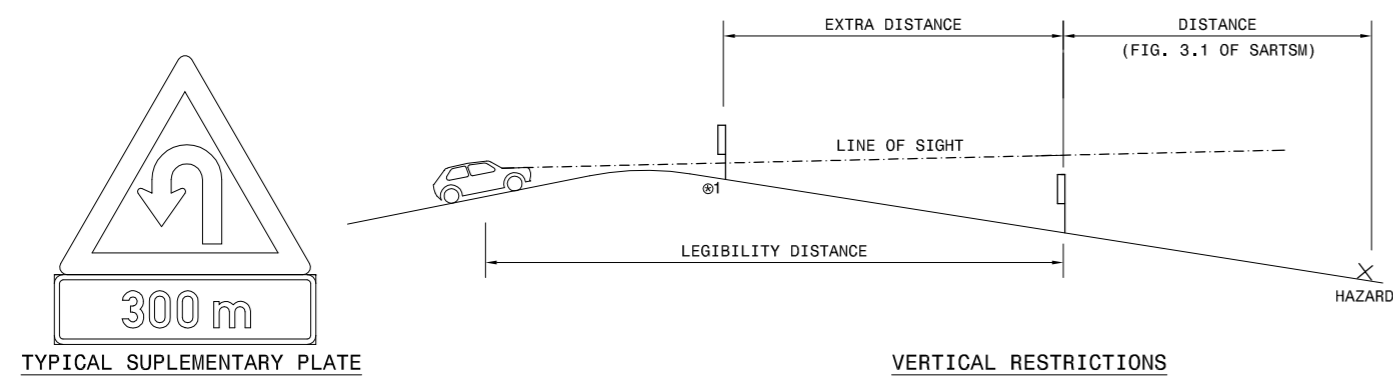
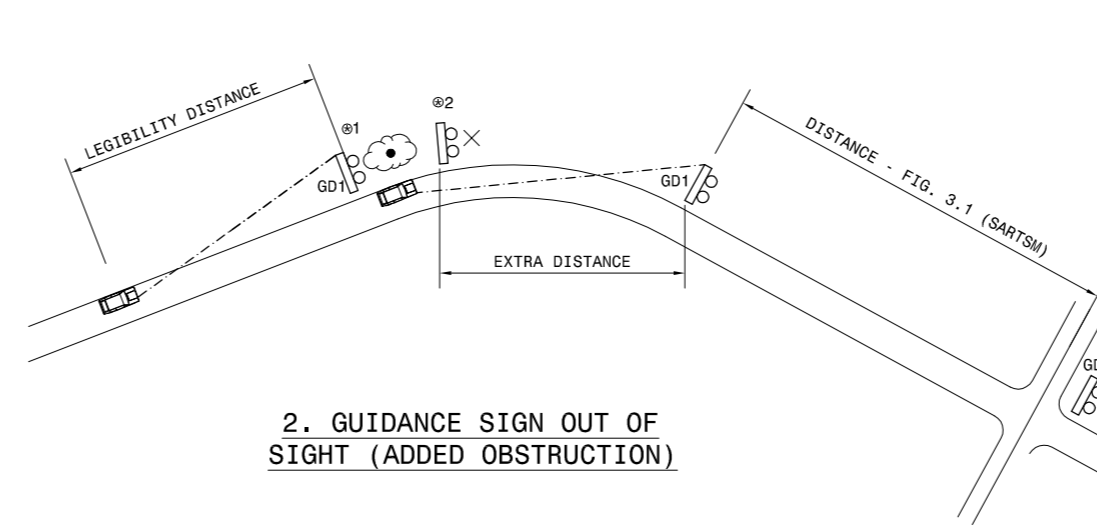


ROAD SIGNS: PLACING OF ROAD SIGNS - TYPICAL DETAILS

(Sheet 2 of 2 Sheets)



