

CATTAN

1. TULISAN JAWI HENDAKLAH DIADAKAN PADA PAPAN TANDA JALAN YANG BERTARAF BERIKUT
 - a) JALAN
 - b) PERSIARAN
 - c) LEBUH
2. SEMUA TULISAN PAPANANDA HENDAKLAH DIADAKAN PADA KEDUA BELAH PERMUKAAN
3. SEMUA KEPINGAN PELEKAT (STIKERS) HENDAKLAH MEMPUNYAI SUJIL JAMINAN SELAMA 5 TAHUN DARI PEMBEKAL
4. SEMUA JENIS KEPINGAN PELEKAT HENDAKLAH TULISAN DARI JENIS " ENGINEERING GRADE" BERWARNA PUTIH DAN LATARBELAKANG BERWARNA BIRU JENIS HIGH INTENSITY PRISMATIC (HIP)
5. SEMUA PLAT HENDAKLAH MENGGUNAKAN BAHAN DARI JENIS " FIBRE REINFORCED CONCRETE (FRP) " PADA KETEBALAN 3.5mm MIN BAHAN SETARA
6. SEMUA HURUF JAWI DAN RUMI HENDAKLAH MENGIKUT PIAWAIAN DBF BERKOMPUTER
7. WARNA TIANG ADALAH WARNA PUTIH
8. JENIS DAN SAIZ TULISAN
 - a) NAMA JALAN (RUMI) : ARIAL BOLD (50mm)
 - b) POSKOD : ARIAL BOLD (32mm)
 - c) TULISAN JAWI (45mm)

MAJLIS PERBANDARAN KLANG

TABUK URSAM

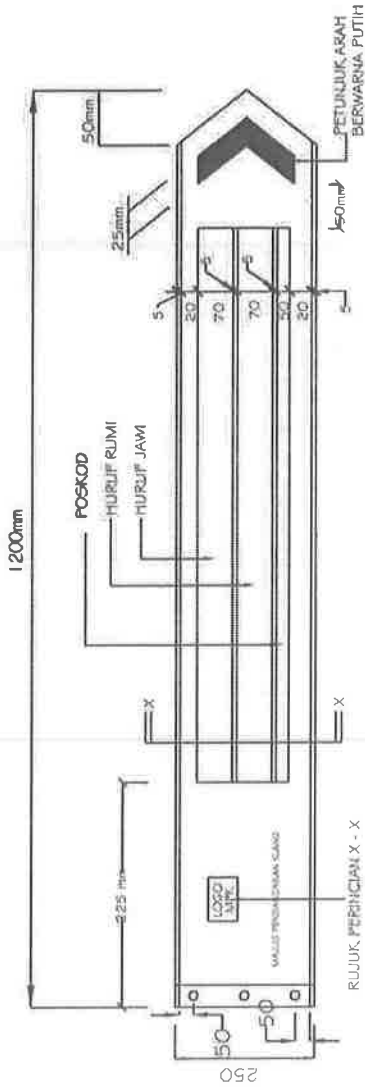
PAPANANDA NAMA JALAN
PIAWAI MPK

DI LUKIS	PUJ MOND AZHAR
DI SEMAK	
DIREBENTUK	PUJUPUJ
TARIBITI	SEPT 2015

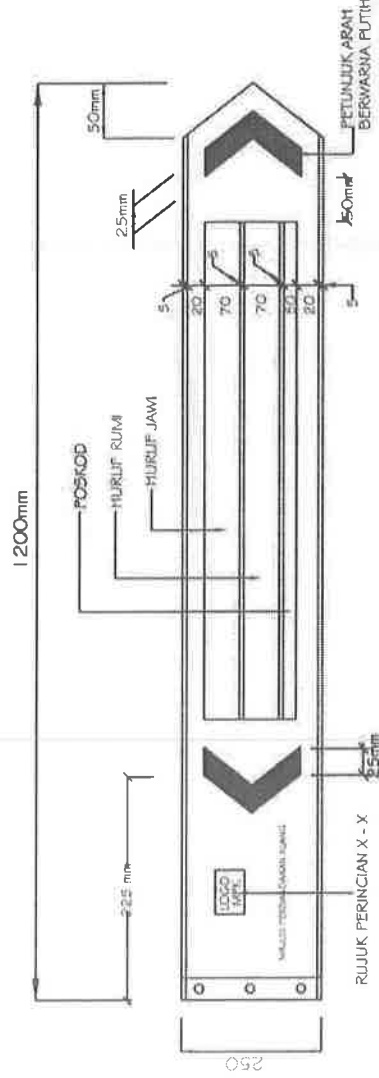
PENGARAH KEJURUTERAAN



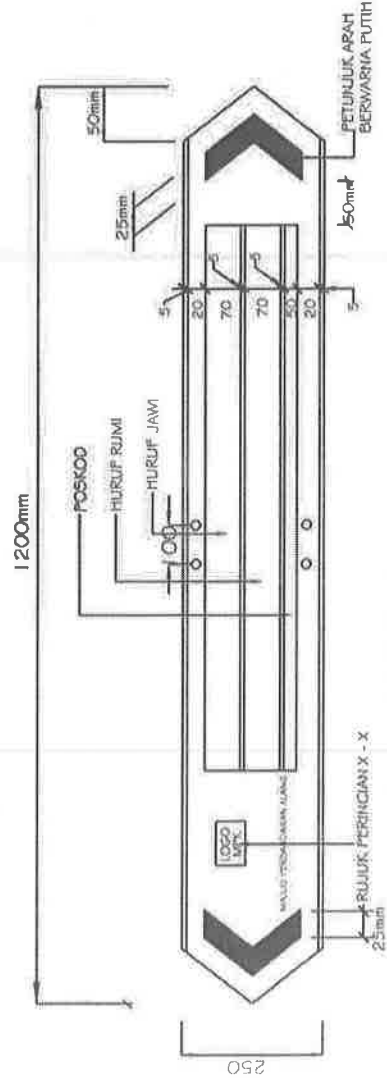
JAMRI SH OTTAWA
PENGARAH KEJURUTERAAN



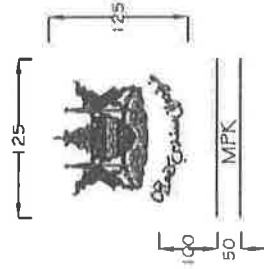
PERMUKAAN PAPAN TANDA NAMA JALAN JENIS Z1



PERMUKAAN PAPAN TANDA NAMA JALAN JENIS Z2



PERMUKAAN PAPAN TANDA NAMA JALAN JENIS Z3



PERINCIAI X - X

CATTAN

RUJUK SEBELAH

MALIS PERBANDARAN
KLANG

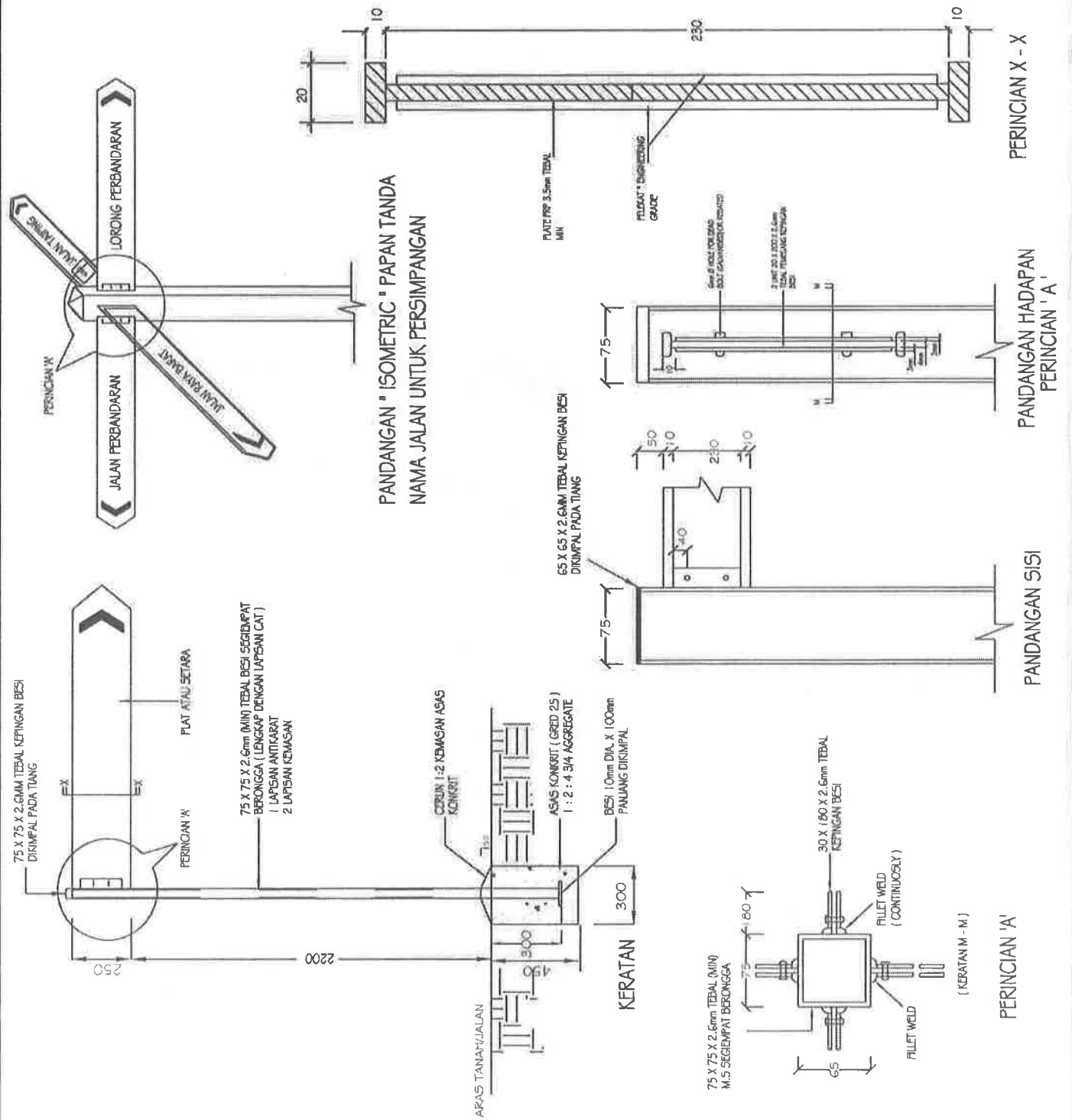
TALUK LURAH

PAPANTANDA ARAH
PIAWAI MPK

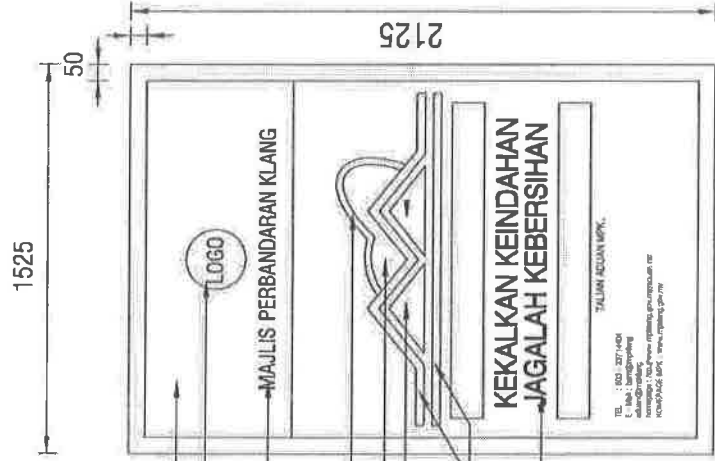
DILUKIS	PJ MOHD AZHAR
DI SEMAK	PJ ZAMRI
SKALA	NIS
DIREKABITUK	PP/PP/AL/ITS
TARIKH	SEPT 2015

PENGARAH
KEJURUTERAAN

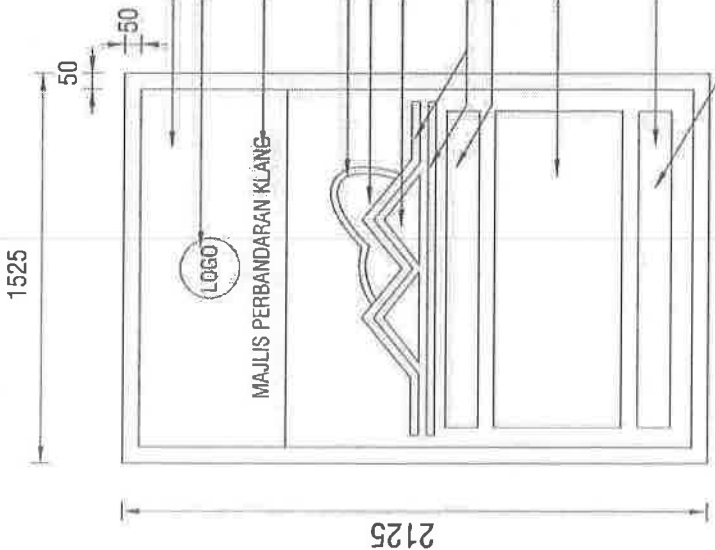
ZAMRI BIN OTMAN
PENGARAH KEJURUTERAAN



<p>DATA:</p> <p>LETTERING / BORDER * ENGINEERING GRADE REFLECTIVE STICKER TO BE COMPUTER CUT. (YELLOW COLOUR)</p> <p>BACKGROUND * ENGINEERING GRADE REFLECTIVE STICKER TO BE COMPUTER CUT. (GREEN COLOUR)</p> <p>MATERIAL PLATE : ALUMINIUM COMPOSITE LOGO : 150 x 150</p>	<p>MAJLIS PERBANDARAN KLANG</p> <p>PROJEK :</p> <p>CADANGAN MEMBEKAL & MEMASANG PAPAN TANDA STANDARD NAMA TAMAN DI KAWASAN MAJLIS. (DUA MUKA)</p> <p>TALUK LUKISAN:</p> <p>FRONT, SIDE ELEVATION.</p>
<p>NO. LUKISAN :</p> <p>PANDANGAN KE LURUTERAHAH:</p> 	<p>DI LUKIS JTD</p> <p>DI SEMAK PJB</p> <p>SKALA N.T.S.</p> <p>TARIKH</p>
<p>ZAMRI BIN OTHMAN.</p>	



PERINCIAN GRAFIK PAPAN TANDA.
 (PANDANGAN BELAKANG)
 N.T.S.



