



Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications



Standard Construction Details - Series 1200

April 2017

Standard Construction Details (SCDs) – Series 1200

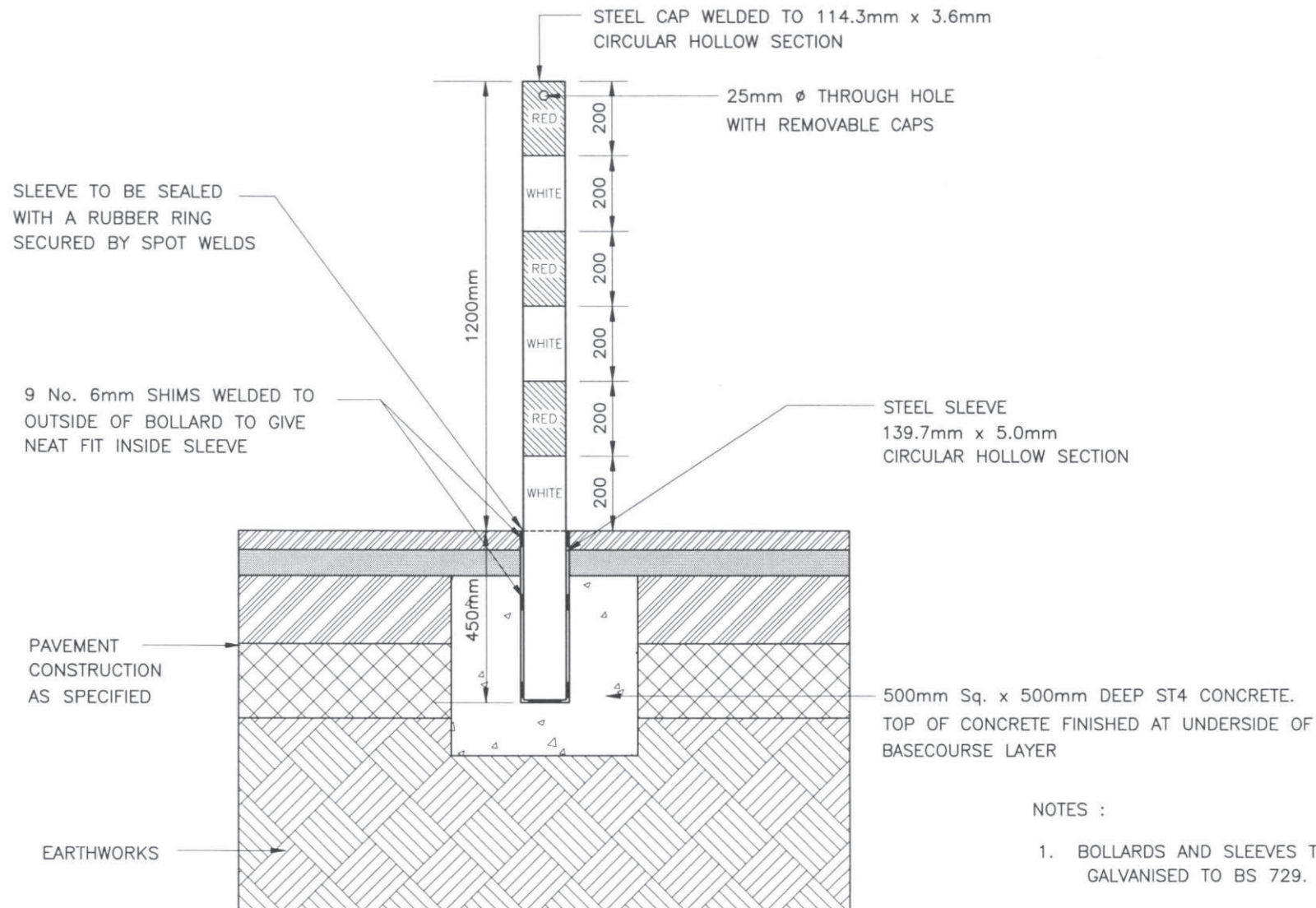
TII Publications contains Standard Construction Details (SCDs) for use on National Road schemes in Ireland. This composite document brings together all the Series 1200 SCDs from TII Publications current at the date of this document's publication, into a single location for convenience.

Every effort has been made to keep this composite document updated and available from the TII Publications website (<http://www.tiipublications.ie/>). Please note that the SCD drawings available from the TII Publications website (individually linked below) are the controlled versions for all SCDs.

The SCDs contained in this document are as follows:

Series 1200 Traffic Signs

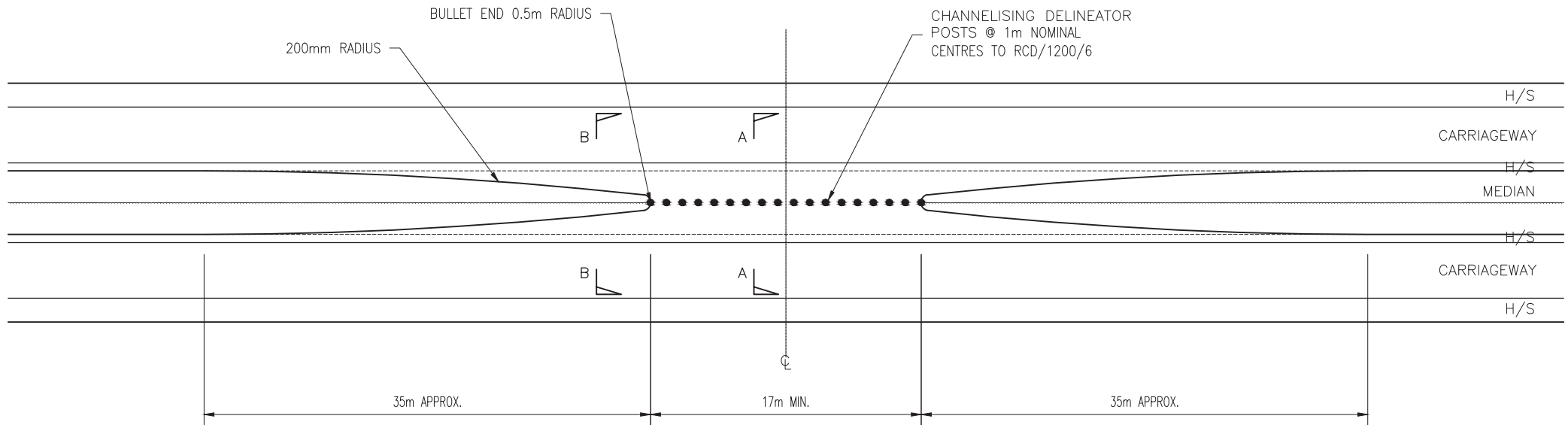
CC-SCD-01201	Traffic Signs - Demountable Bollard
CC-SCD-01202	Information Signs - Typical Emergency and Contra-Flow Crossovers
CC-SCD-01203	Information Signs - Safety Barrier Reflectors TSM Chapter 6
CC-SCD-01204	Information Signs - Junction Definition Post TSM Chapter 4
CC-SCD-01205	Information Signs - Pole Extension
CC-SCD-01206	Information Signs - Delineator Posts
CC-SCD-01207	Information Signs - Nosing Markers TSM Chapter 6
CC-SCD-01208	Information Signs - Nosing Markers
CC-SCD-01209	Information Signs - Typical Mounting Arrangement 'Cranked' Finger Post
CC-SCD-01210	Information Signs - Service Sticker Details



NOTES :

1. BOLLARDS AND SLEEVES TO BE GALVANISED TO BS 729.
2. BOLLARDS TO BE PAINTED RED AND WHITE.

TII PUBLICATION NUMBER: CC-SCD-01201

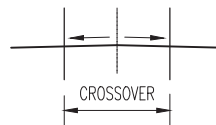


PLAN

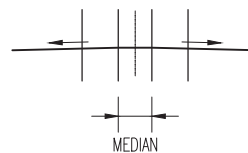
SECTION A-A

SECTION B-B

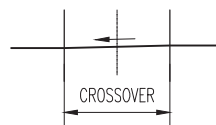
NORMAL CROSSFALL



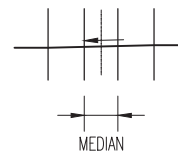
NORMAL CROSSFALL



SUPERELEVATED CARRIAGEWAY (RH CURVE SHOWN, LH CURVE SIMILAR BUT LEFT HANDED)



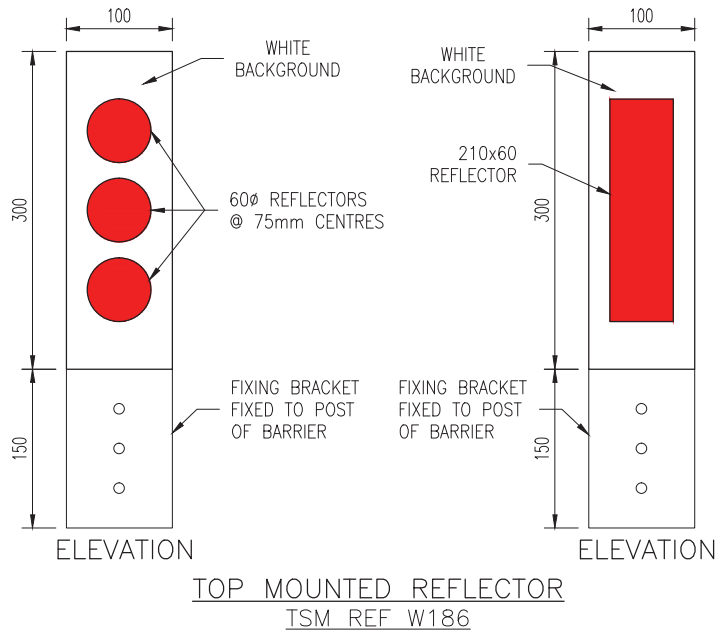
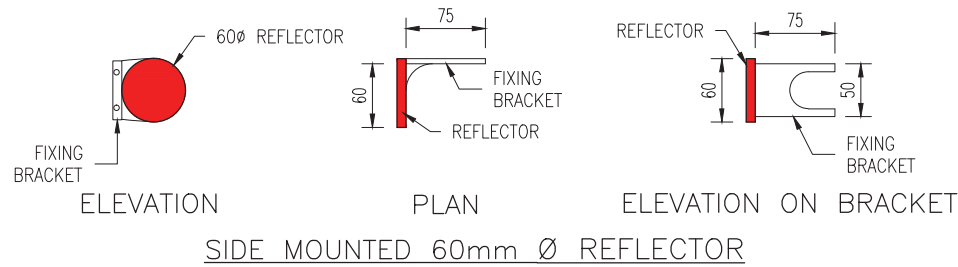
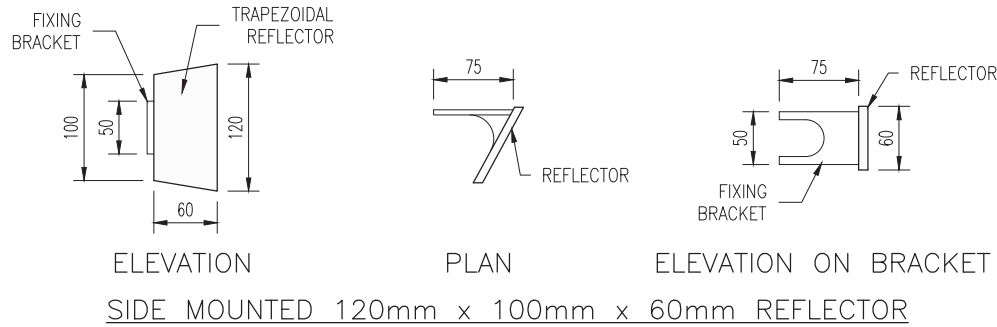
SUPERELEVATED CARRIAGEWAY (RH CURVE SHOWN, LH CURVE SIMILAR BUT LEFT HANDED)



