

1 = 2 x mean axis = 2 x A = 2 x 113.57	= 227.14 m
2 = Inner Curve = (B+0.5) x (pi) = 25.5 x 3.1416	= 80.11 m
3 = Outer Curve = (C+0.5) x (pi) = 29.5 x 3.1416	= 92.68 m
4 = Crossing = $\sqrt{A^2 + (\text{width of track})^2} - A = \sqrt{113.57^2 + 4^2} - 113.57$	= 0.07 m
	400.0 m

NOTES:

1. This track is laid out for an Oval with radii for Olympic Style Track of 25.0m and 29.0m. If either of the radii changes, the length of the straightaways will also change. Please contact the National Office for the exact measurements of tracks with different radii.

2. All start lines will be preceded by a pre-start line located 2m before the actual start line.

3. The fall line for the 100m and 200m races is 5m. For all other distances it is 10m.

400m OLYMPIC STYLE SKATING OVAL

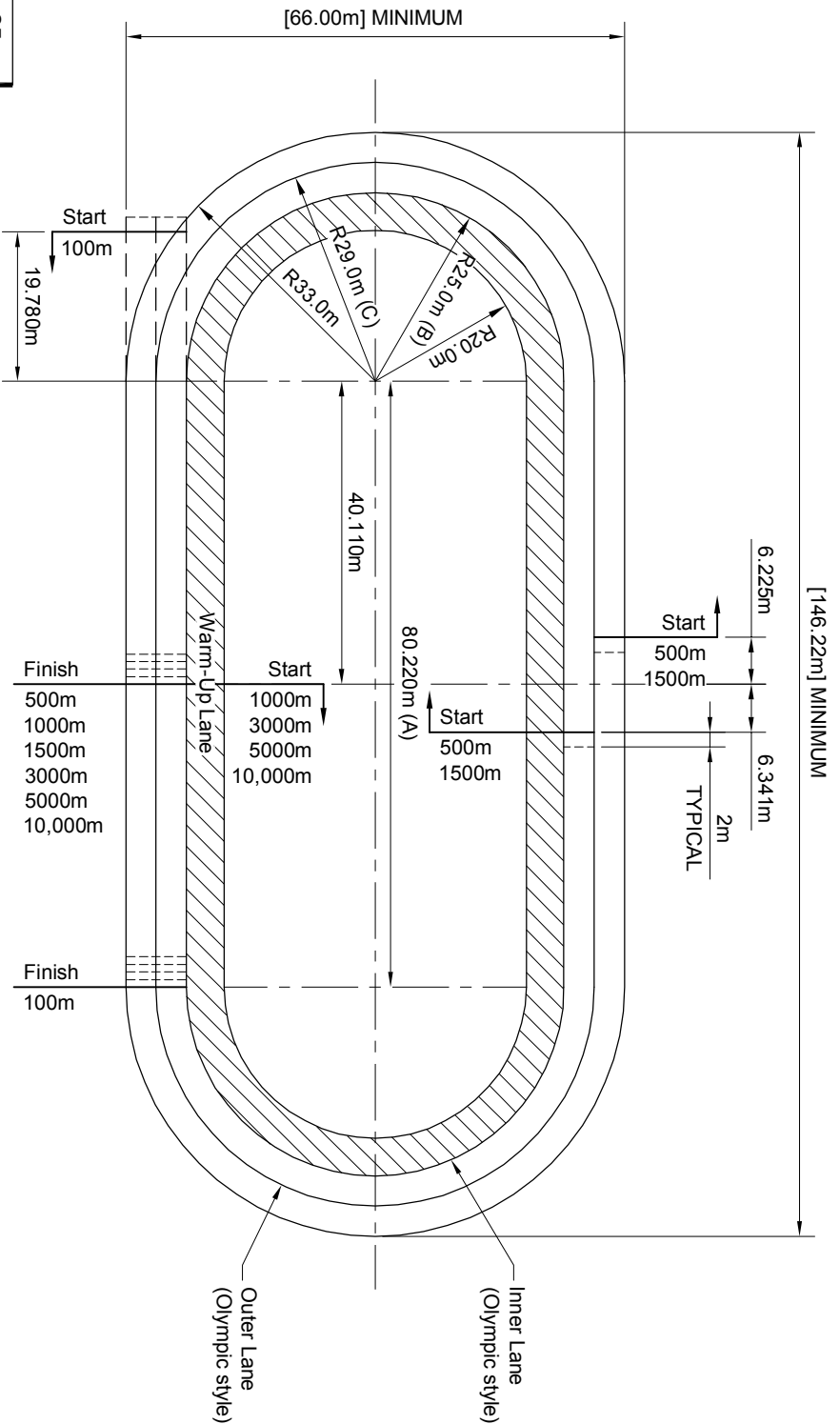
APPENDIX C1-1



ENGCOMP
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DRAWN BY:	N.B.W.	DATE:	18 JAN 2007	SCALE:	1/2" = 1'-0"
CHECKED BY:	G.A.W.	DATE:	29 JUN 2007	PROJECT:	280SE07
INTERNAL DRAWING NO:	400ISUO	REV:	0		



Radius inner curve = 25 m
 Width of each track = 4 m


1 = 2 x mean axis = 2 x A = 2 x 80.22	= 160.44 m
2 = Inner Curve = (B+0.5) x (pi) = 25.5 x 3.1416	= 80.11 m
3 = Outer Curve = (C+0.5) x (pi) = 29.5 x 3.1416	= 92.68 m
4 = Crossing = $\sqrt{A^2 + (\text{width of track})^2} - A = \sqrt{80.22^2 + 4^2} - 80.22$	= 0.10 m
	333.33 m

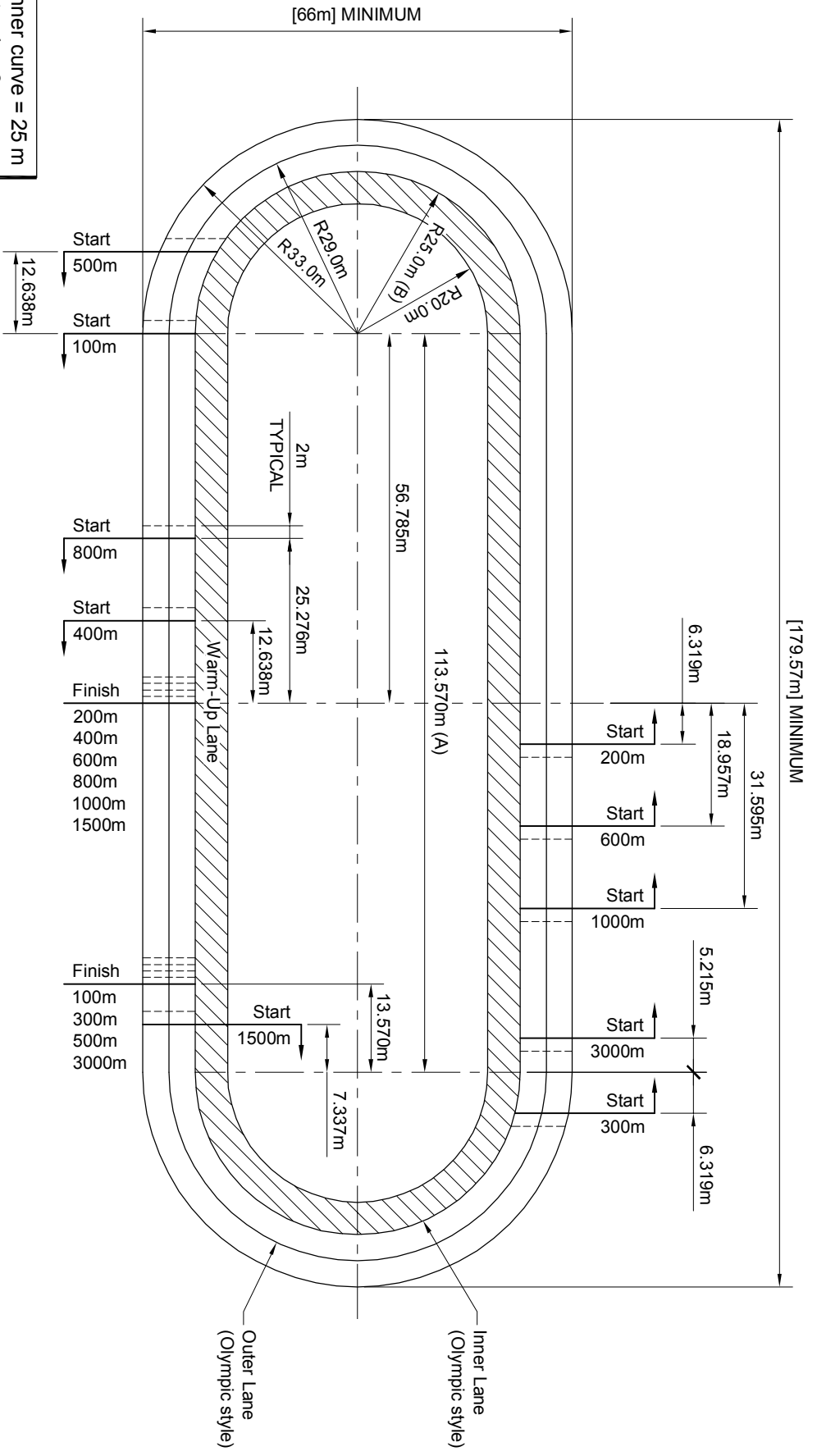
NOTES:

1. This track is laid out for an Oval with radii for Olympic Style Track of 25.0m and 29.0m. If either of the radii changes, the length of the straightaways will also change. Please contact the National Office for the exact measurements of tracks with different radii.
2. All start lines will be preceded by a pre-start line located 2m before the actual start line.
3. The fall line for the 100m and 200m races is 5m. For all other distances it is 10m.

333.33m OLYMPIC STYLE SKATING OVAL

APPENDIX C1-2

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DRAWN BY:	N.B.W.	DATE:	18 JAN 2007
CHECKED BY:	G.A.W.	DATE:	29 JUN 2007
INTERNAL DRAWING NO:	333ISUO	PROJECT:	280SE07
		SCALE:	1/2" = 1'-0"
		REV:	0



Radius inner curve = 25 m
Width of track = 8 m

$$1 = 2 \times \text{mean axis} = 2 \times A = 2 \times 113.57 = 227.14 \text{ m}$$

$$2 = 2 \times \text{curve} = 2 \times (B+0.5) \times (\pi) = 2 \times 25.5 \times 3.1416 = 160.22 \text{ m}$$

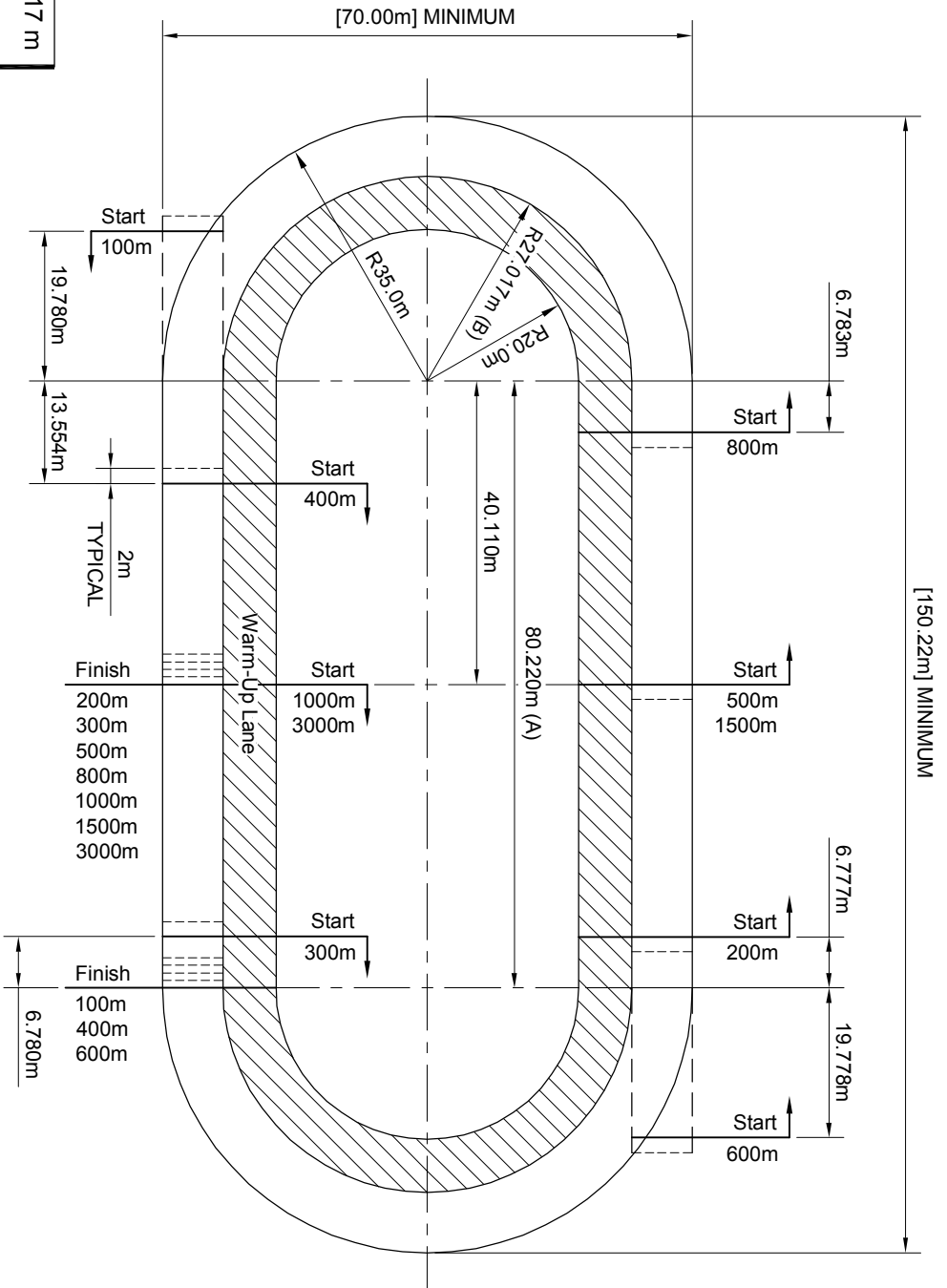
$$= 387.36 \text{ m}$$

NOTES:

1. This track is laid out for an Oval with radius for Mass Start of 25.0m. If the radius changes, the length of the straightaways will also change. Please contact the National Office for the exact measurements of tracks with different radii.
2. All start lines will be preceded by a pre-start line located 2m before the actual start line.
3. The fall line for the 100m and 200m races is 5m. For all other distances it is 10m.

387.36m MASS START SKATING OVAL
APPENDIX C1-3

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DRAWN BY:	N.B.W.	DATE:	28 JUN 2007
CHECKED BY:	G.A.W.	DATE:	29 JUN 2007
INTERNAL DRAWING NO:	387M50	SCALE:	1/2" = 1'-0"
PROJECT:	280SE07	REV:	0



Radius inner curve = 27.017 m
Width of track = 8 m

$$1 = 2 \times \text{mean axis} = 2 \times A = 2 \times 80.22 = 160.44 \text{ m}$$


$$2 = 2 \times \text{curve} = 2 \times (B+0.5) \times (\pi) = 2 \times 27.517 \times 3.1416 = 172.89 \text{ m}$$