PERINCIAN GRAFIK PAPAN TANDA.
 (PANDANGAN HADAPAN)
 N.T.S.

DATE/RAJ:

LETTERING / BORDER.
 * ENGINEERING GRADE REFLECTIVE
 STICKER TO BE COMPUTER CUT.
 (YELLOW COLOUR)

BACKGROUND.
 * ENGINEERING GRADE REFLECTIVE
 STICKER TO BE COMPUTER CUT.
 (GREEN COLOUR)

MATERIAL:
 PLATE: ALUMINIUM COMPOSITE
 LOGO: 150 x 150

MAJLIS PERBANDARAN KLANG

PROJEK

CADANGAN MEMBEKAL &
 MEMASANG PAPAN TANDA
 STANDARD NAMA TAMAN
 DI KAWASAN MAJLIS.
 (DUA MUKA)

TALUK LUKSAN:

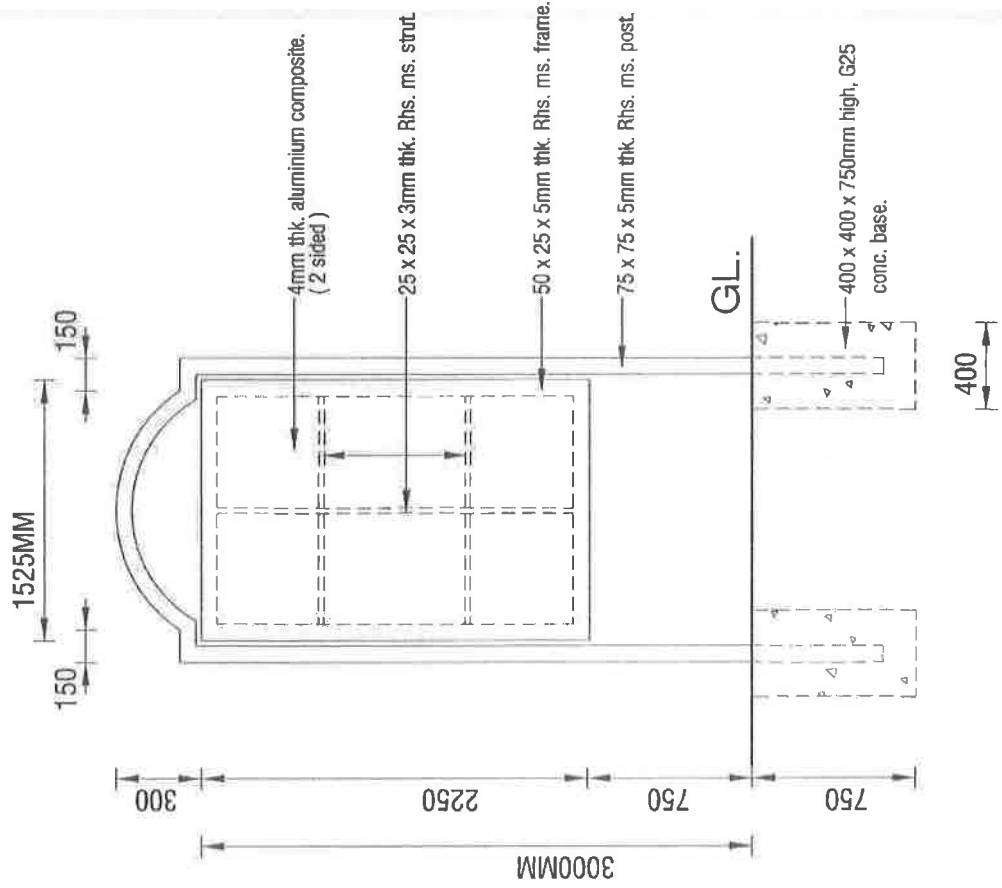
FRONT, SIDE ELEVATION.

DI LUKIS	JTCD
DI SEMAK	PJBA
SKALA	N.T.S.
TARIKH	

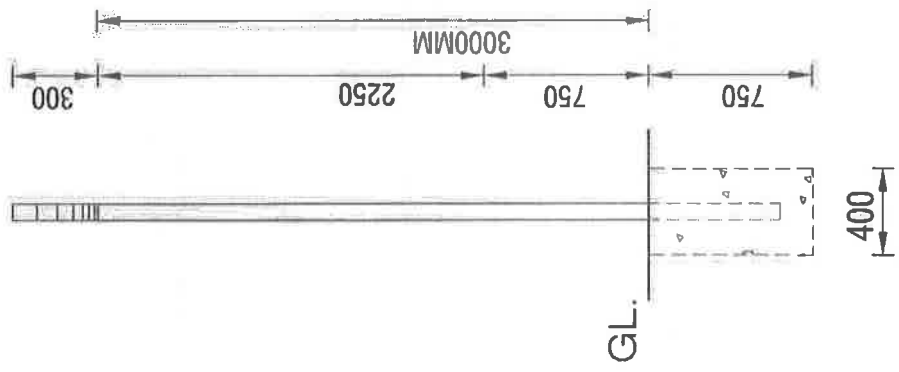
NO. LUKISAN:

PENGARAH KEJURUTERAAN:

ZAMRI BIN OTHMAN.



FRONT ELEVATION.
 NOT TO SCALE.



SIDE ELEVATION.
 NOT TO SCALE.

PART 1
REGULATORY/PROHIBITIVE SIGNS

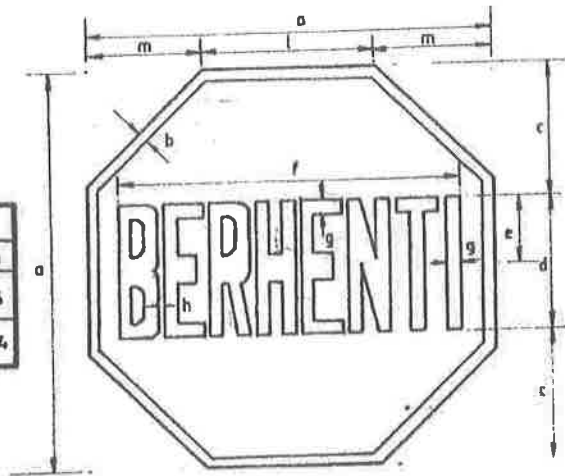
RP.1 STOP AT INTERSECTION

Used in cases where a driver shall stop before entering a priority or major road.

SIGN	DIMENSION (millimeter)									
	a	b	c	d	e	f	g	h	l	m
Minimum	600	16	200	200	100	510	20	10	248	176
Other Size	900	24	300	300	150	765	30	15	372	264

COLOUR

- Background - red
- Border - white
- Lettering - white

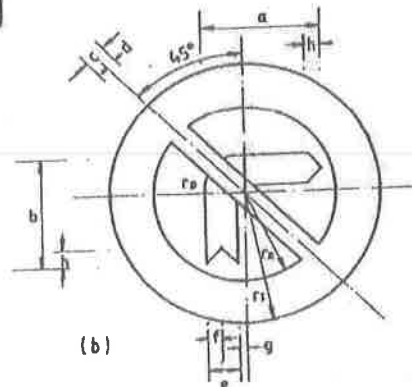
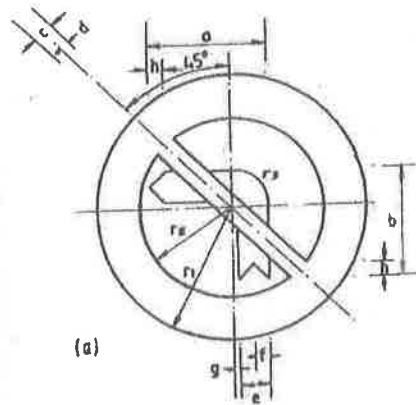


RP.2 TURNING TO THE (a) LEFT or (b) RIGHT PROHIBITED

SIGN	DIMENSIONS										
	a	b	c	d	e	f	g	h	r ₁	r ₂	r ₃
Minimum	265	250	50	25	70	35	15	35	300	200	70
Normal	335	320	65	32.5	90	45	20	45	375	250	90
When Used With Traffic Signal	140	135	25	12.5	30	15	5	15	150	115	30

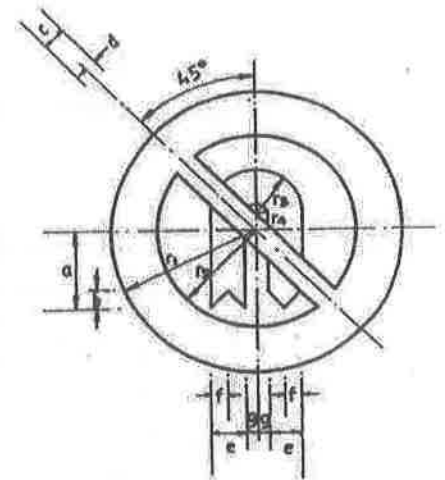
COLOUR

- Circle and diagonal - red
- Symbol - black
- Background - white



RP.3 NO U TURN

SIGN	DIMENSIONS										
	a	b	c	d	e	f	g	r ₁	r ₂	r ₃	r ₄
Minimum	165	35	50	25	70	35	25	300	200	95	25
Normal	205	45	65	32.5	90	45	30	375	250	120	30

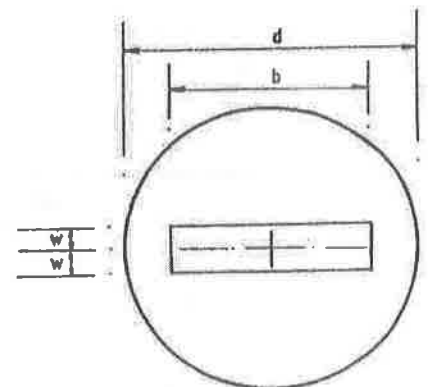


COLOUR

- Circle and diagonal - red
- Symbol - black
- Background - white

RP.4 NO ENTRY FOR ANY VEHICLE

SIGN	DIMENSION		
	d	b	w
Minimum	600	400	50
Normal	750	500	62.5

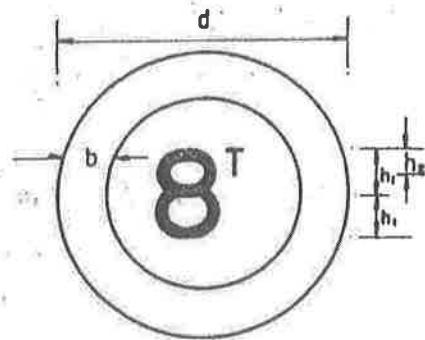


COLOUR

- Symbol - white
- Background - red

RP.5 NO ENTRY FOR VEHICLES HAVING TOTAL WEIGHT EXCEEDING THE SPECIFIED WEIGHT.

SIGN	DIMENSIONS			
	d	b	h ₁	h ₂
Minimum	600	100	90	40
Normal	750	125	120	60



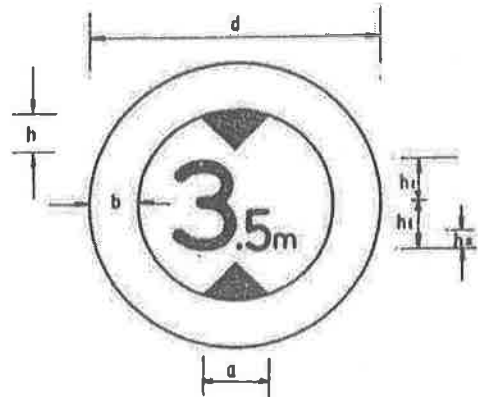
COLOUR:

- Background - white
- Symbol - black
- Circle - red

LETTERING: Series 2 with height as specified.

RP.6 NO ENTRY FOR VEHICLES HAVING OVERALL HEIGHT EXCEEDING THE SPECIFIED HEIGHT (3.5 m is given as an example)

SIGN	DIMENSIONS (millimetres)					
	a	b	d	h	h _a	h _b
Minimum	100	100	600	90	25	75
Normal	150	125	750	120	30	100



COLOUR:

- Background - white
- Symbol - black
- Circle - red

LETTERING: Series 2 with height as specified.

RP.7 SPEED LIMIT

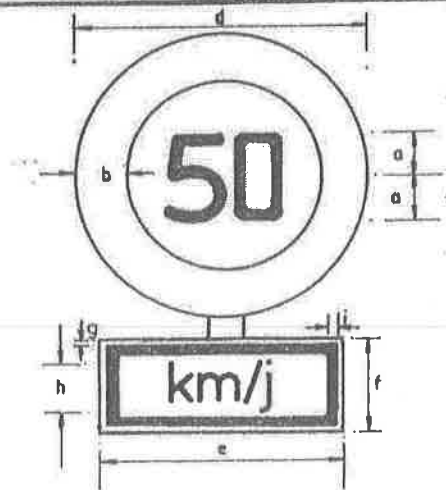
SIGN	DIMENSIONS (millimetres)								
	a	b	d	e	f	g	h	i	
Minimum	90	100	600	500	170	15	80	20	
Normal	110	125	750	625	210	15	100	20	

- COLOUR:**
- Background - white
 - Symbol - black
 - Circle - red

LETTER PLATE :

- Background - white
- Symbol - black
- Border - black

LETTERING : Series 2 with height as specified.

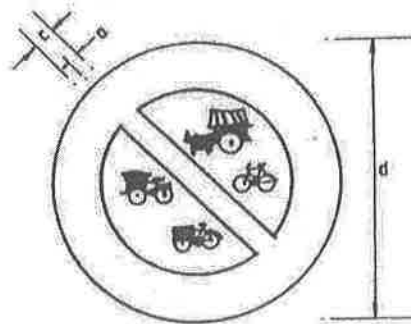


RP.8 NO ENTRY FOR ANIMAL DRAWN VEHICLES
CARTS OF ALL FORMS , TRICYCLES , BICYCLES , TRISHAWS ,
MOTOR CYCLES AND MOPEDS .

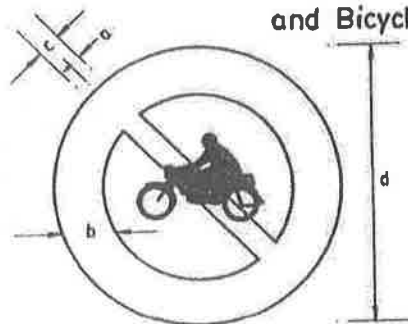
SIGN	DIMENSIONS (millimetres)			
	a	b	c	d
Minimum	25	100	50	600
Normal	32.5	125	65	750

COLOUR :

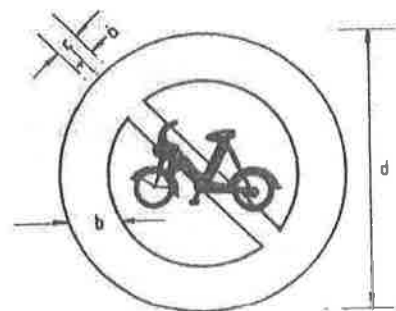
- Background - white
- Symbol - black
- Circle & Diagonal - red.