NOTE:
1. CONSIDERATION WILL NEED TO BE GIVEN TO DRAINAGE OF SUPERELEVATED CARRIAGEWAYS AND CARRIAGEWAYS WHERE A GRADIENT APPLIES ACROSS THE MEDIAN.

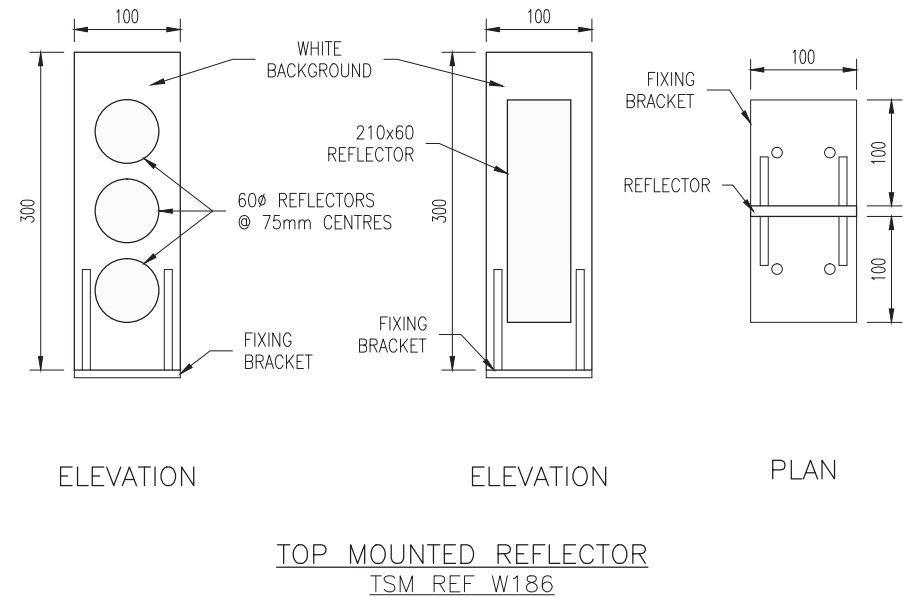
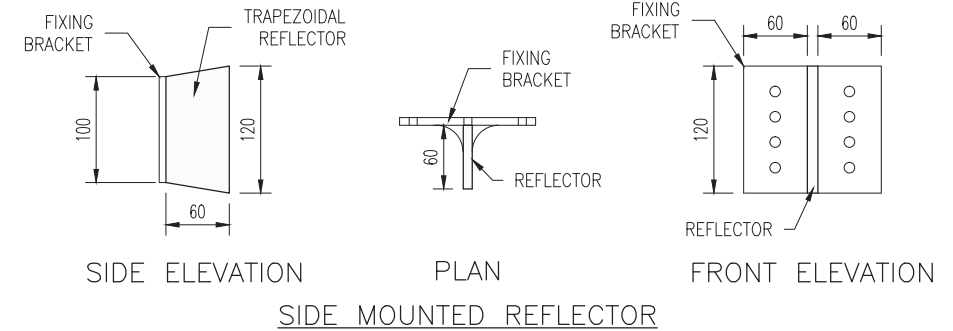
NOT TO SCALE

REFLECTOR FOR USE ON STEEL BARRIERS:



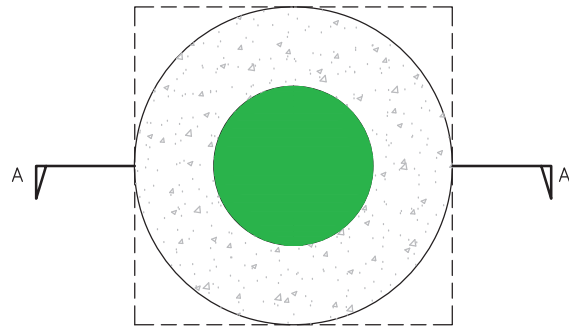
NOT TO SCALE

REFLECTOR FOR USE ON CONCRETE BARRIERS:

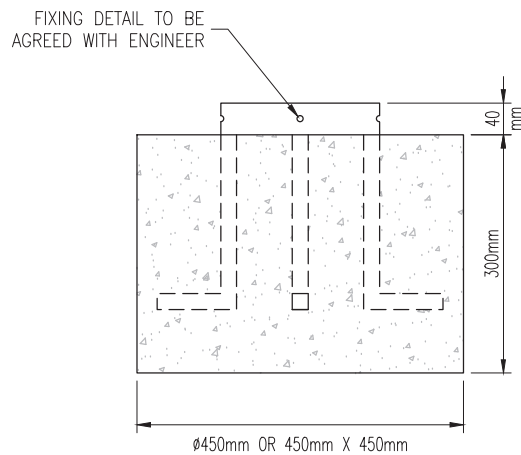


NOTES:

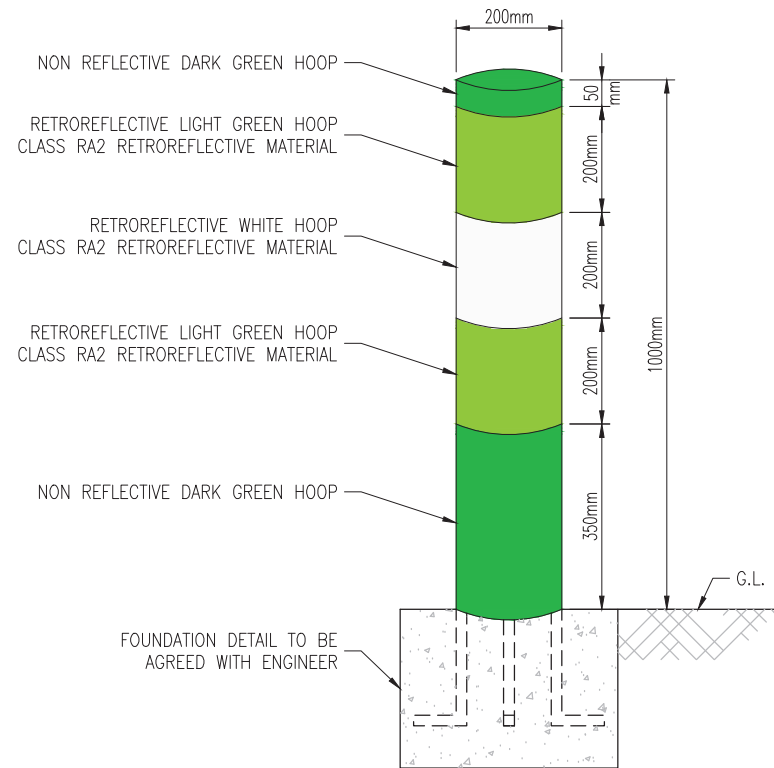
- REFLECTORS ON THE LEFT HAND SIDE OF THE CARRIAGEWAY SHALL BE RED RETROREFLECTIVE. REFLECTORS ON THE RIGHT HAND SIDE OF THE CARRIAGEWAY SHALL BE WHITE RETROREFLECTIVE.
- SAFETY BARRIER REFLECTORS SHALL BE FIXED WITH CORROSIVE RESISTANT AND VANDAL RESISTANT MATERIALS.



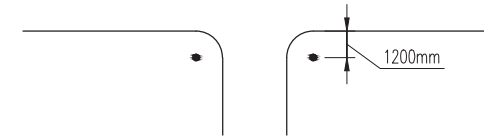
PLAN VIEW



SECTION A-A



JDP
TSM REF F902



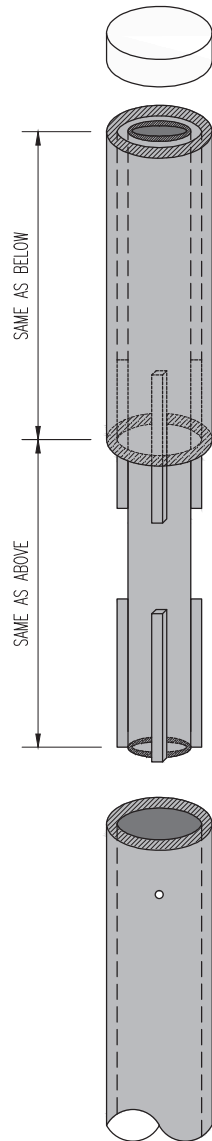
JDP LOCATION
(SEE NOTE 3)

NOTES:

1. CONCRETE USED FOR FOUNDATIONS SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 20mm.
2. CONCRETE USED FOR FOUNDATIONS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 10N/mm².
3. JUNCTION DEFINITION POSTS SHALL BE LOCATED APPROXIMATELY 1200mm FROM THE EDGE OF CARRIAGEWAY.
4. JUNCTION DEFINITION POSTS SHALL BE MANUFACTURED FROM 3mm THICK DARK GREEN PLIABLE PLASTIC.
5. THE NON-RETROREFLECTIVE PARTS OF THE POST SHALL BE CLASS NR1 IN ACCORDANCE WITH TABLE 16 OF IS EN 12899-1.
6. THE RETROREFLECTIVE PARTS OF THE POST SHALL BE CLASS RA2 IN ACCORDANCE WITH TABLE 4 OF IS EN 12899-1.

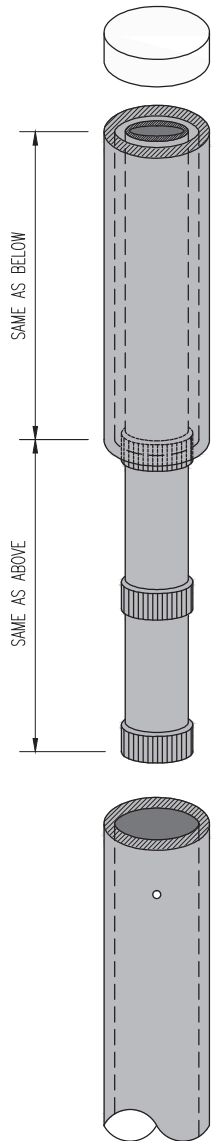
NOT TO SCALE

OPTION A



CAN BE SECURED BY SIGN CLIPS IF
CHANNEL LINES UP,
IF NOT USE TECH. SCREWS.