1. WARNING SIGN OUT OF SIGHT



2. GUIDANCE SIGN OUT OF SIGHT (ADDED OBSTRUCTION)

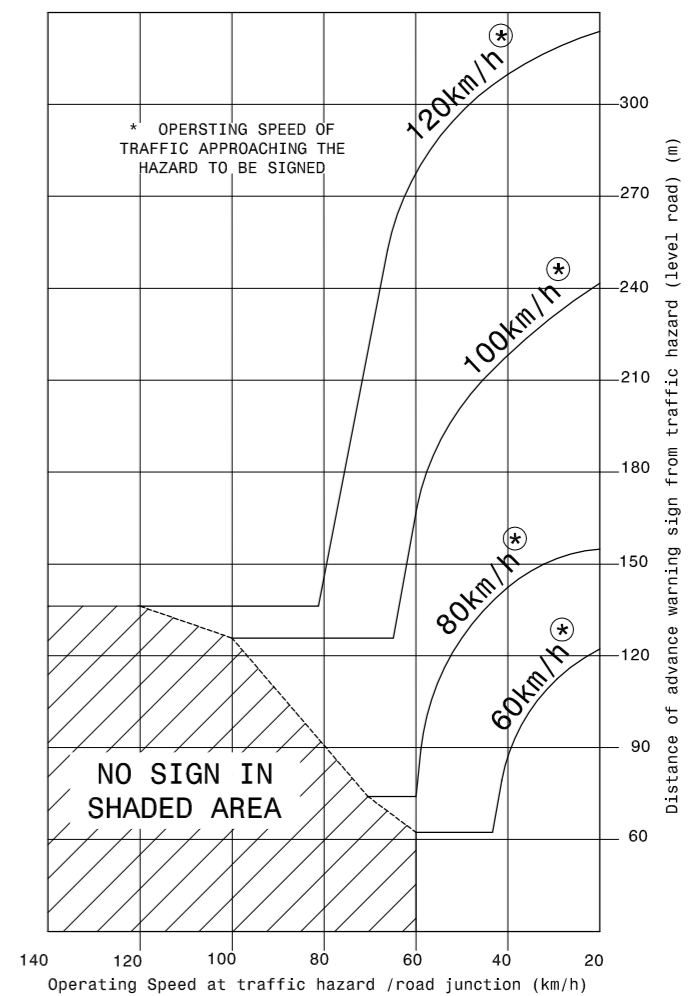
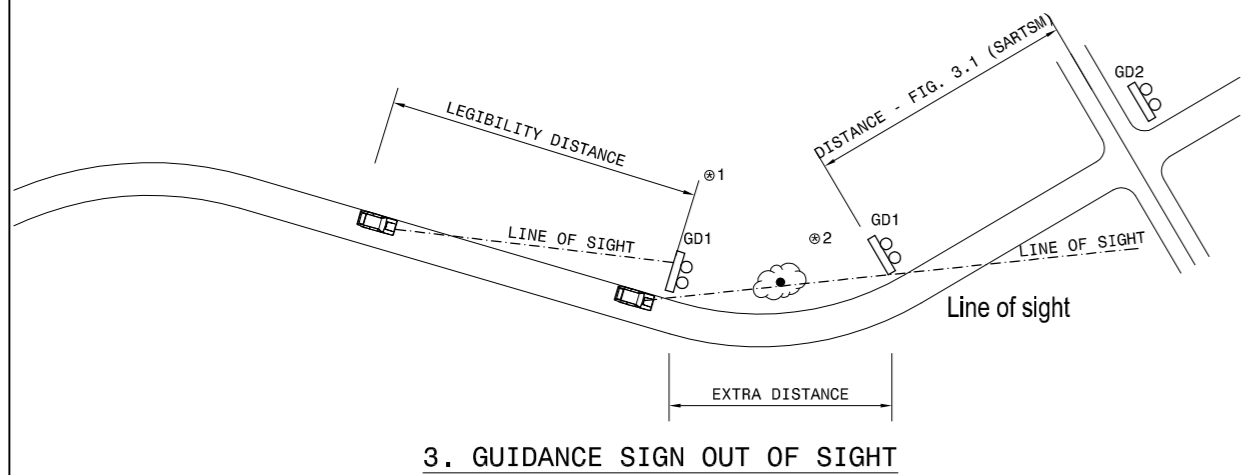
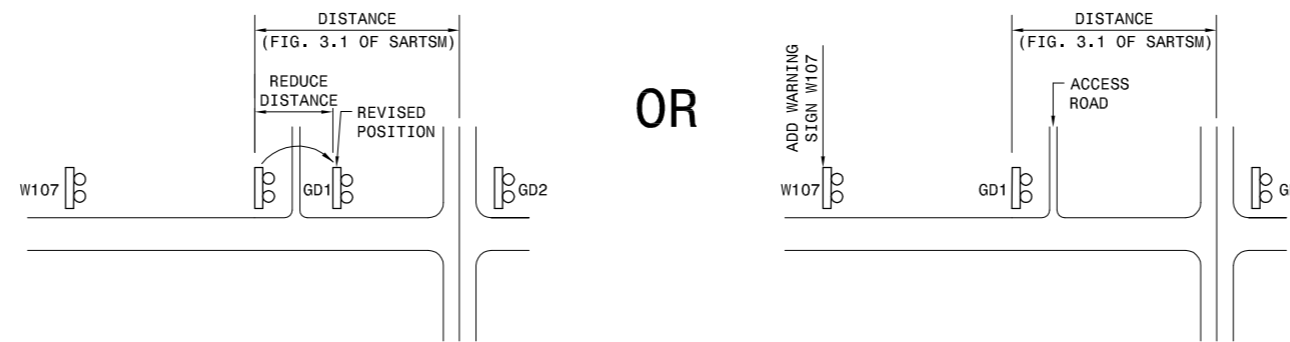