(a) Animal drawn vehicles /Carts of all forms , Tricycles , Trishaws and Bicycle.



(b) Motor Cycles



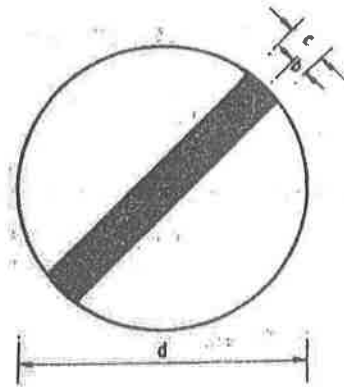
(c) Moped

RP.9 END OF SPEED LIMIT

SIGN	DIMENSIONS		
	b	c	d
Minimum	150	75	600
Normal	185	92.5	750

COLOUR:

- Background - white
- Diagonal - black

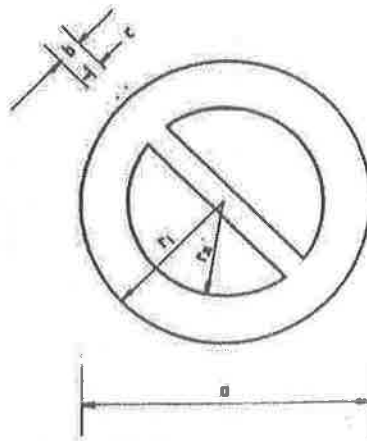


RP.10 PARKING TOTALLY PROHIBITED

SIGN	DIMENSIONS (millimetres)				
	a	b	c	r ₁	r ₂
Minimum	600	50	25	300	200
Normal	750	65	32.5	375	250

COLOUR:

- Background - blue
- Border - red
- Diagonal - red

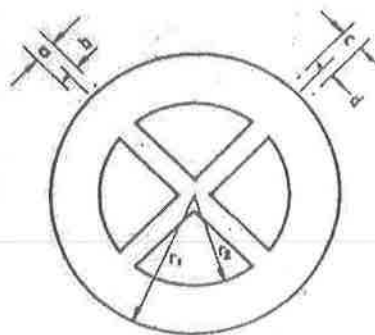


RP.11 STOPPING TOTALLY PROHIBITED

SIGN	DIMENSIONS (millimetres)					
	a	b	c	d	r ₁	r ₂
Minimum	50	25	50	25	300	200
Normal	65	32.5	65	32.5	375	250

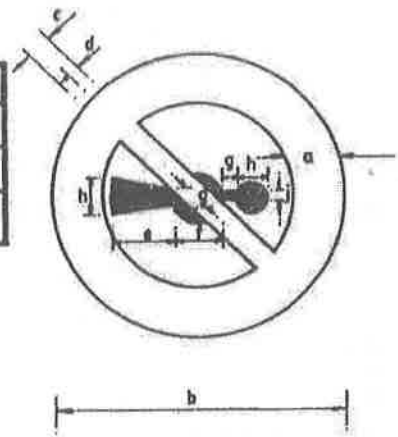
COLOUR:

- Background - blue
- Border & Diagonals- red



RP.12 RESTRICTION ON USE OF HORNS

SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	
Minimum	100	600	50	25	150	100	35	50	15	
Normal	125	750	65	32.5	175	125	45	65	20	



COLOUR :

- Background - white
- Symbol - black
- Circle & diagonal - red

RP.13 GIVE WAY

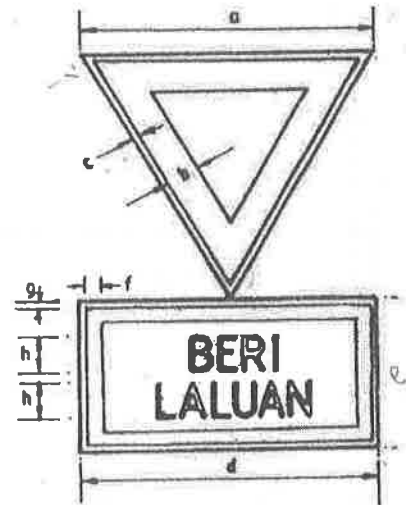
SIGN	DIMENSIONS (millimetres)							
	a	b	c	d	e	f	g	h
Minimum	600	80	15	600	320	25	15	80
Normal	750	100	20	600	320	25	15	80

COLOUR :

- Background/Border - white
- Symbol - red

LETTER PLATE : Lettering & border - red
Background - white

LETTERING : Series 2 with medium spacing .



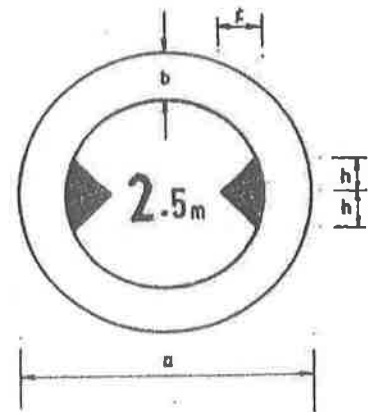
RP.14. NO ENTRY FOR VEHICLES HAVING OVERALL WIDTH EXCEEDING THE SPECIFIED WIDTH.
(2.5m is given as an example.)

SIGN	DIMENSIONS			
	a	b	c	h
Minimum	600	100	90	75
Normal	750	125	120	100

COLOUR :

- Background - white
- Symbol - black
- Circle - red

LETTERING : Series 2 with medium spacing.



RP 15 STOP CHILDREN CROSSING

To be exhibited by a school crossing patrol at places where school children cross the roads on their way to or from schools between the hour of six in the morning and seven in the evening.



DIMENSION: As in No RP.1

(Additional letters for "KANAK-KANAK MELINTAS" to be 50mm. high).

COLOUR : Background - red
 Lettering for 'BERHENTI' - white
 Border - white
 Lettering for 'KANAK-KANAK MELINTAS' - black

RP.16 SPEED ZONE AHEAD

COLOUR : Background - white
 Border - black
 Lettering - black

LETTERING : Series 2, narrow spacing with 80mm letter height.



RP. 17 **NO OVERTAKING**

This sign shall indicate the areas where overtaking is not allowed.

SIGN	DIMENSIONS (millimetres)								
	a	b	c	d	e	f	g	h	i
Minimum	25	100	50	600	320	25	15	80	750
Normal	32.5	125	65	750	320	25	15	80	750

COLOUR:

- Background - white
- Symbol - black
- Circle & Diagonal - red

LETTER PLATE

- Lettering & border red
- Background white

LETTERING: Series 2 with medium spacing

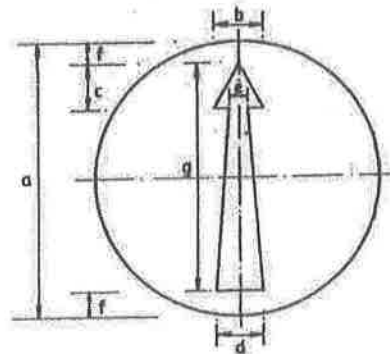
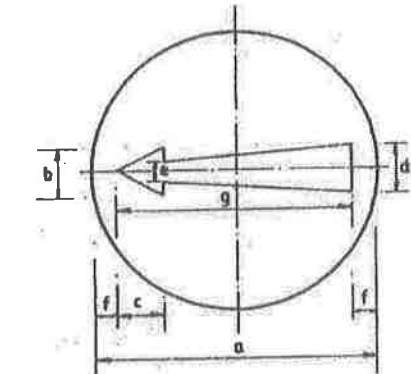


REGULATORY / MANDATORY SIGNS

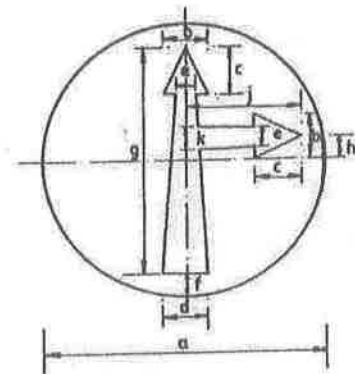
AM.1 DIRECTION TO BE FOLLOWED

The directions indicated by arrows should be varied to suit different site conditions.

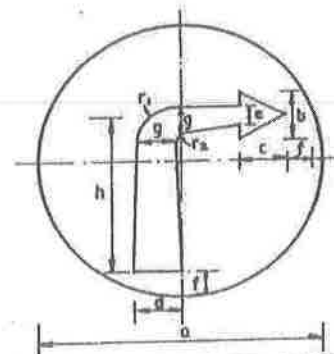
SIGNS	DIMENSIONS (MILLIMETRES)						
	a	b	c	d	e	f	g
Minimum	600	100	100	100	40	50	500
Normal	750	125	125	125	50	65	625



SIGNS	DIMENSIONS (MILLIMETRES)									
	a	b	c	d	e	f	g	h	j	k
Minimum	600	100	100	100	40	50	500	50	250	50
Normal	750	125	125	125	50	65	625	65	310	65



SIGNS	DIMENSIONS (MILLIMETRES)									
	a	b	c	d	e	f	g	h	r ₁	r ₂
Minimum	600	100	100	100	40	50	50	350	70	25
Normal	750	125	125	125	50	65	65	440	90	60



COLOUR

Background - blue
Symbol - white

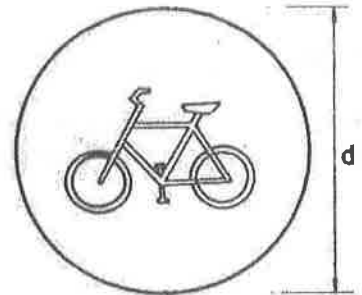
RM.2 COMPULSORY CYCLE TRACK

Applicable to bicycles, tricycles, trishaws, mopeds, motor cycles and animal drawn vehicles / carts of all forms wherever the corresponding sign is indicated.

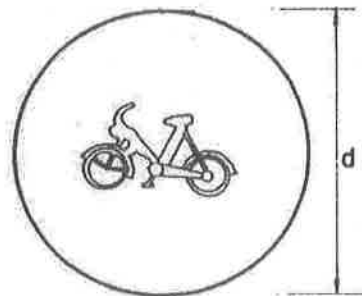
SIGN	DIMENSIONS
	d
MINIMUM	600
NORMAL	750

COLOUR:

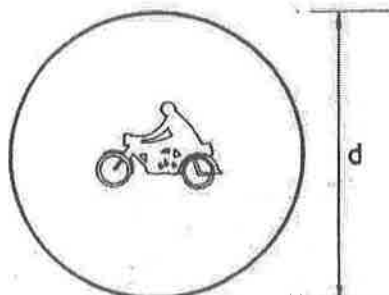
- Background - blue
- Symbol - white



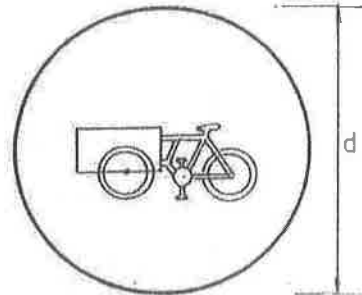
Bicycles



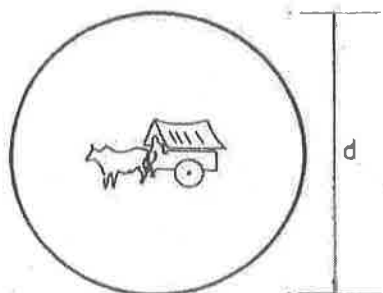
Mopeds



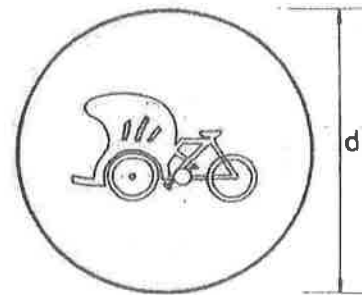
Motor cycles



Tricycles



**Animal Drawn Vehicles /
Carts of all forms**

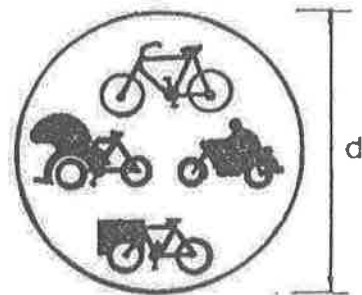


Trishaws

RM. 3 COMPULSORY VEHICLES TRACK.

Applicable to bicycles, tricycles, trishaws and motor cycles wherever the corresponding sign is indicated.

SIGN	DIMENSIONS (mm)
	d
MINIMUM	600
NORMAL	750

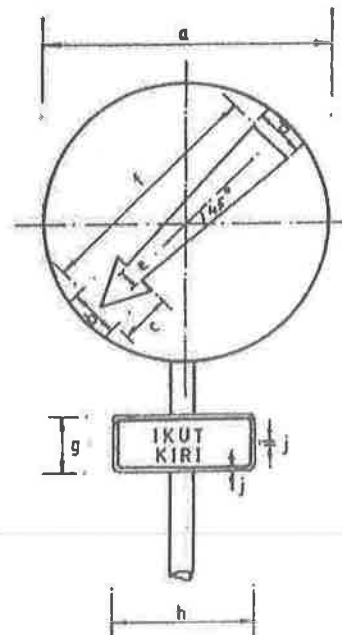


COLOUR:

- Background - blue
- Symbol - white

RM. 4 KEEP LEFT

SIGNS	DIMENSIONS (MILLIMETRES)									
	a	b	c	d	e	f	g	h	j	
Minimum	600	100	100	100	40	500	230	300	5	
Normal	750	125	125	125	50	625	230	300	5	



COLOUR

- Background - blue
- Symbol - white
- Lettering - white

LETTERING - Series 2, medium spacing with 80 mm. lettering height.