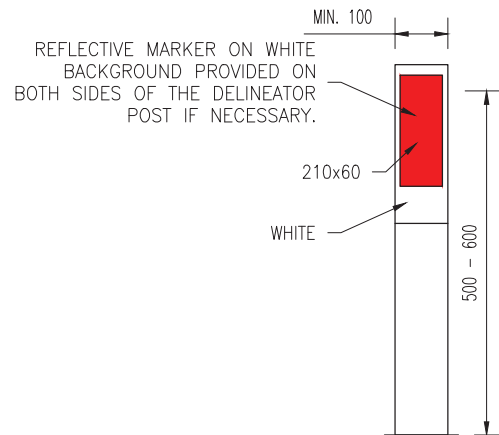
OPTION B



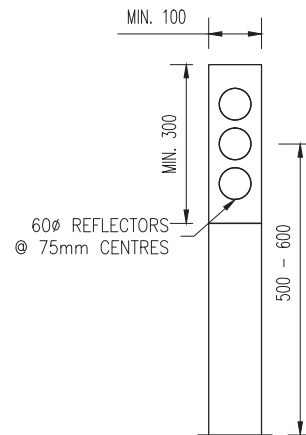
CAN BE SECURED BY SIGN CLIPS IF
CHANNEL LINES UP,
IF NOT USE TECH. SCREWS.

NOT TO SCALE

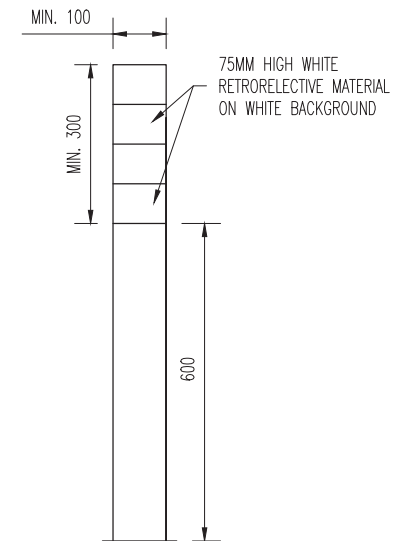
TII PUBLICATION NUMBER: CC-SCD-01205



VERGE DELINEATOR POST
TSM REF W180R/W180W



VERGE DELINEATOR POST
TSM REF W180R/W180W

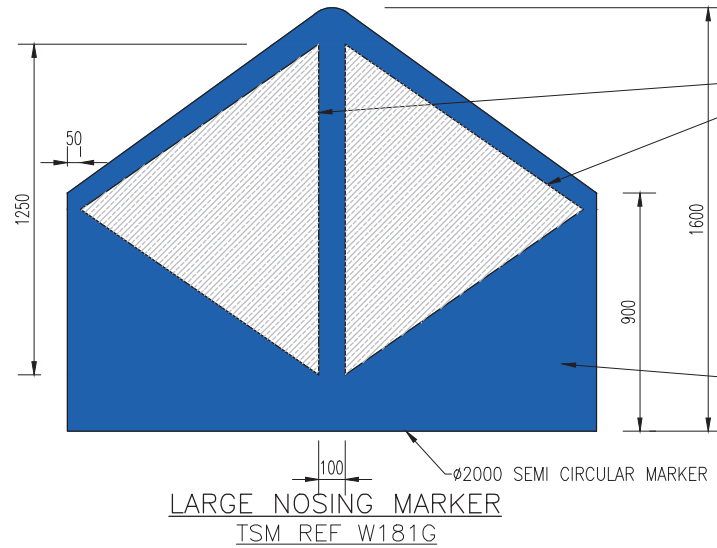


CHANNELISING DELINEATOR POST

NOTES:

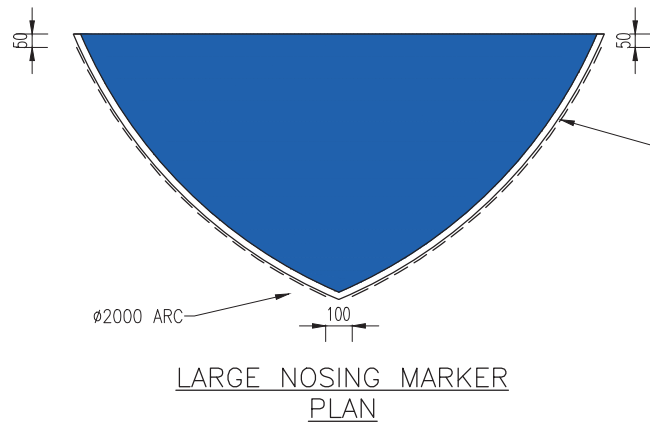
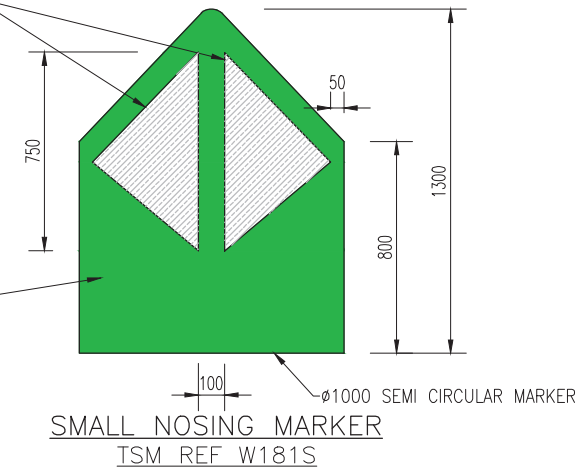
1. DELINEATOR POSTS SHALL COMPLY WITH THE VISUAL AND PERFORMANCE REQUIREMENTS OF IS EN 12899-3.
2. DELINEATOR POSTS SHALL BE CLASS NR1 IN ACCORDANCE WITH TABLE 16 OF IS EN 12899-1.
3. REFER TO SUB CLAUSES 1211(10) & (11) FOR THE POSITIONING AND FIXING DETAILS OF DELINEATOR POSTS.
4. RETROREFLECTORS SHALL BE TYPE R2 AND SHALL COMPLY WITH TABLES 4 & 6 OF IS EN 12899-3.