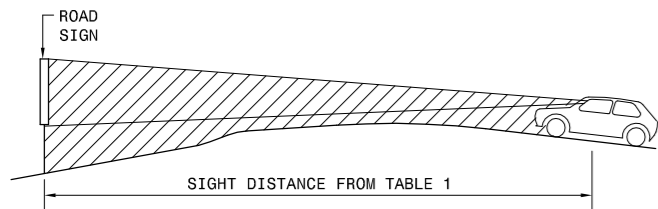
FIG 3.1: LOCATION OF ADVANCE WARNING SIGNS AND DESTINATION SIGNS (SARTSM)



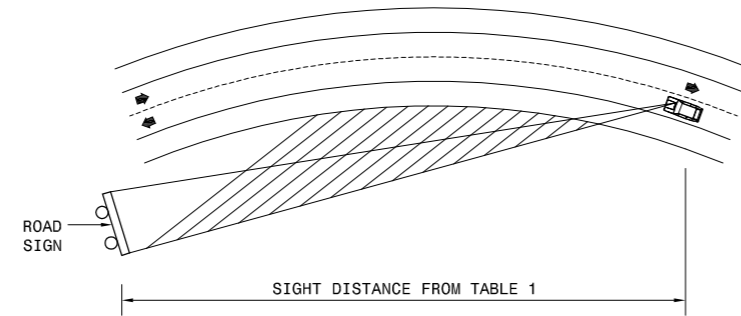
3. GUIDANCE SIGN OUT OF SIGHT



4. CLOSELY SPACED JUNCTIONS



5. VERTICAL SIGHT DISTANCE

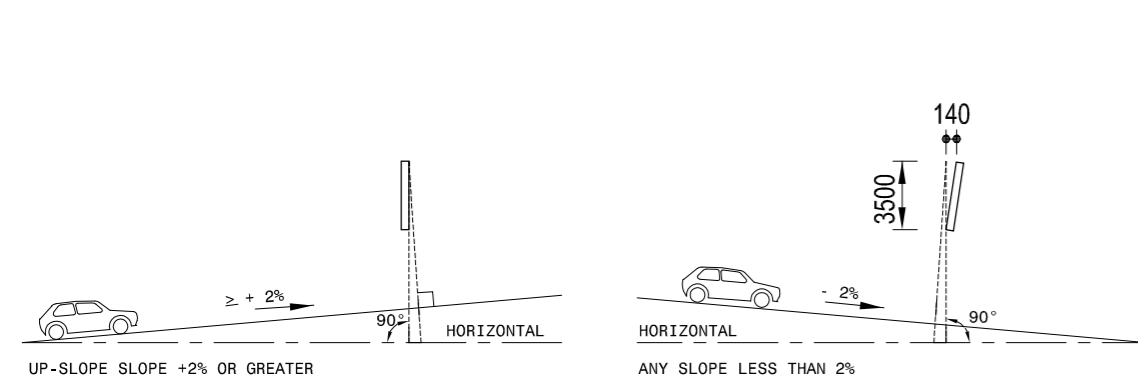


6. HORIZONTAL SIGHT DISTANCE

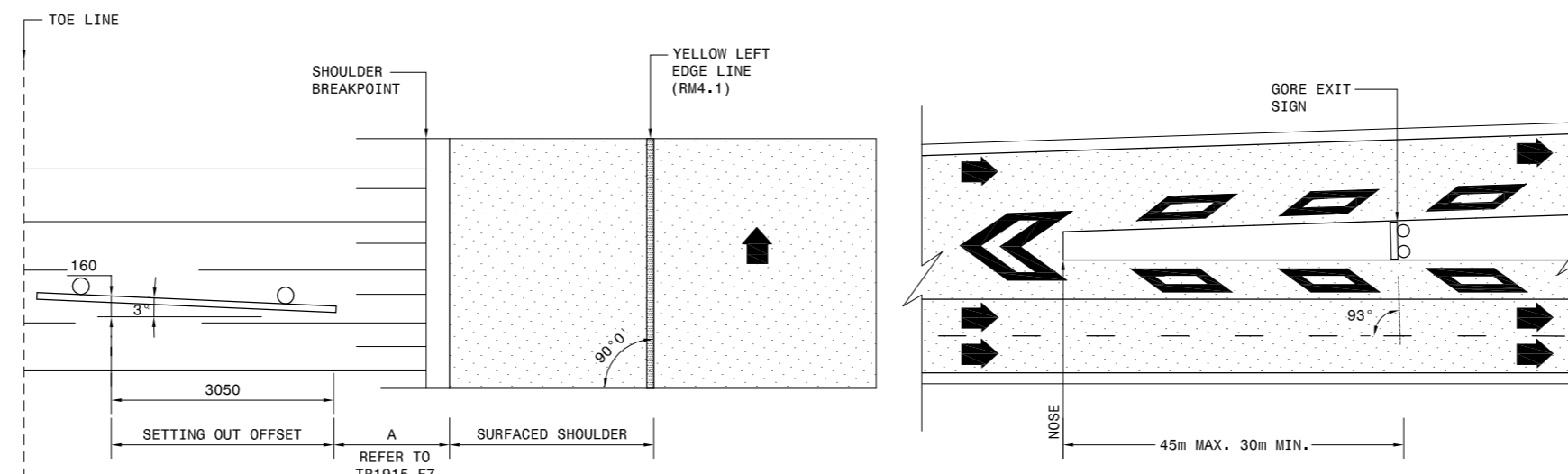
CLEAR LINE OF SIGHT TO LARGER GUIDANCE SIGNS (APPLICABLE TO 5+6)

HORIZONTAL RESTRICTIONS
 @1 REVISED POSITION
 @2 DO NOT CUT TREE DOWN

TABLE 1	
CLEAR SIGHT DISTANCE REQUIREMENTS	
LETTER SIZE (mm)	SIGHT DISTANCE (m)
490	380
420	340
350	300
280	260
210	220
140	180
112	160