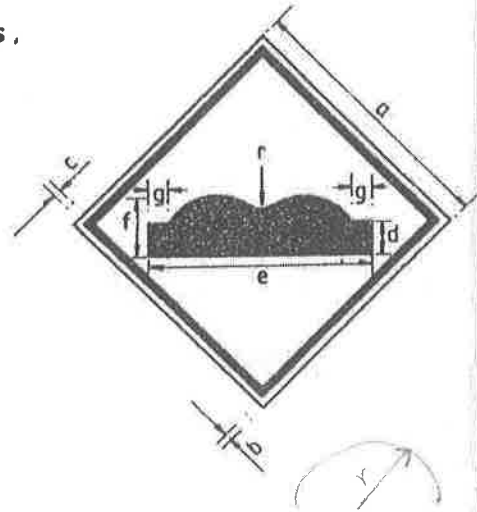
PART 2
WARNING SIGNS

PART 2
WARNING SIGNS

WD.1 UNEVEN ROAD

Approach sign for dips, hump bridges or ridges, or for sections where the carriageway is in bad condition.

SIGN	DIMENSION (millimetres)							
	a	b	c	d	e	f	g	r
Minimum	400	10	10	50	340	90	30	20
Normal	600	10	15	75	510	135	40	30
Other	750	15	20	95	640	170	50	35
Sizes	900	15	25	120	760	200	60	45



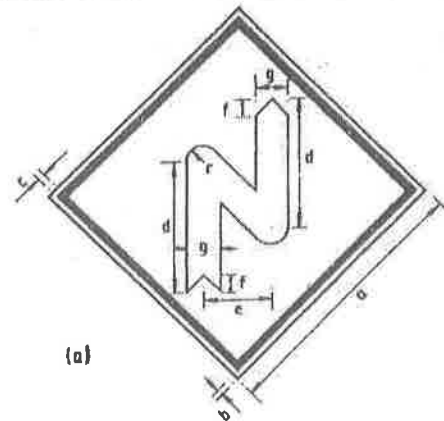
COLOUR

Background - yellow
Border - black
Symbol - black

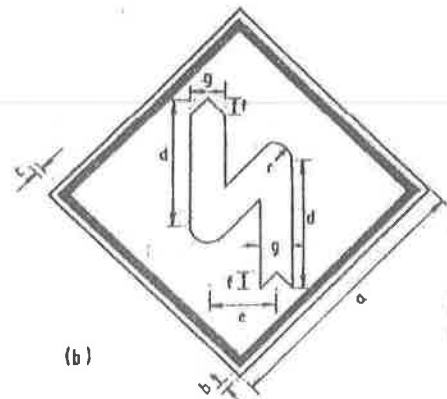
WD.2 DANGEROUS BENDS

Approach sign for double bend, or succession of more than two bends :-
(a) first to the right
(b) first to the left

SIGN	DIMENSION (millimetres)							
	a	b	c	d	e	f	g	r
Minimum	400	10	10	200	100	30	50	25
Normal	600	10	15	300	150	45	80	40
Other	750	15	20	375	190	55	90	45
Sizes	900	15	25	450	225	65	110	55



(a)



(b)

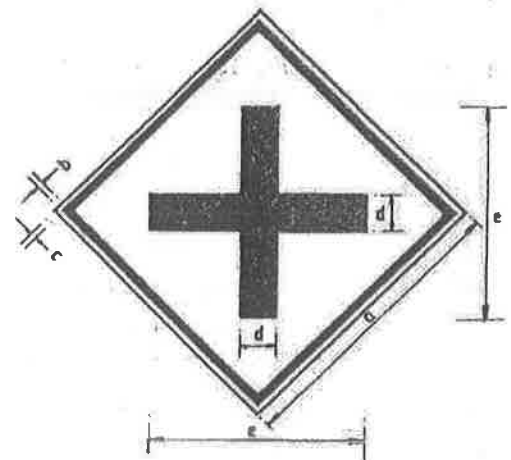
COLOUR

Background - yellow
Border - black
Symbol - black

WD.3 ROAD INTERSECTION

Approach sign for cross roads. For other types of intersections the appropriate symbols shall be used.

SIGN	DIMENSION (millimetres)				
	a	b	c	d	e
Minimum	400	10	10	50	300
Normal	600	10	15	80	450
Other Sizes	750	15	20	90	560
	900	15	25	110	675



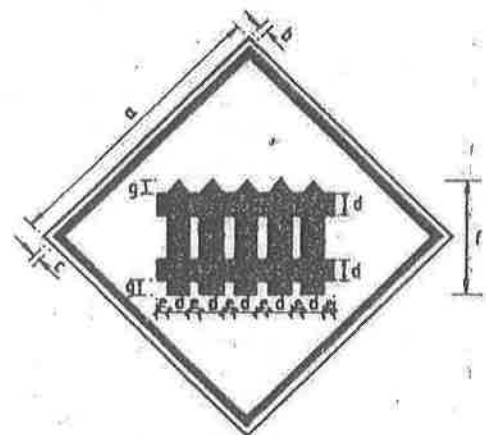
COLOUR

- Background - yellow
- Border - black
- Symbol - black

WD.4 LEVEL CROSSING WITH GATES

Approach sign to each level crossing with gates.

SIGN	DIMENSION (millimetre)						
	a	b	c	d	e	f	g
Minimum	400	10	10	30	15	160	20
Normal	600	10	15	40	20	240	30
Other Sizes	750	15	20	50	25	300	40
	900	15	25	60	30	340	50



COLOUR

- Background - yellow
- Border - black
- Symbol - black

WD.6 RAILWAY AUTOMATIC LEVEL CROSSING

Approach sign to each automatic level crossing.

SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	k
Minimum	400	10	10	30	15	160	20	250	650	20
Normal	600	10	15	40	20	240	30	250	650	20
Other Sizes	750	15	20	50	25	300	40	250	650	20
	900	15	25	60	30	340	50	250	650	20

COLOUR

Background - yellow
 Border / Symbol / Lettering - black

LETTERING - Lettering series 2 with 80mm letter height and medium spacing.



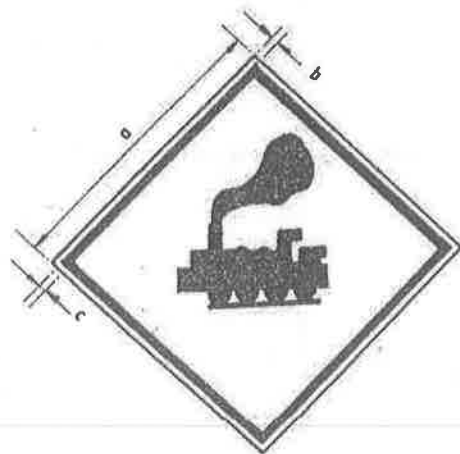
WD.6 LEVEL CROSSING WITHOUT GATE

Approach sign to each level crossing without gates.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

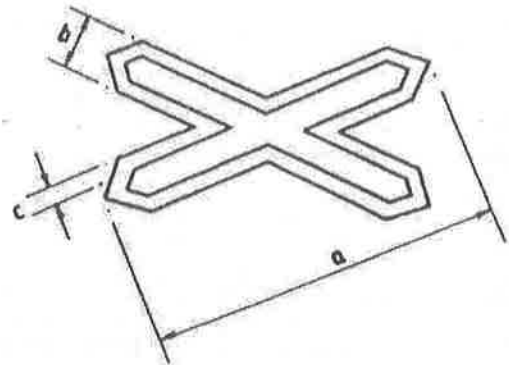
COLOUR

Background - yellow
 Border - black
 Symbol - black



WD.7 LEVEL CROSSING WITHOUT GATE

Additional sign to be used only in conjunction with sign no. WD.6 above, to be situated in the immediate vicinity of the railway line. If sufficient space is not available, the sign may be placed with its points directed upwards and downwards.



SIGN	DIMENSION		
	a	b	c
Minimum	1200	200	50

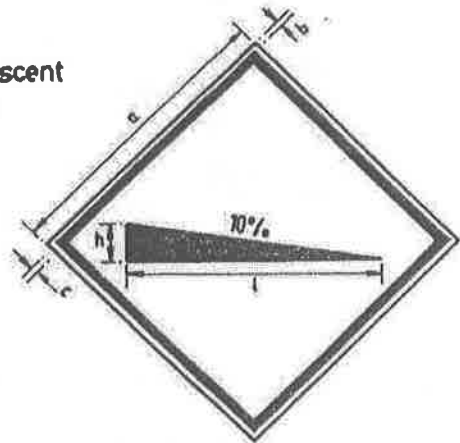
COLOUR : Background - white
Border - red

WD.8 DANGEROUS DESCENT

Approach sign to be used only when the descent exceeds 1:10 or the local conditions are such that it constitutes a danger

SIGN	DIMENSIONS (millimetres)				
	a	b	c	h	l
Minimum	400	10	10	50	350
Normal	600	10	15	75	450
Other	750	15	20	100	550
Sizes	900	15	25	125	600

COLOUR : Background - yellow
Border & Symbol - black

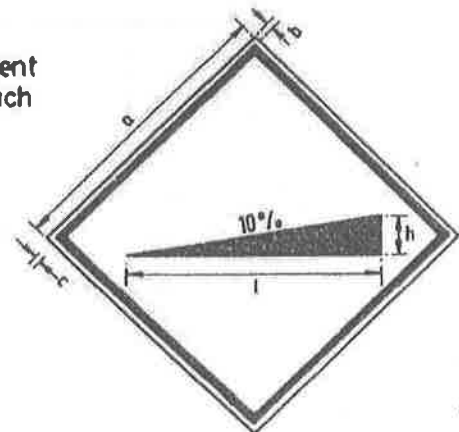


WD.9 DANGEROUS ASCENT

Approach sign to be used only when the ascent exceeds 1:10 or the local conditions are such that it constitutes a danger

SIGN	DIMENSIONS (millimetres)				
	a	b	c	h	l
Minimum	400	10	10	50	350
Normal	600	10	15	75	450
Other	750	15	20	100	550
Sizes	900	15	25	125	600

COLOUR : Background - yellow
Border - black
Symbol - black



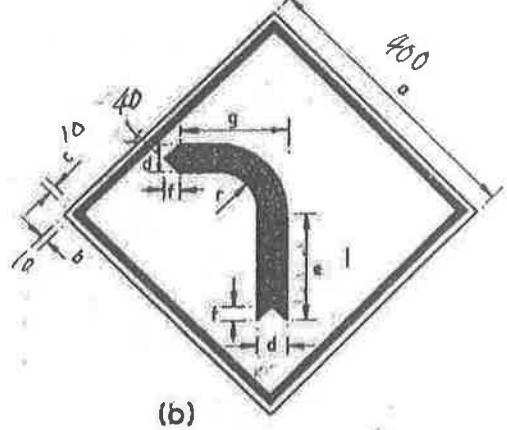
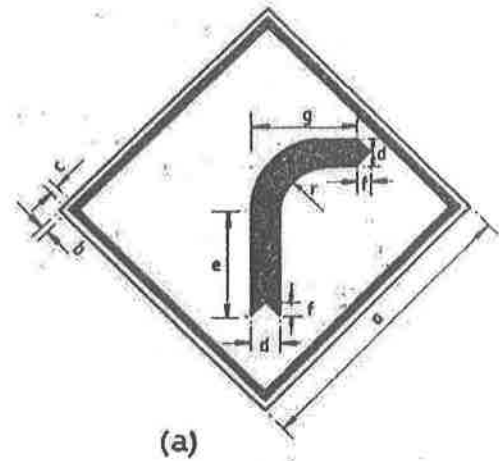
WD.10 LEFT AND RIGHT BENDS.

Approach sign for the use on single bend which is dangerous owing to physical characteristics or reduced visibility (a) to the right, and (b) to the left

SIGN	DIMENSIONS (millimetres)							
	a	b	c	d	e	f	g	r
Minimum	400	10	10	40	150	20	150	60
Normal	600	10	15	50	225	30	225	100
Other	750	15	20	60	275	35	275	125
Sizes	900	15	25	70	300	45	300	130

COLOUR

- Background - yellow
- Border - black
- Symbol - black



WD.11 WINDING ROAD

Approach sign for winding section of road. The figure indicates the distance over which the road is winding (15 km is given as an example here)

SIGN	DIMENSIONS (millimetres)					
	a	b	c	d	e	f
Minimum	400	10	10	500	170	20
Normal	600	10	15	500	170	20
Other	750	15	20	500	170	20
Sizes	900	15	25	500	170	20

Lettering height = 100 mm

COLOUR

- Background - yellow
- Border/Symbol - black
- Lettering - black



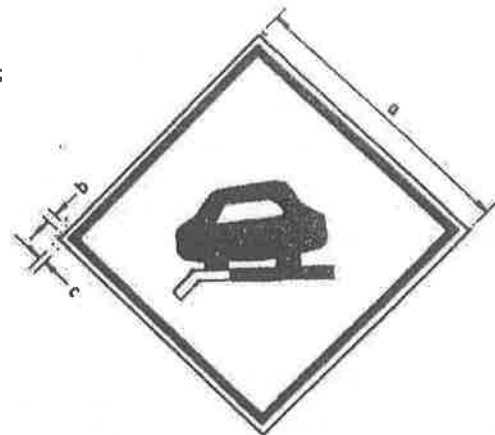
WD.12 SOFT ROAD SIDE TABLE

Approach sign to areas where the side tables of the road are soft and dangerous.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR

- Background - yellow
- Border - black
- Symbol - black



WD.13 SLIPPERY CARRIAGEWAY

Approach sign to a section which under certain conditions may have a slippery surface.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR

- Background - yellow
- Border - black
- Symbol - black



WD.14 PEDESTRIAN CROSSING

Approach sign indicating a pedestrian crossing

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR

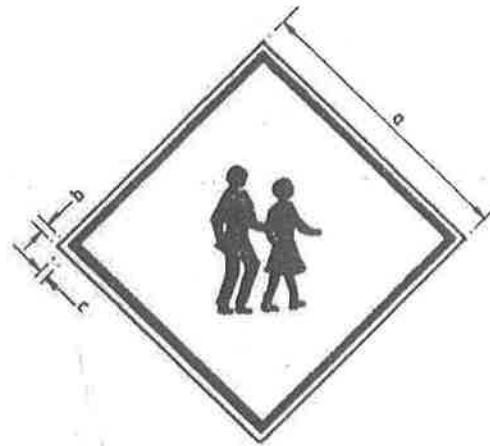
- Background - yellow
- Border - black
- Symbol - black



WD.15 CHILDREN CROSSING

Approach sign to places frequented by children (eg. a school or play - ground).