NOT TO SCALE

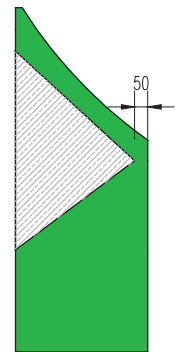
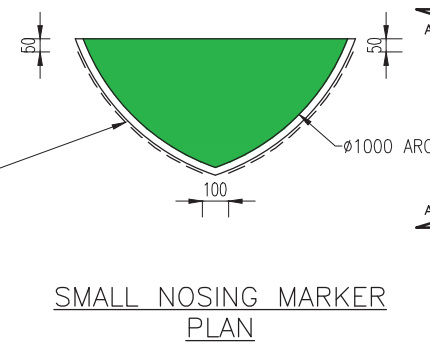


RETROREFLECTIVE
TRIANGLES (CLASS RA2)

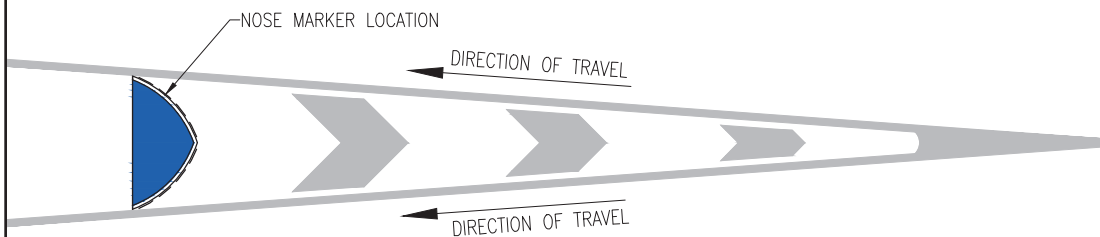
BLUE/GREEN



REFLECTIVE TRIANGLES
(CLASS RA2)



