX	6:1 MAX
ABSOLUTE MINIMUM	6:1 MAX	4:1 MAX

**TABLE 2: FLARED TERMINAL SET OUT DETAILS**

TERMINAL OFFSET 'W'	200m RADIUS CURVE LENGTH
1.0	20.0
1.5	24.5
2.0 (MAX)	28.3



**STRAIGHT TERMINAL**

**TABLE 3: GRADING OF STRAIGHT TERMINAL RUNOUT AREAS A & B**

OPTION	RUNOUT AREA A	RUNOUT AREA B
DESIRABLE	MATCH VERGE SLOPE	10:1 MAX
MINIMUM	MATCH VERGE SLOPE	6:1 MAX
ABSOLUTE MINIMUM	MATCH VERGE SLOPE	NO WORSE THAN ROADSIDE PRECEDING TERMINAL

- NOTES:**
- THIS DRAWING IS APPLICABLE TO APPROACH TERMINALS, i.e THOSE FACING APPROACHING TRAFFIC OR THOSE THAT CAN BE IMPACTED BY OPPOSING TRAFFIC
  - RUNOUT AREAS SHOULD BE FREE OF HAZARDS. WHERE THE MINIMUM RUNOUT AREA SPECIFIED IN THIS DRAWING IS NOT ACHIEVABLE, CONSIDERATION IN ORDER OF PRECEDENCE SHALL BE GIVEN TO:
    - EXTENDING THE BARRIER UPSTREAM OF THE PROPOSED LOCATION TO ACHIEVE THE MINIMUM RUNOUT AREA.
    - PROVIDING THE MAXIMUM ACHIEVABLE RUNOUT AREA GIVEN EXISTING SITE CONSTRAINTS ALSO SUPPORTED WITH A DOCUMENTED RISK EVALUATION OR
    - THE AREA SHOULD AT LEAST BE SIMILAR IN CHARACTER TO THE ADJACENT UNSHIELDED ROADSIDE AREA, SUPPORTED WITH A DOCUMENTED RISK EVALUATION.
  - FLARED TERMINAL TREATMENTS SHOULD BE ADOPTED IN PREFERENCE TO STRAIGHT TERMINAL TREATMENTS WHERE THIS IS PRACTICABLE. WRSB TERMINAL OFFSET 'W' SHALL NOT BE GREATER THAN 2.0m AS THE LIKELY ANGLE OF IMPACT WILL BECOME TOO SEVERE.
  - CONSIDERATION SHOULD BE GIVEN TO REGRADING AND/OR PIPING TABLE DRAINS WHERE PRACTICABLE TO PROVIDE A COMPLYING RUNOUT AREA.
  - FOR VERGE SLOPE AND WIDTH REQUIREMENTS REFER TO:
    - AGRD PART 3 SECTION 4.4
    - AGRD PART 6 SECTION 6.3.6 & 6.3.7
    - VRS TO AGRD PART 6, SECTION 6.3.15.5
    - PRODUCT-SPECIFIC MANUAL.

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- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE
  - THIS DRAWING FORMS PART OF THE VRS TO AGRD PART 6 AND SHOULD BE READ IN CONJUNCTION WITH THOSE REFERENCES
  - SAFETY BARRIERS SHALL BE VICROADS ACCEPTED PRODUCTS IN ACCORDANCE WITH RDN 06-04.

- REFERENCES:**
- GD6000 TERMINOLOGY, SHORTHAND AND GENERAL REQUIREMENTS
  - GD6112 SAFETY BARRIER (LINE B) ALIGNMENT DETAILS
  - SD4311 WRSB LOCATION PROCEDURE
  - RDN 06-02 USE OF WIRE ROPE SAFETY BARRIERS
  - RDN 06-04 ACCEPTED SAFETY BARRIER PRODUCTS



**AGRD PART 6**  
**RUN OUT AREA DETAILS**  
**WIRE ROPE SAFETY BARRIER (WRSB) TERMINALS**

NOT TO SCALE	APPROVED M-SSE	GD NO. 07/2020	ISSUE GD6221
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