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25



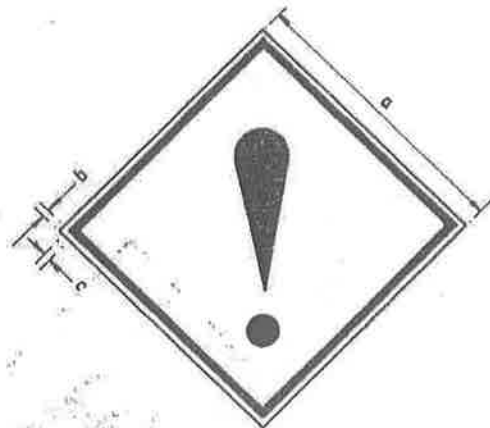
COLOUR

- Background - yellow
- Border/Symbol - black

WD.16 OTHER DANGER

Approach sign for a danger other than the legal signs available. An additional rectangular plate bearing an inscription or symbol may be placed underneath this sign.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25



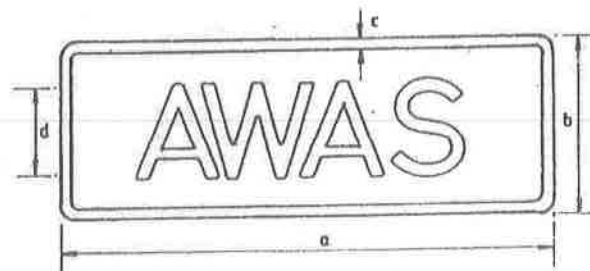
COLOUR

- Background - yellow
- Border/Symbol - black

WD.17 AWAS

Approach sign indicating some sort of danger ahead.

SIGN	DIMENSIONS			
	a	b	c	d
Minimum	1000	500	15	300



COLOUR

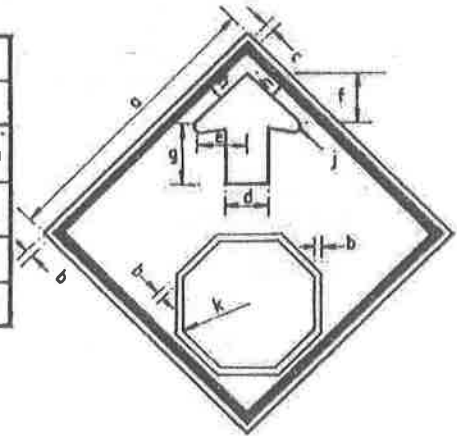
- Background - white
- Border - red
- Lettering - red

LETTERING: Series 2 with medium spacing

WD.18 STOP SIGN AHEAD

Approach sign indicating a stop sign ahead where the traffic has to stop at the stop sign.

SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	k
Minimum	400	10	10	60	70	70	85	20	15	100
Normal	600	10	15	90	110	100	125	30	15	125
Other Sizes	750	15	20	120	145	130	165	40	20	150
	900	15	25	150	170	150	200	50	25	175



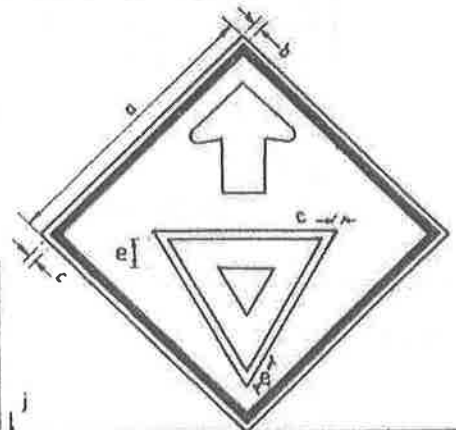
COLOUR

- Background - yellow
- Border and Arrow - black
- Red octagon with white border round the octagon.

WD.19 GIVE WAY SIGN AHEAD

Approach sign indicating a give way sign ahead where the traffic from the road having this sign shall have to give way to the traffic from the road meeting it .

SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	k
Minimum	400	10	10	150	40	600	300	15	10	80
Normal	600	10	15	225	60	600	300	15	10	80
Other Sizes	750	15	20	275	75	600	300	15	10	80
	900	15	25	330	90	600	300	15	10	80



NOTE : The equilateral triangle is constructed from the circle of radius 'd'.
Location and dimensions of the arrow are as WD 18.

LETTERING: Series 2 with wide spacing.

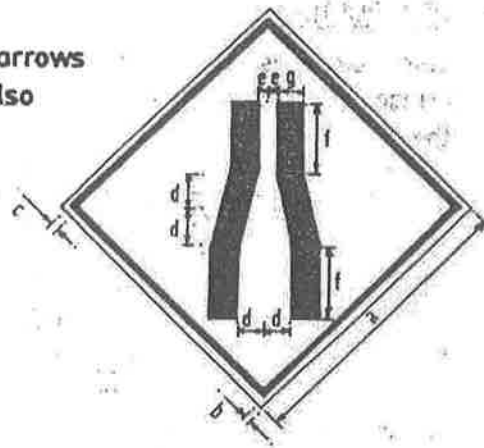
- COLOUR :**
- Background - yellow
 - Border & Lettering - black
 - Red border band and white interior and border for the triangle.

WD.20 CARRIAGEWAY NARROWS

Approach sign indicating that carriageway narrows in such manner as may constitute danger also indicated a narrow bridge.

SIGN	DIMENSIONS							
	a	b	c	d	e	f	g	
Minimum	400	10	10	50	15	100	35	
Normal	600	10	15	75	20	150	45	
Other Sizes	750	15	20	85	25	185	50	
	900	15	25	100	30	225	55	

COLOUR Background — yellow
Border/Symbol — black

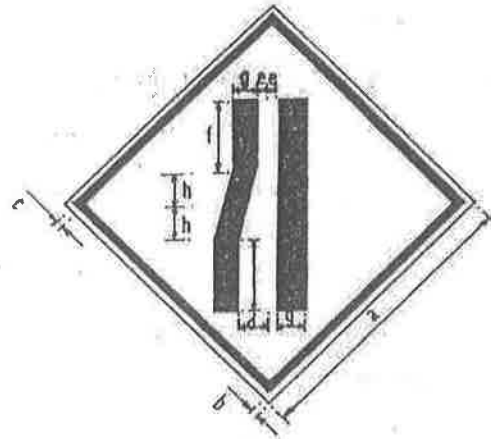


WD.21 ROAD NARROWS

Approach sign for road narrowing

SIGN	DIMENSIONS							
	a	b	c	d	e	f	g	h
Minimum	400	10	10	35	15	100	50	50
Normal	600	10	15	45	20	150	75	75
Other Sizes	750	15	20	50	25	185	85	85
	900	15	25	55	30	225	100	100

COLOUR Background — yellow
Border/Symbol — black



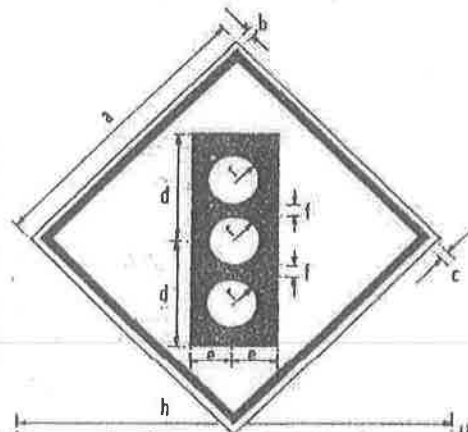
WD.22 TRAFFIC SIGNAL AHEAD

Advance approach sign to a signalised junction.

SIGN	DIMENSIONS										
	a	b	c	d	e	f	g	h	j	k	r
Minimum	400	10	10	150	60	15	300	900	80	20	35
Normal	600	10	15	225	90	20	300	900	80	20	50
Other Sizes	750	15	20	280	110	25	300	900	80	20	65
	900	15	25	335	135	30	300	900	80	20	75

COLOUR Background — yellow
Border/Lettering — black
Black symbol except that the disc. are of red, yellow and green from the top.

LETTERING Series 2 with medium spacing.

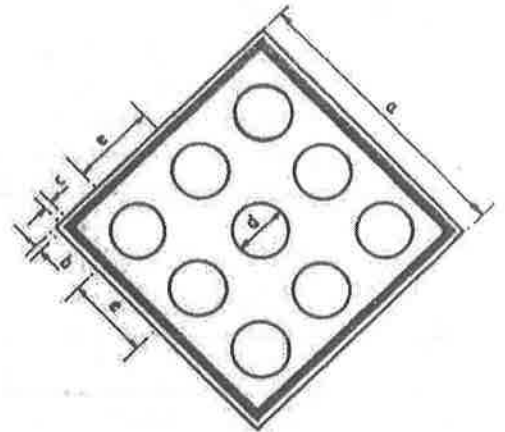


WD. 23 OBSTRUCTION

This sign is used to mark an obstruction bridge pier approach end of an island within the road .

SIGN	DIMENSIONS (millimetres)				
	a	b	c	d	e
Minimum	400	10	10	75	120
Normal	600	10	15	110	180
Other Sizes	750	15	20	140	225
	900	15	25	160	270

COLOUR: Background - yellow
 Border - black
 Circle - red

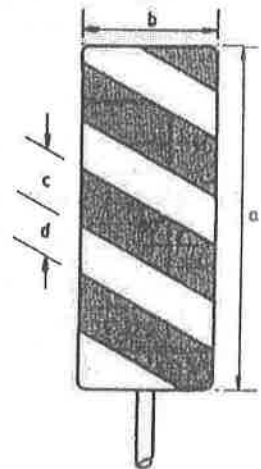


WD. 24 OBSTRUCTION MARKER

The marker is used to delineate bridge ends, underpass and other obstructions within the shoulder or when roadway clearance between bridge parapets is less than the width of the pavement on the approach to the bridge .

SIGN	DIMENSIONS			
	a	b	c	d
Minimum	900	300	125	150

COLOUR: White background with sloping red stripes

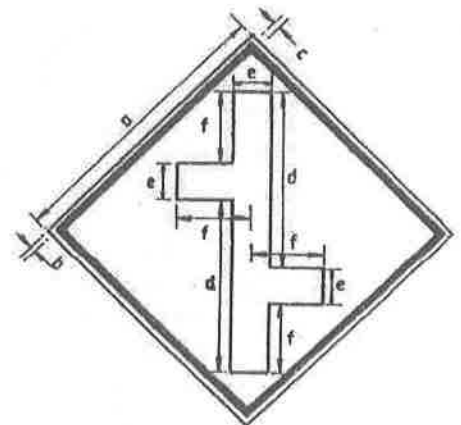


WD. 25 STAGGERED JUNCTIONS

Approach sign to staggered junctions ahead .

SIGN	DIMENSIONS (millimetres)					
	a	b	c	d	e	f
Minimum	400	10	10	250	50	100
Normal	600	10	15	375	75	150
Other Sizes	750	15	20	450	90	180
	900	15	25	550	110	225

COLOUR: Background - yellow
 Border - black
 Symbol - black

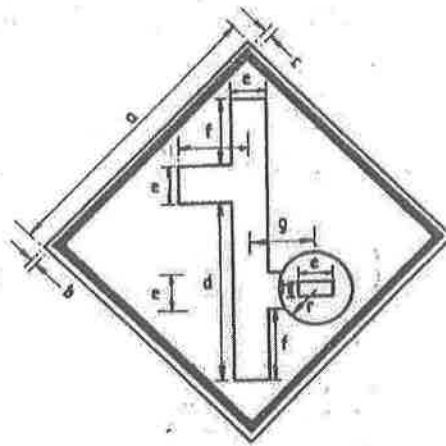


WD.26 STAGGERED JUNCTIONS WITH ONE ROAD CLOSED TO TRAFFIC

SIGN	DIMENSIONS (millimetres)								
	a	b	c	d	e	f	g	h	r
Minimum	400	10	10	250	50	100	90	20	50
Normal	600	10	15	375	75	150	135	30	75
Other Sizes	750	15	20	450	90	180	165	40	90
	900	15	25	550	110	225	200	45	110

COLOUR : Background - yellow
 Border - black
 Symbol - black

In addition, the no entry sign is to follow the colour as gazetted.

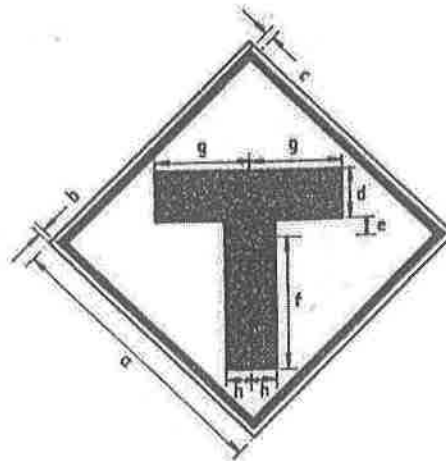


WD.27a. ROAD JUNCTIONS ON THE LEFT & RIGHT

Approach sign to a junction.

SIGN	DIMENSIONS (millimetres)							
	a	b	c	d	e	f	g	h
Minimum	400	10	10	70	25	105	130	35
Normal	600	10	15	100	35	275	200	50
Other Sizes	750	15	20	125	45	340	250	60
	900	15	25	150	55	410	300	75

COLOUR : Background - yellow
 Border - black
 Symbol - black

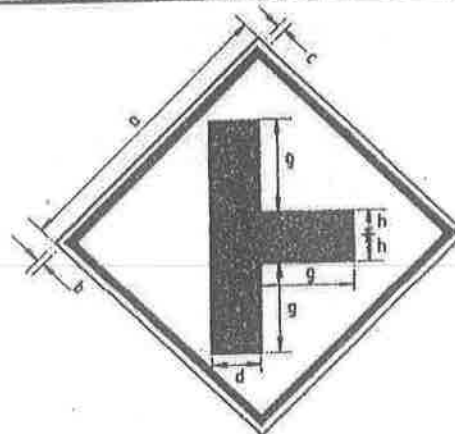


WD.27b. ROAD JUNCTION ON THE RIGHT

Approach sign to a junction

SIGN	DIMENSIONS (millimetres)					
	a	b	c	d	g	h
Minimum	400	10	10	70	130	35
Normal	600	10	15	100	200	50
Other Sizes	750	15	20	125	250	60
	900	15	25	150	300	75

COLOUR : Background - yellow
 Border - black
 Symbol - black

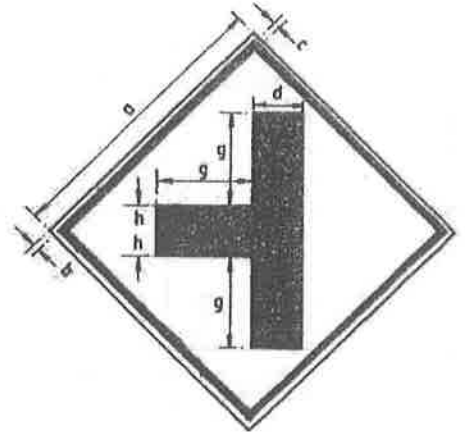


WD.27c. ROAD JUNCTION ON THE LEFT

Approach sign to a junction

SIGN	DIMENSIONS (millimetres)					
	a	b	c	d	g	h
Minimum	400	10	10	70	130	35
Normal	600	10	15	100	200	50
Other Sizes	750	15	20	125	250	60
	900	15	25	150	300	75

COLOUR : Background — yellow
 Border — black
 Symbol — black

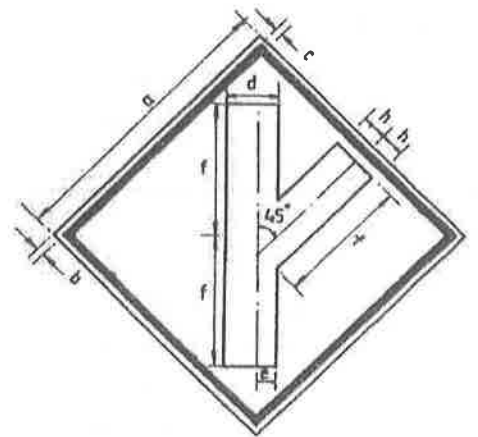


WD.27d. ROAD JUNCTION ON THE RIGHT

Approach sign to a junction.