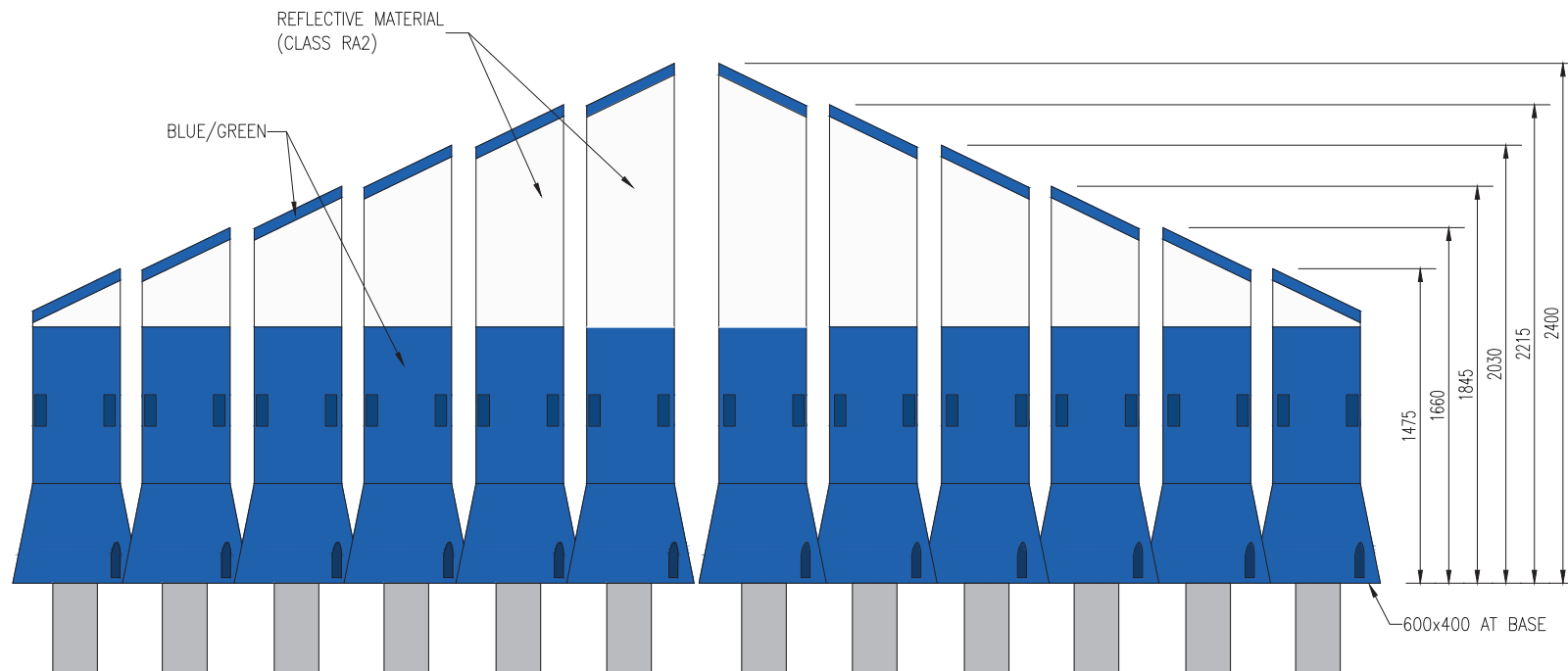
SMALL NOSING MARKER
SECTION A-A



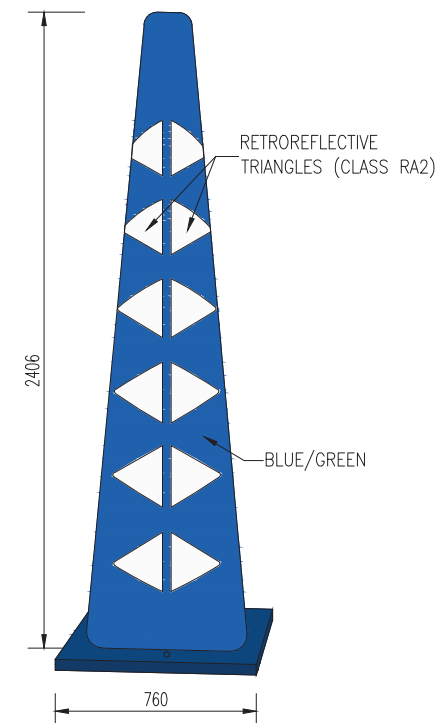
NOT TO SCALE

NOTES:

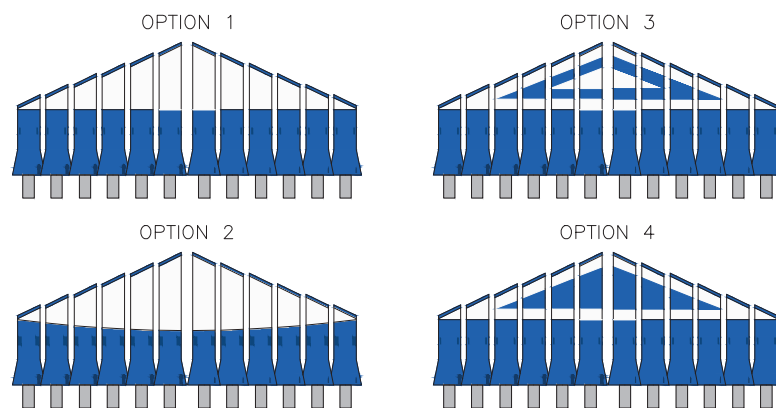
1. THE RETROREFLECTIVE PARTS OF NOSING MARKERS SHALL BE CLASS RA2 IN ACCORDANCE WITH TABLE 4 OF IS EN 12899-1.
2. NOSING MARKERS SHALL BE BLUE ON MOTORWAYS AND GREEN ON NATIONAL ROADS.
3. NOSING MARKERS SHALL BE ANCHORED BY CLAMPS AND BOLTS WHICH ARE CORROSION AND VANDAL RESISTANT.