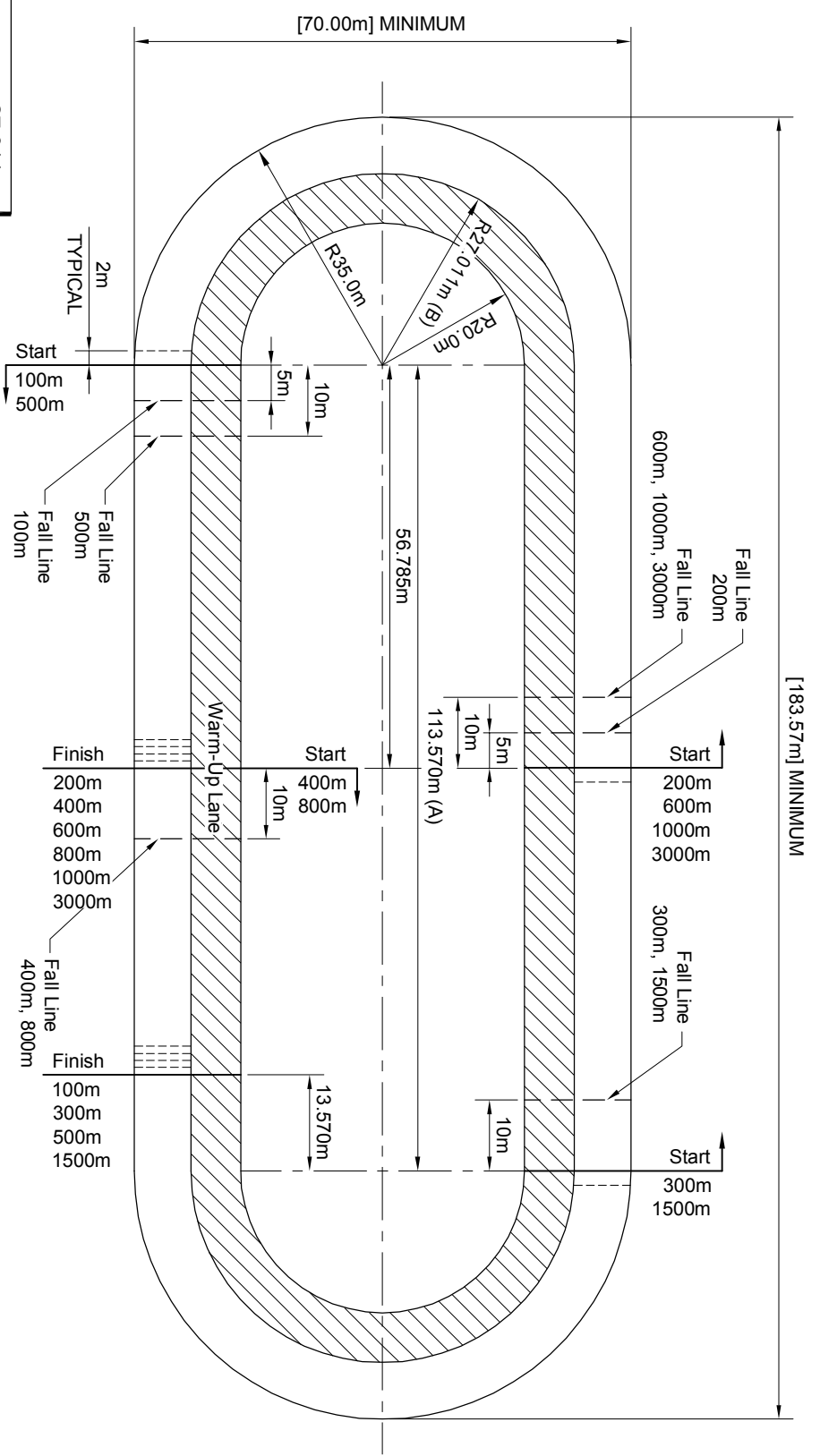
$$333.33 \text{ m}$$

NOTES:

1. This track is laid out for an Oval with radius for Mass Start of 27.017m. If the radius changes, the length of the straightaways will also change. Please contact the National Office for the exact measurements of tracks with different radii.
2. All start lines will be preceded by a pre-start line located 2m before the actual start line.
3. The fall line for the 100m and 200m races is 5m. For all other distances it is 10m

333.33m MASS START SKATING OVAL
APPENDIX C1-4

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DRAWN BY:	N.B.W.	DATE:	18 JAN 2007
CHECKED BY:	G.A.W.	DATE:	29 JUN 2007
INTERNAL DRAWING NO:	333MSO	PROJECT:	280SE07
SCALE:	1/2" = 1'-0"	REV:	0



Radius inner curve = 27.011 m
 Width of track = 8 m

1 = 2 x mean axis = 2 x A = 2 x 113.57 = 227.14 m
 2 = 2 x curve = 2 x (B+0.5) x (pi) = 2 x 27.511 x 3.1416 = 172.86 m
 400.0 m

NOTES:

1. This track is laid out for an Oval with radius for Mass Start of 27.011m. If the radius changes, the length of the straightaways will also change. Please contact the National Office for the exact measurements of tracks with different radii.
2. All start lines will be preceded by a pre-start line located 2m before the actual start line.
3. The fall line for the 100m and 200m races is 5m. For all other distances it is 10m.

400m MASS START SKATING OVAL
 APPENDIX C1-5

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DRAWN BY:	N.B.W.	DATE:	18 JAN 2007	SCALE:	1/2" = 1'-0"
CHECKED BY:	G.A.W.	DATE:	29 JUN 2007	PROJECT:	280SE07
INTERNAL DRAWING NO:	400MSO	REV:	0		