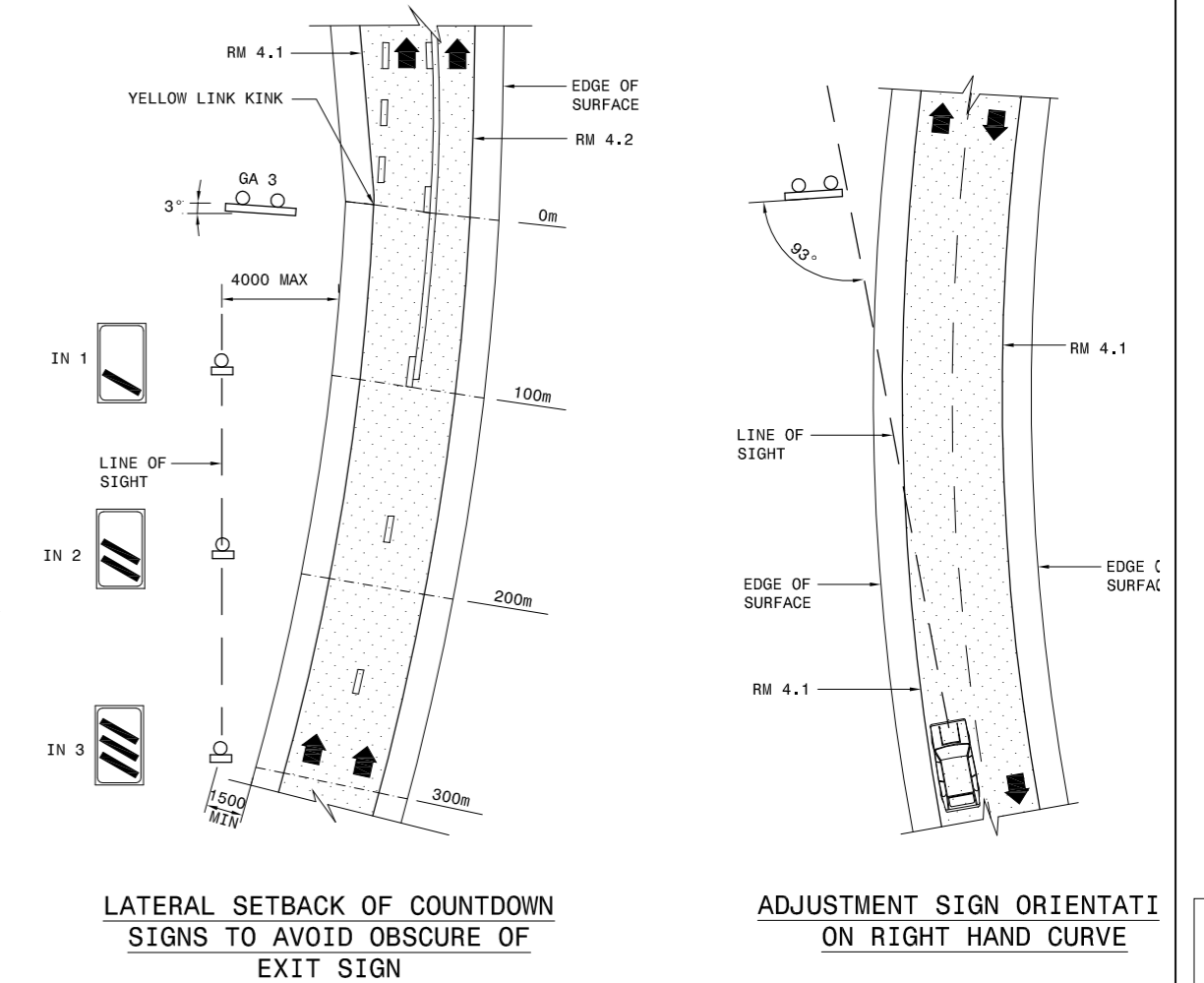


DETAIL ADJUSTMENTS
LATERAL AND VERTICAL POSITIONING OF SIGNS



TYPICAL DIRECTION SIGN

GORE SIGN



LATERAL SETBACK OF COUNTDOWN SIGNS TO AVOID OBSCURE OF EXIT SIGN

ADJUSTMENT SIGN ORIENTATION ON RIGHT HAND CURVE

OFFSET TO REDUCE SPECULAR GLARE FROM RETROREFLECTIVE SURFACES

	CONSTRUCTION RECORD (AS-BUILT) WORKS CONTRACT ENGINEER Name: G. LOUBSER Date:	SNA CIVIL AND STRUCTURAL ENGINEERS (Pty) LTD 285 ALBERTUS STREET LA MONTAGNE 0184 P. O. Box 72727 LYNWOOD RIDGE 0040 Tel: 012-442 0000 Fax: 012-403 4429 e-mail: pta@sna.co.za web: www.sna.co.za	TRANS AFRICAN CONCESSIONS (PTY) LTD BLOCK 8 THORNHILL OFFICE PARK 94 BEKKER ROAD MIDRAND PO Box 10817 VORNA VALLEY 1686 Tel: 011-805 8788 Fax: 011-805 8789 gesterhuysem@trac.co.za www.trac.co.za	DESIGNED BY NAME: G. LOUBSER Prof. Reg. No.: 890309 CHECKED BY NAME: L.V.D. MERWE Prof. Reg. No.:	CONSULTANT APPROVAL Name: J.W.B. STOLTZ Prof. Reg. No.: 980512 Date: APRIL 2016	HEAD OFFICE 48 Tambolie Avenue Val de Grace