SIGN	DIMENSIONS (millimetres)							
	a	b	c	d	e	f	h	
Minimum	400	10	10	70	25	185	35	
Normal	600	10	15	100	35	275	50	
Other Sizes	750	15	20	125	45	340	60	
	900	15	25	150	55	410	75	

COLOUR : Background — yellow
 Border — black
 Symbol — black

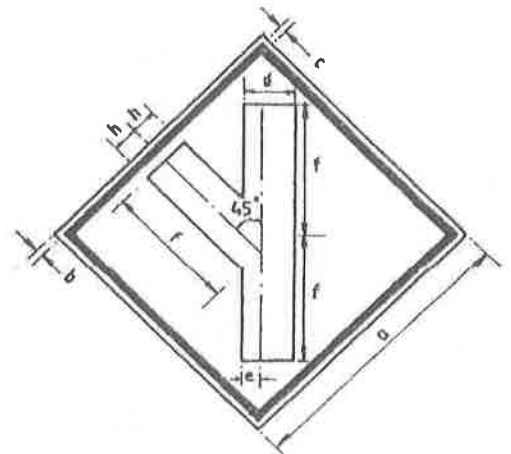


WD.27e. ROAD JUNCTION ON THE LEFT

Approach sign to a junction .

SIGN	DIMENSIONS (millimetres)							
	a	b	c	d	e	f	h	
Minimum	400	10	10	70	25	185	35	
Normal	600	10	15	100	35	275	50	
Other Sizes	750	15	20	125	45	340	60	
	900	15	25	150	55	410	75	

COLOUR : Background — yellow
 Border — black
 Symbol — black

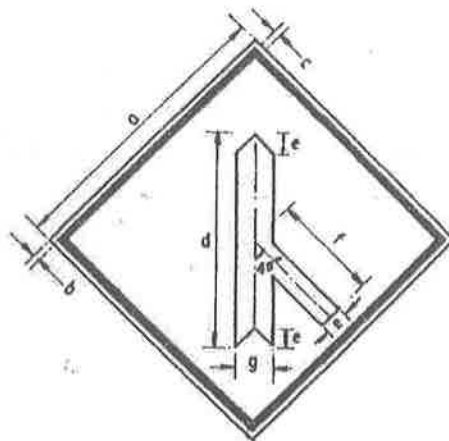


WD.28 a. ROAD JUNCTIONS WITH MINOR ROAD ON RIGHT

Approach sign to junctions with minor roads.

SIGN	DIMENSIONS (millimetres)						
	a	b	c	d	e	f	g
Minimum	400	10	10	300	30	150	50
Normal	600	10	15	450	45	220	75
Other Sizes	750	15	20	550	55	280	90
	900	15	25	675	65	335	110

COLOUR : Background - yellow
 Border - black
 Symbol - black



WD.28 b. ROAD JUNCTIONS WITH MINOR ROAD ON LEFT

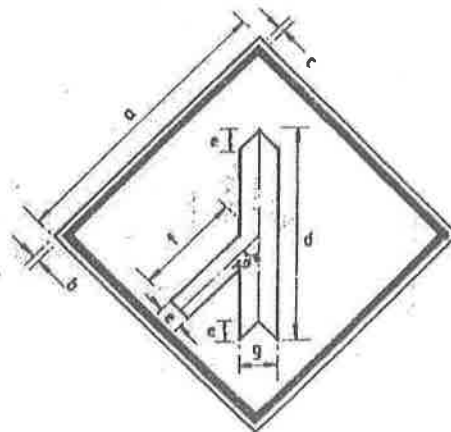
Approach sign to junctions with minor roads

DIMENSIONS :

As in WD.28a.

COLOUR :

Background - yellow
 Border - black
 Symbol - black



WD.29 ROCK FALLING OR SLIDE

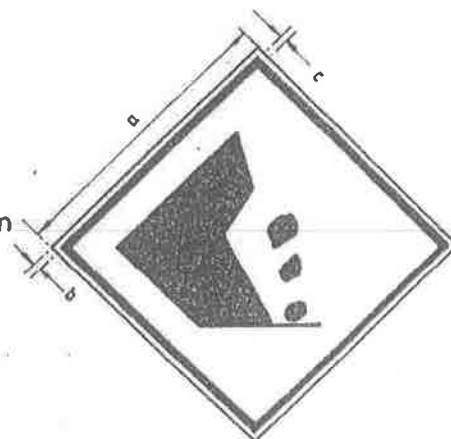
Approach sign to a section of road where there may be rocks falling or landslides

NOTE

The symbol may be shown in a reversed direction

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR : Background - yellow
 Border - black
 Symbol - black



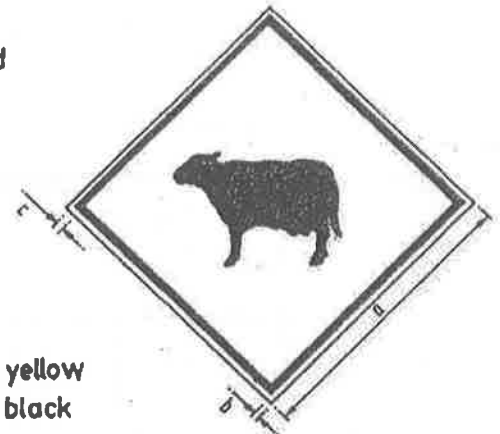
WD.30 CATTLE CROSSING

Approach sign to a section of road frequented by cattle.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR

Background — yellow
Border/Symbol — black



NOTE ;

The direction of the cattle can be reversed.

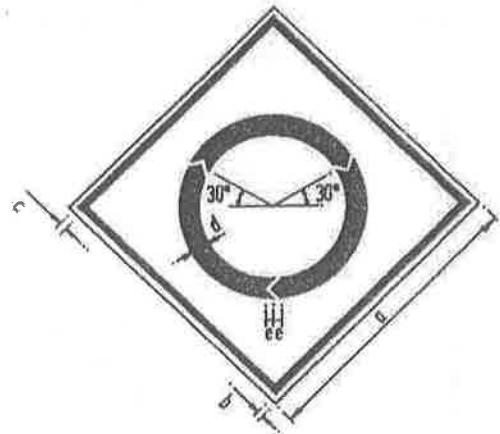
WD. 31 ROUNDABOUT AHEAD

Approach sign to a roundabout ahead.

SIGN	DIMENSIONS					
	a	b	c	d	e	r
Minimum	400	10	10	30	20	100
Normal	600	10	15	45	30	150
Other Sizes	750	15	20	55	40	185
	900	15	25	65	50	225

COLOUR

Background — yellow
Border — black
Symbol — black



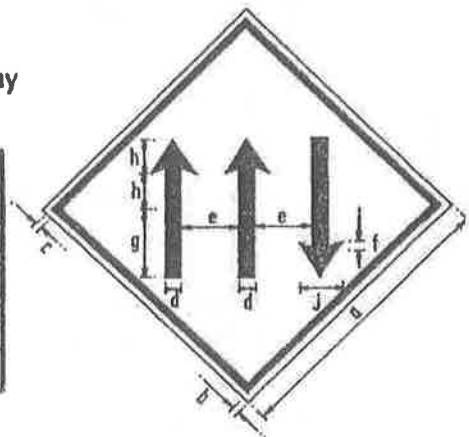
WD. 32a CLIMBING LANE

Approach sign to a section of road having an additional climbing lane or a 3-lane carriageway with two-way traffic.

SIGN	DIMENSIONS								
	a	b	c	d	e	f	g	h	j
Minimum	400	10	10	20	80	10	100	50	60
Normal	600	10	15	30	120	15	150	75	90
Other Sizes	750	15	20	35	150	20	185	95	110
	900	15	25	40	180	25	225	110	135

COLOUR

Background — yellow
Border / Symbol — black



WD.32 b. CLIMBING LANE

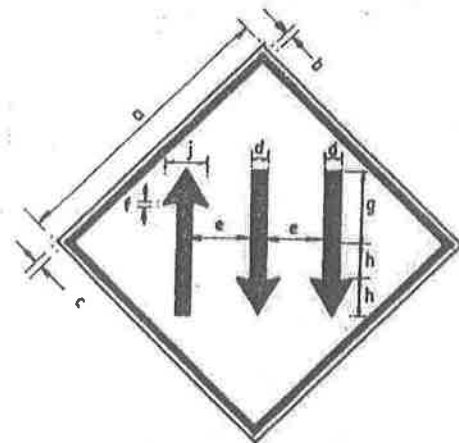
Approach sign to a section of road having an additional climbing lane or a 3-lane carriageway with two-way traffic

DIMENSIONS:

As in WD.32 a

COLOUR :

- Background - yellow
- Border - black
- Symbol - black



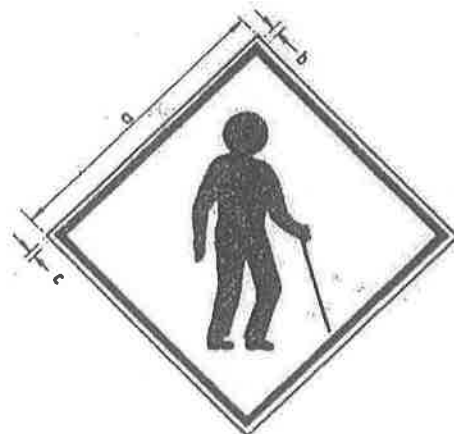
WD.33 BLIND PEOPLE

Approach sign to places frequented by blind people.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR :

- Background - yellow
- Border - black
- Symbol - black



WD.34 CROSSING FOR DISABLED PEOPLE

Approach sign indicating a crossing for disabled persons.

SIGN	DIMENSIONS		
	a	b	c
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR :

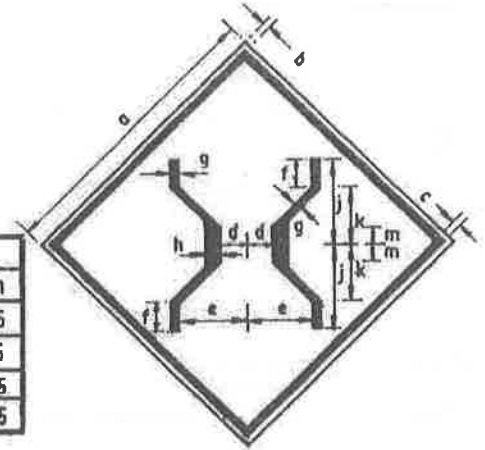
- Background - yellow
- Border - black
- Symbol - black



WD.35 NARROW BRIDGE

Approach sign intended to use in advance of a bridge or culvert having a roadway clearance less than the width of the approach pavement.

SIGN	DIMENSIONS (millimetres)										
	a	b	c	d	e	f	g	h	j	k	m
Minimum	400	10	10	35	80	40	10	20	120	80	25
Normal	600	10	15	45	100	50	15	30	180	100	35
Other	750	15	20	55	120	60	20	40	220	120	45
Sizes	900	15	25	65	140	70	25	50	270	140	55

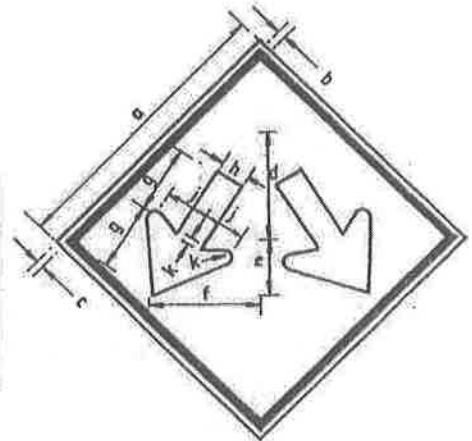


COLOUR: Background — yellow
Border & Symbol - black

WD.36 DOUBLE ARROW

This sign indicates that the traffic is permitted to pass on either side of an island or any obstruction on a road.

SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	k
Minimum	400	10	10	150	75	150	100	40	60	10
Normal	600	10	15	200	100	235	150	60	90	10
Other	750	15	20	250	125	295	195	80	110	15
Sizes	900	15	25	300	150	350	235	95	130	20

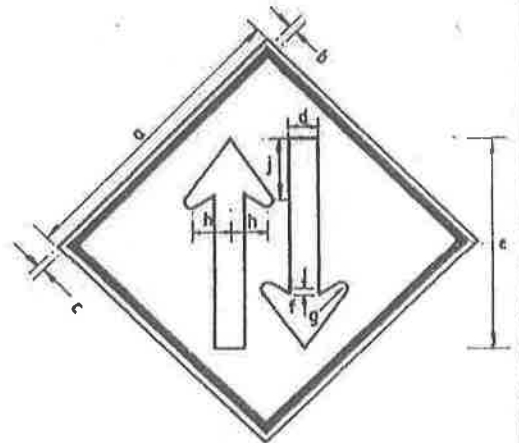


COLOUR: Background — yellow
Border — black
Symbol — black

WD.37 TWO - WAY TRAFFIC

This sign indicates a transition from a separate one-way roadway to a two-way roadway.