NOSING MARKER ROAD POLE



SLOPING NOSING MARKER POLE



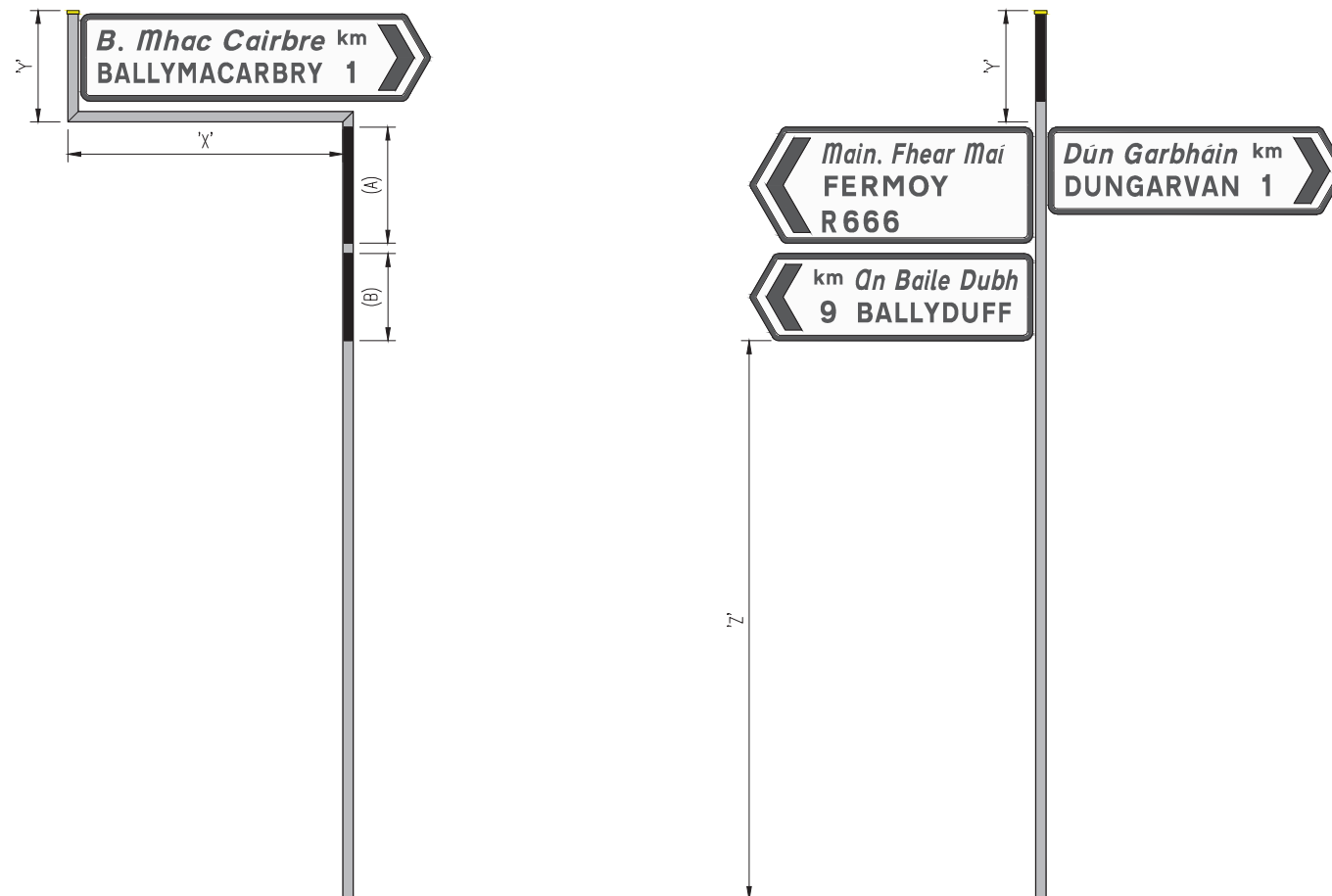
REFLECTIVE LAYOUT

NOTES:

1. THE RETROREFLECTIVE PARTS OF NOSING MARKERS SHALL BE CLASS RA2 IN ACCORDANCE WITH TABLE 4 OF IS EN 12899-1.
2. NOSING MARKERS SHALL BE BLUE ON MOTORWAYS AND GREEN ON NATIONAL ROADS.
3. NOSING MARKERS SHALL BE ANCHORED BY CLAMPS AND BOLTS WHICH ARE CORROSION AND VANDAL RESISTANT.
4. SLOPING NOSING MARKER POLE IS FOR USE ON DIVERGING ROADS.

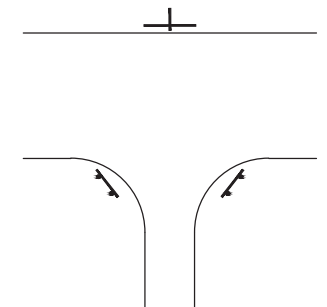
TII PUBLICATION NUMBER: CC-SCD-01208

NOT TO SCALE



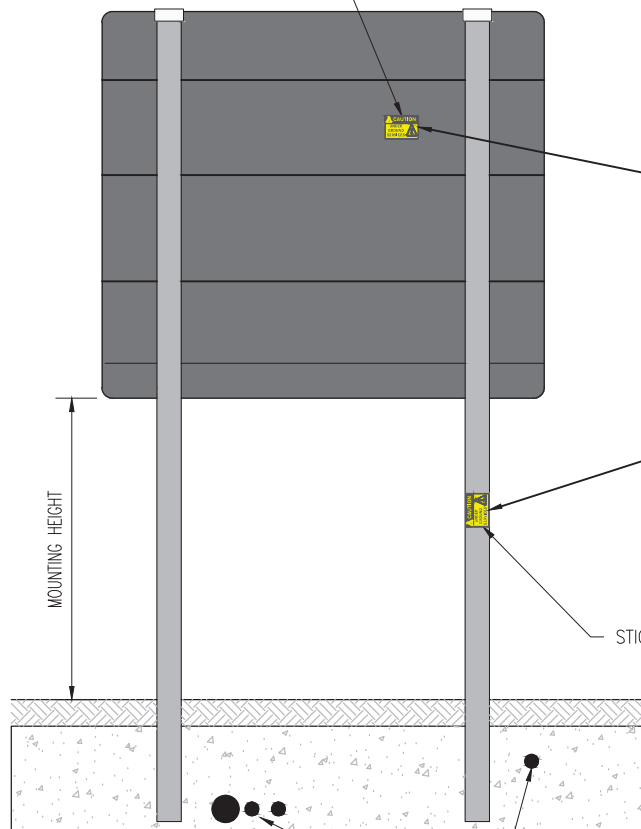
'Y' – SIGN HEIGHT
'X' – 3/4 OF SIGN LENGTH
'Z' – MH + 'Y' + HEIGHT OF SIGNS (A) AND (B)
MH – MOUNTING HEIGHT

T-JUNCTION DETAIL RURAL ROAD



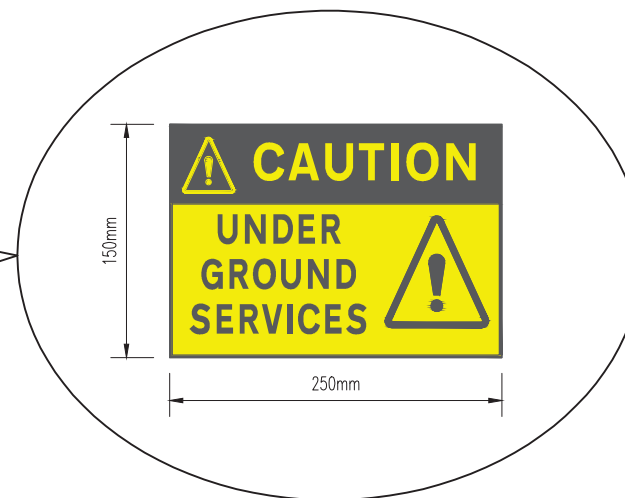
NOT TO SCALE

STICKER IS LOCATED ON BACK OF SIGN
IF REQUIRED



STICKER IS LOCATED ON OUTSIDE POLE

SERVICES LOCATED IN FOUNDATION



NOTE:

1. THE LOCATION OF SERVICES IN SIGN FOUNDATIONS SHALL BE NOTED BY THE CONTRACTOR ON SITE AND DETAILS ENTERED INTO THE SAFETY FILE FOR THE CLIENTS INFORMATION.

NOT TO SCALE



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