Pretoria 0184 PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000	NORTHERN REGION 38 Ida Street Menlo Park Pretoria 0081 Private Bag X17 Lynnwood Ridge 0040 Tel: (012) 426 6200	ACCEPTANCE THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING for the SA NATIONAL ROADS AGENCY SOC LTD. Date:	PROJECT DESCRIPTION MAPUTO DEVELOPMENT CORRIDOR (MDC) PRETORIA TO LEBOMBO BORDER POST ROUTINE ROAD MAINTENANCE ROAD SIGNS: PLACING OF ROAD SIGNS - TYPICAL DETAILS (Sheet 2 of 2 Sheets)	PROJECT NUMBER TRAC/MAINT-2019-01 DRAWING LOCATION DATA ROUTE SECTION DRAWING TYPE BRIDGE/STRUCTURE No. CONSULTANT DRAWING No. SANRAL DOCUMENT #	TRAC/MAINT-2019-01 START END PRETORIA LEBOMBO BORDER ROADS - TYPICAL DETAILS SNA-TP1915-F8 VER V1
No. DATE REVISION V1 07-2019 ORIGINAL VERSION G. LOUBSER CONSULT. ENG. SCALE: AS SHOWN (A0) SHEET 2 OF 2											

F:\TP1915 TRAC RRR\20 DRAWINGS\01 WORKING DRAWINGS\00 TYPICAL DRAWINGS\18 TYPICAL DETAILS\F - ROAD SIGNS\TP1915-F8_PLACING OF ROAD SIGNS_SHEET 2 OF 2.DWG

SNA-TP1915-F8-VER V1