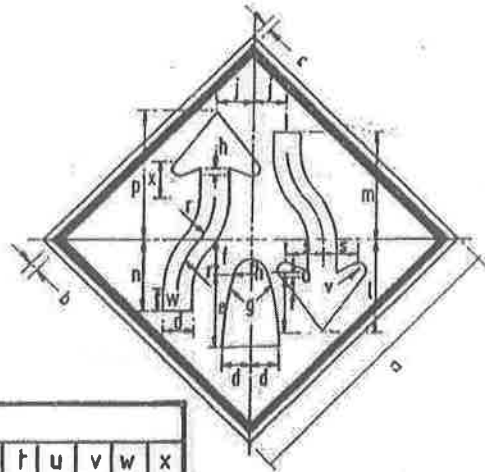
SIGN	DIMENSIONS (millimetres)									
	a	b	c	d	e	f	g	h	j	
Minimum	400	10	10	40	300	10	10	50	85	
Normal	600	10	15	60	450	15	15	75	125	
Other	750	15	20	80	560	20	20	100	165	
Sizes	900	15	25	100	675	25	20	125	200	



COLOUR : Background — yellow
Border — black
Symbol — black

WD.30a DIVIDED HIGHWAY (ROAD) ENDS

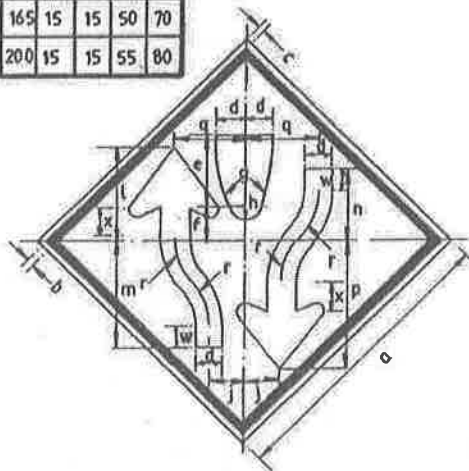
Approach sign indicating the end of a physically divided highway (not an intersection or junction) as a warning two-way traffic ahead.



SIGN	DIMENSIONS (millimetres)																					
	a	b	c	d	e	f	g	h	j	k	l	m	n	p	q	r	s	t	u	v	w	x
Minimum	400	10	10	40	100	50	30	20	50	25	130	150	100	100	100	50	85	10	10	30	50	
Normal	600	10	15	60	150	75	500	30	75	35	195	225	150	270	150	150	75	125	10	10	40	60
Other Sizes	750	15	20	80	200	100	625	40	100	45	250	290	200	340	200	200	95	165	15	15	50	70
	900	20	25	100	250	125	750	50	125	55	300	350	235	400	235	250	115	200	15	15	55	80

WD.38b DIVIDED HIGHWAY (ROAD) AHEAD

Approach sign indicating a section of highway (not an intersection or junction) where the opposing flow of traffic are separated by a physical barrier.



COLOUR:

- Background - yellow
- Border & symbol - black

WD.39a CHEVRON DELINEATOR

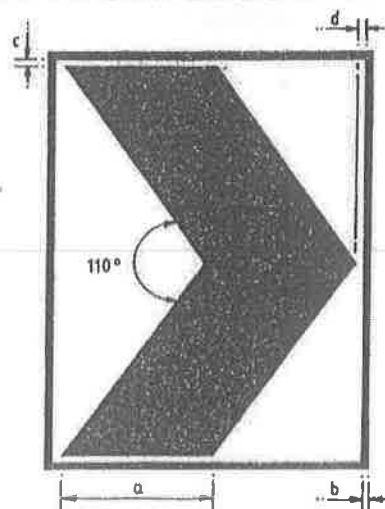
Signs to indicate a hazardous change in horizontal alignment or horizontal and vertical alignment both combined.

DIMENSIONS

	900mm x 750mm	750mm x 600mm	600mm x 450mm
a	375mm	300mm	210mm
b	25mm	15mm	10mm
c	20mm	15mm	10mm
d	20mm	20mm	15mm

COLOUR

- Background - Yellow
- Border/Symbol - black



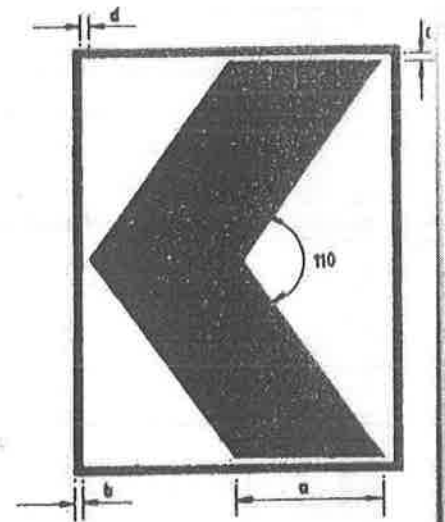
WD.39 b. CHEVRON DELINEATOR

Signs to indicate a hazardous change in horizontal alignment or horizontal and vertical alignment both combined.

DIMENSIONS: As in WD.39 a

COLOUR:

- Background - yellow
- Border - black
- Symbol - black



WD.40 WEIGHBRIDGE STATION

SIGN	DIMENSION (millimetre)					
	a	b	c	d	e	f
Minimum	400	10	10	53	16	24
Normal	600	10	15	80	24	36
Other Sizes	750	15	20	100	30	45
	900	15	25	120	36	54

COLOUR:

- Background - yellow
- Symbol - black
- Border - black



WD. 41 WILDLIFE CROSSING

Approach sign to a section of road frequented by wildlife animal.

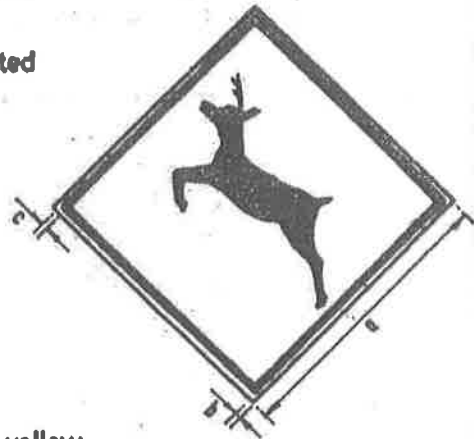
SIGN	DIMENSIONS		
	a	b	e
Minimum	400	10	10
Normal	600	10	15
Other Sizes	750	15	20
	900	15	25

COLOUR

Background - yellow
Border/ Symbol - black

Note:

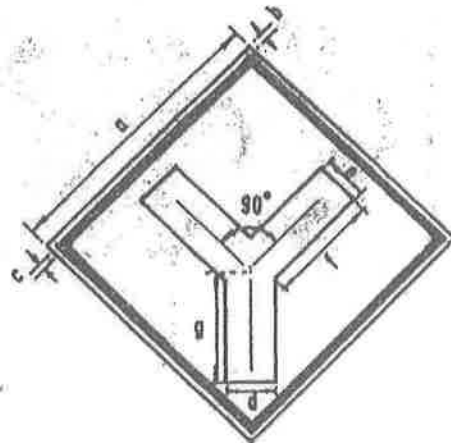
The direction of the deer can be reversed.



WD. 42 ROAD JUNCTIONS ON THE LEFT & RIGHT

Approach sign to a junction.

SIGN	DIMENSIONS						
	a	b	c	d	e	f	g
Minimum	400	10	10	70	35	140	130
Normal	600	10	15	100	50	210	200
Other Sizes	750	15	20	125	60	265	250
	900	15	25	150	75	315	300

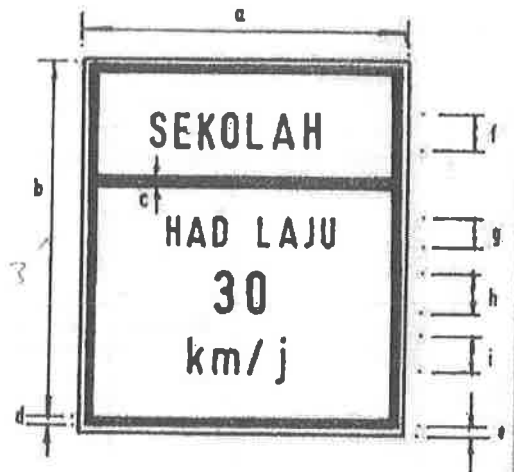


COLOUR

Background - yellow
Border - black
Symbol - black

WD. 43. ADVANCE WARNING
FOR SCHOOL ZONE

SIGN	DIMENSIONS								
	a	b	c	d	e	f	g	h	i
MINIMUM	400	600	15	15	10	80	60	110	90
NORMAL	600	750	15	15	10	100	80	130	90



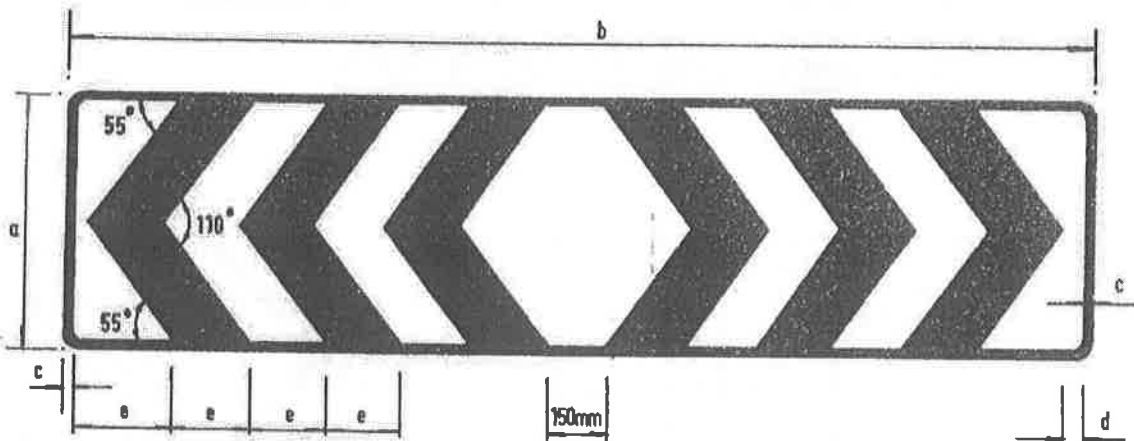
COLOUR

Background - yellow
Border/Lettering - black

LETTERING

Capital letters : series 2 with narrow spacing.
Numeral dimension : series 2 with medium spacing.
Lower case : from table 2.3 & 2.4

WD. 44 CHEVRON



a	600 mm
b	2620 mm
c	15 mm
d	20 mm
e	200 mm

COLOUR

Border/Chevron - Black (non-reflective)
Background -Yellow (reflective)

Note :

Signs shall not be placed less than 18 m from edge of road
mounting height 1.5 m from road level bottom edge of signs.

PART 3
GUIDE SIGNS

PART 3
GUIDE / INFORMATION SIGNS

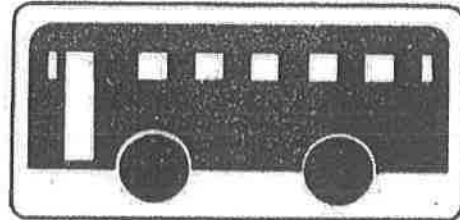
01.1 BUS STOP

DIMENSION :

Rectangle 300mm by 230mm
with 5mm border with symbol

COLOUR :

- | | | |
|------------|---|-------|
| Background | - | white |
| Border | - | black |
| Symbol | - | black |



01.2 NAME OF TOWN OR VILLAGE
(Kajang is given as an example here)

DIMENSIONS:

- a) Variable
- b) Variable
- c) 15 mm
- d) 300 mm minimum
- e) 20 mm minimum



COLOUR:

- | | | |
|------------|---|-------|
| Background | - | white |
| Border | - | black |
| Lettering | - | black |

LETTERING:

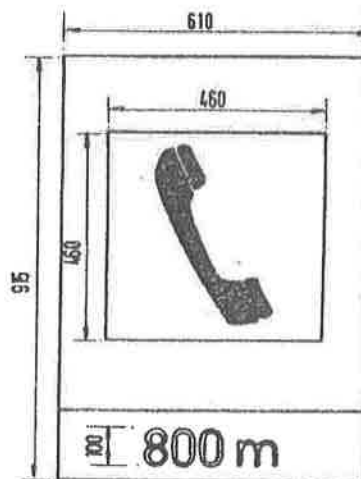
Series 1 with medium spacing

01.3 A PUBLIC TELEPHONE

COLOUR : Traffic blue background ,white square and rectangle , black symbol and white lettering.

LETTERING : Series 1 with 100mm letter height.

NOTE : The words 800 m can be deleted or other words (eg: 400 m , 1km) substituted where appropriate.

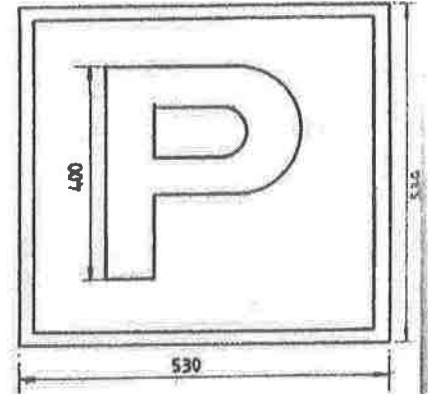


G1.4 PARKING

Descriptions may be placed on a plate beneath the sign specifying :-

- a) The hours during which parking is permitted
- b) The days on which parking is permitted alternatively on one side or the other of the road.
- c) The reservation of the parking place for particular classes of vehicles .

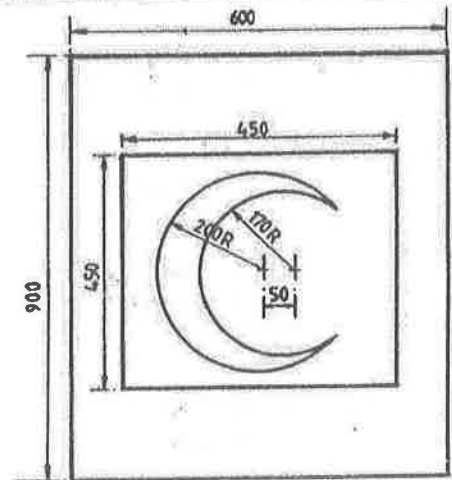
COLOUR : Traffic blue background with white border and letter.



G1.5 FIRST AID STATION

Approach sign to the location of an institution where only First Aid facilities are available

COLOUR : Blue background white square and red crescent .



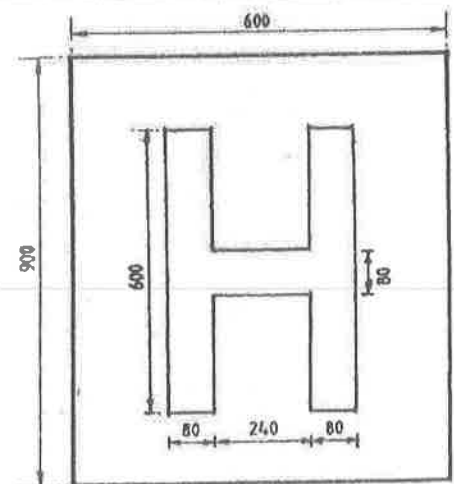
G1.6 HOSPITAL

DIMENSIONS

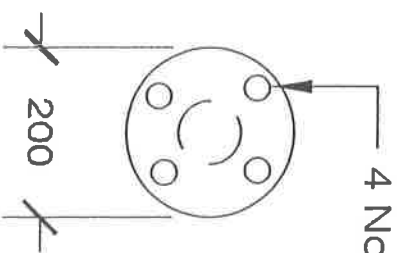
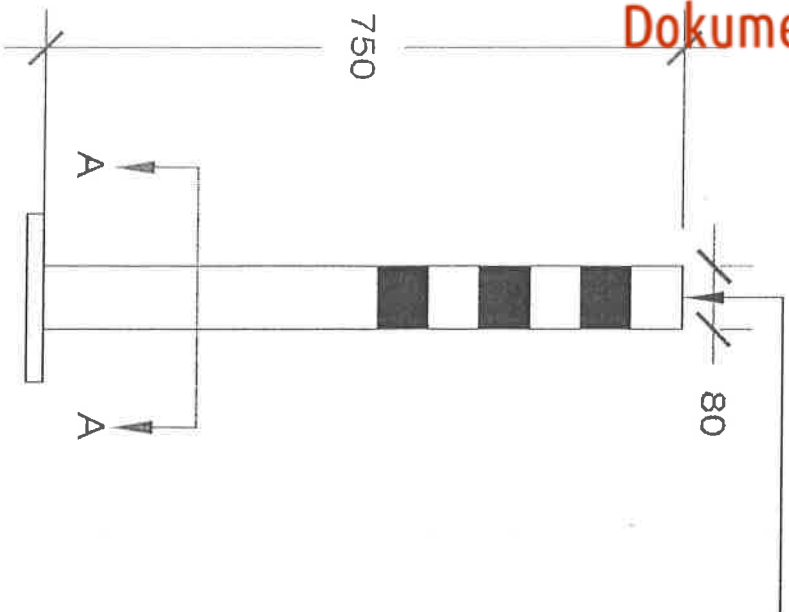
Rectangle 900 mm by 600 mm

COLOUR:

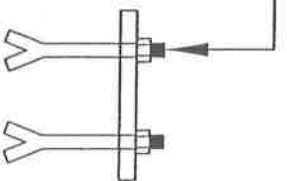
Traffic blue background , white symbol



75mm Ø flexible post (polyurthene) with 3M reflective sticker installed with 200mm Ø heavy duty rubber plate base



4 Nos. M30 fishtail bolt & nut



CATTAN

COLOUR: ORANGE

MATERIAL: MADE FROM SPECIAL RUBBER POLYURTHERNE

WEIGHT: 1.5 KG

HEIGHT : 750mm

MAJLIS PERBANDARAN KLANG

TAJUK PROJEK

MEMBEKAL DAN MEMASANG FLEXIBLE POST DI KAWASAN MAJLIS PERBANDARAN KLANG

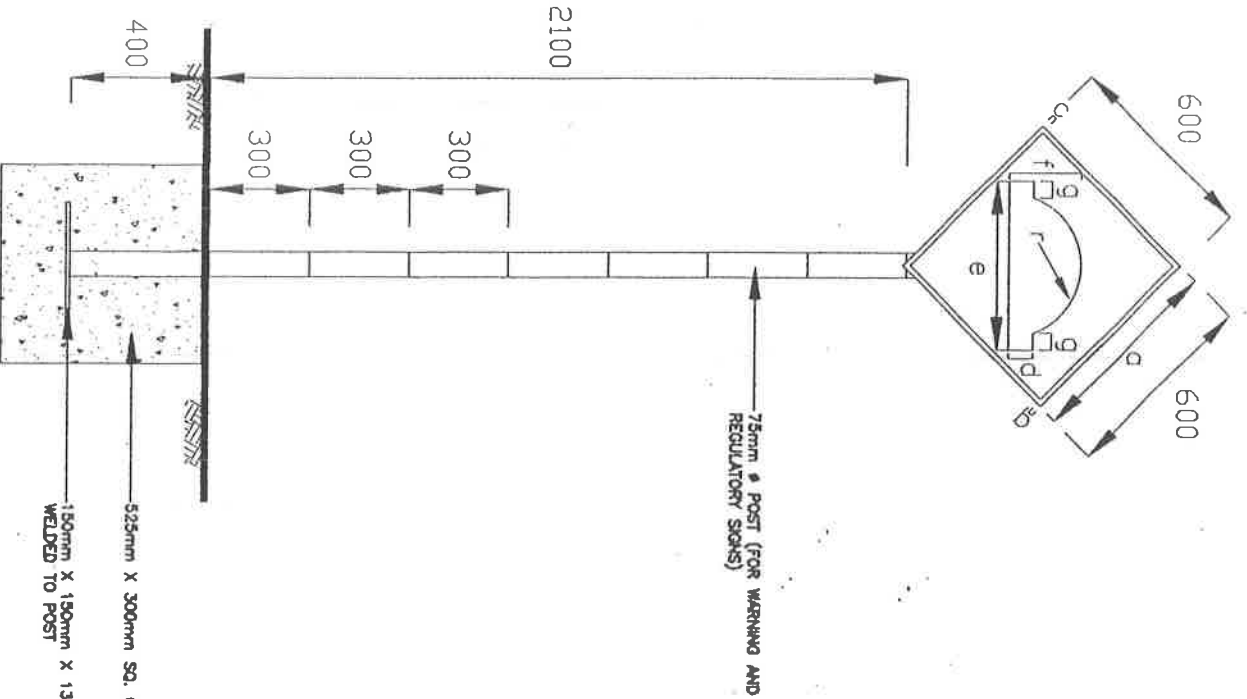
TAJUK PELAN

FRONT VIEW

DILUKIS	PPJL
DISEMAK	PJ
SKALA	NTS
TARIKH	2017
NO.FAIL	
NO. LUK.	

PENGARAH KEJURUTERAAN

Zamri Bin Othman
(ZAMRI BIN OTHMAN)



SIGNS	DIMENSION (millimetres)							
	a	b	c	d	e	f	g	r
MINIMUM	400	10	10	50	340	90	30	20
NORMAL	600	10	15	75	510	135	40	30
OTHER SIZES	750	15	20	95	640	170	50	35
	900	15	25	120	760	200	60	45

CACATAN

1. SEMUA PELEKAT DIGUNAKAN HENDAKLAH DARI ~~SAIZ~~ SAIZ PANTULAN CAHAYA ~~ENGINEERING~~ GRADE" (3M ATAU SETARA)
2. PAPAN BELAKANG HENDAKLAH MENGGUNAKAN 3MM TEBAL ALUMINIUM KOMPOSIT YANG DIPERKUAT DENGAN KERANGKA BESI "RHS 25MM X 32MM"
3. TANG PAPANANDA HENDAKLAN DARRPADA BESI BERGALVANI SAIZ 65MM Ø DENGAN KETINGGIAN BERSIH TIDAK KURANG DARI 2 METER DARI ARAS TANAH
4. ASAS KONKRIT HENDAKLAH DARI GRED 20DENGAN UKURAN TIDAK KURANG DARI 300MM PERSEGI X 500MM DALAM 5. SAIZ HURUF TIDAK KURANG 100MM TINGGI
6. PAPANANDA ADALAH JENIS SATU (1) MUKA SAHAJA

MAJLIS PERBANDARAN

KLANG

TAJUK PROJEK
MEMBINA DAN MEMBEKAL PAPANANDA BONGGOL DI SEKITAR MAJLIS PERBANDARAN KLANG

TAJUK PELAN
SIGN DETAIL

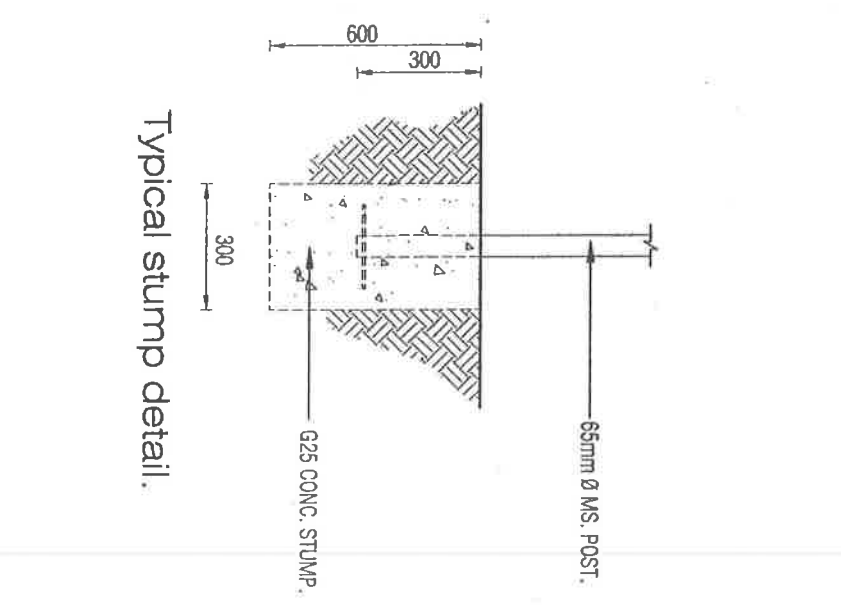
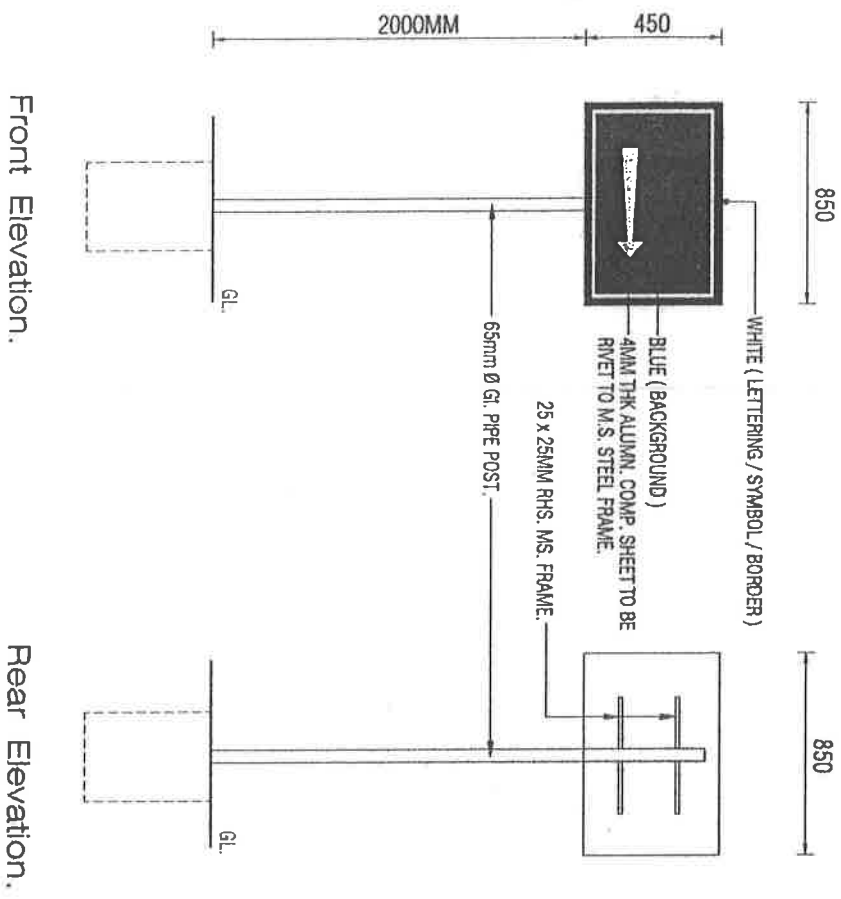
DILUKIS	JT FEL
DISEMAK	PT MSK
SKALA	NTS
TARIKH	JAN 2008
NO. FAIL	
NO. LUK	

PENGAJARAN KEJURUTERAAN

ZAMRI BIN OTHMAN

PENGARAH KEJURUTERAAN

MAJLIS PERBANDARAN



CATATAN

- SEMUA PERAKAT DIGUNAKAN HENDAKLAH DARI JENIS PANTULAN CAHAYA ENGINEERING GRADE (3M ATAU SETARA)
- PAPAN BELAKANG HENDAKLAH MENGGUNAKAN 4MM TEBAL ALUMINUM COMP. SHEET TO BE KEKAWAN BESI, RHS. 25 x 25MM.
- SAS KONGKIT HENDAKLAH DARI GRED 25 DGR. KURBAN TIDAK KURANG DARI 300MM PERSEGI X 6.10MM DALAM
- TANG DUDUK MENGGUNAKAN SATU (1) LARISAN CAHAYA KAWAT 3 DAN (2) LARISAN CAHAYA KAWAT 1.5MM (3) ATAU YA SETARA, MENGGUNAKAN WAKVA FULH.
- PAPAN ANDA ADALAH JENIS SATU (1) MUKA SAHALA.

CATATAN:

LATAR BELAKANG	BIRU
TULISAN	PUTIH
BARISAN	PUTIH

PROJEK

MAJLIS PERBANDARAN KUANG

CADANGAN MEMBEKAL MEMASANG PAPAN TANDA STANDARD ~~DILARANG MASUK~~

TALUK

TYPICAL ELEVATION.
TYPICAL SECTION.

DI LUKS	JT CD
DI SEMAK	PTA. MSK
SKALA	N.T.S
TARIKH	FEB. 2010
NO. FAL	
NO. LUKSAN	P.T.-1/1

FENGGALAH KEJURUTERAAN

ZAMRI BIN OTHMAN
PENGAHRAH KEJURUTERAAN
MAJLIS PERBANDARAN KUANG

