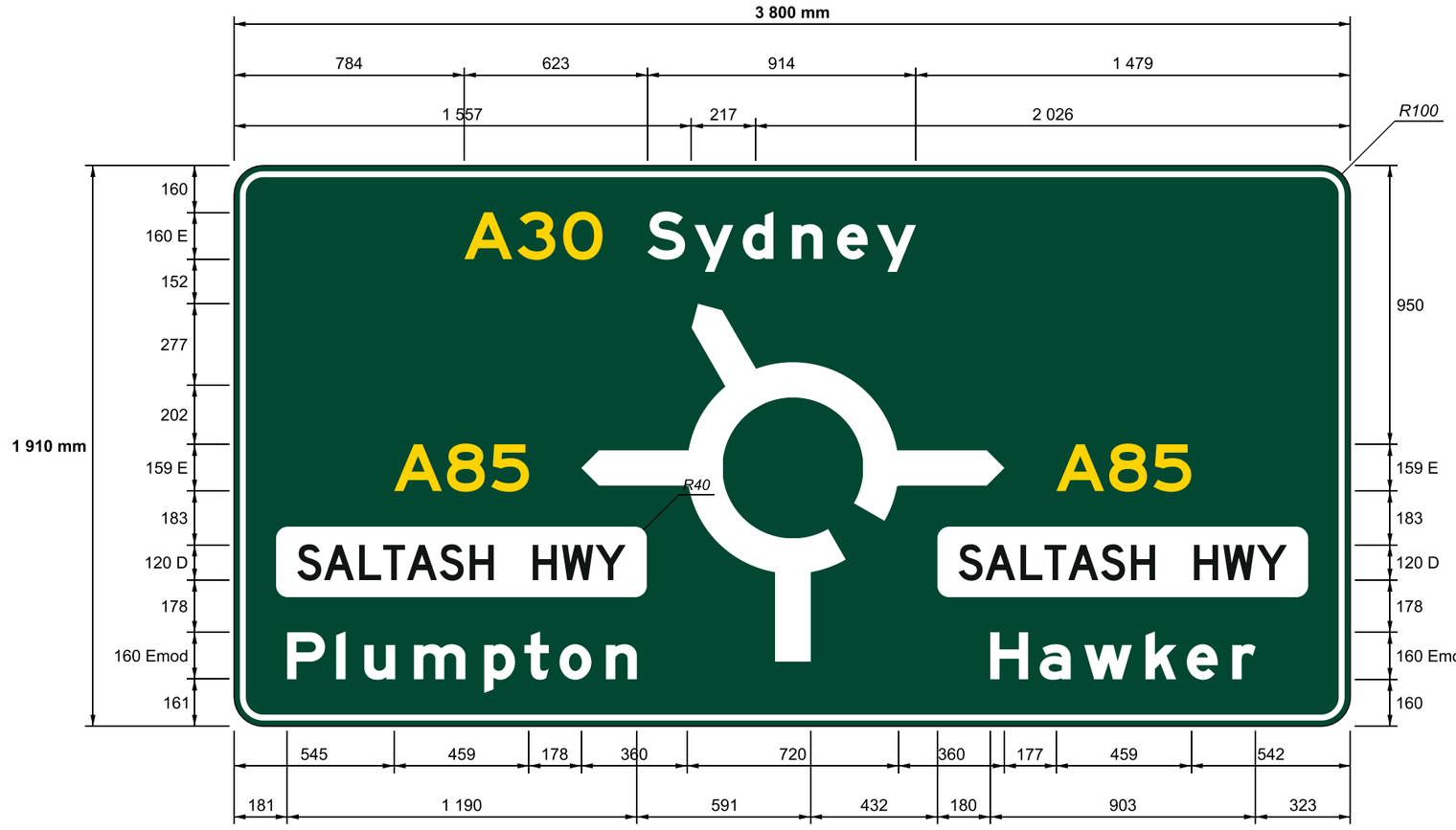
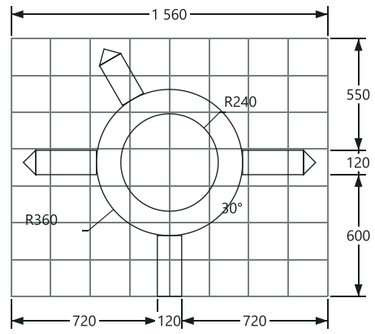
G1-5 Advance direction - diagrammatic roundabout · G1-5 Advance direction - diagrammatic roundabout

DRAFT - NOT FOR FABRICATION

Sign size, mm
3 800 × 1 910
Principal letter height H 160



ROUNDABOUT DETAIL



White retroreflective letters, arrows and border on standard green retroreflective ground.

Road name panels: black letters on white retroreflective ground.

Route numbers: retroreflective fluorescent yellow.

ALL DIMENSIONS IN MILLIMETRES (mm) · DO NOT SCALE FROM PRINT · SCALE 1:20 AT THE SELECTED SHEET SIZE

G1-5 ADVANCE DIRECTION - DIAGRAMMATIC ROUNDABOUT

G1-5 - AS 1742.15 DIRECTION SIGN CONSTRUCTION PLAN

PROJECT ID: d778e209-2544-4e6f-8ac3-91ae8e2a1772

LOCATION: NOT RECORDED

ISSUE: AUTHORITY REVIEW

DRAFT - NOT FOR FABRICATION

DOCUMENT CONTROL

PROJECT: NOT RECORDED

DRAWING: NOT RECORDED

REVISION: P01

ISSUED: 2026-10-19 20:26

SHEET: A3 LANDSCAPE

SCALE: 1:20 AT A3

UNITS: MILLIMETRES (mm)

SIGN: 3800 x 1910 mm

ASSURANCE / SOURCE

DESIGNED: NOT RECORDED

CHECKED: NOT RECORDED

APPROVED: NOT RECORDED

PACK: AU-AS1742.15-2019-RP2

AUTH: NOT RECORDED

VERIFY: NOT RECORDED

DIMENSION / FABRICATION SCHEDULE

· G1-5 · SIGN FACE DATUM X0,Y0 AT UPPER-LEFT · ALL DIMENSIONS mm

REF	GROUP	ITEM	VALUE / SET-OUT	SOURCE / BASIS
D001	APPLICATION	Drawing status	Controlled standard drawing	2.2.2(b)
D002	SIGNBOARD	Overall width	3800 mm	Calculated layout
D003	SIGNBOARD	Overall height	1910 mm	Calculated layout
D004	SIGNBOARD	Border width	20 mm	AS 1743:2023 Table 4.2
D005	SIGNBOARD	Edge strip	20 mm	AS 1743:2023 Table 4.2
D006	SIGNBOARD	Outer corner radius	R100	AS 1743:2023 Table 4.2
D007	LEGEND	Principal capital height	160 mm	AS 1742.15 Table 1.2
D008	LEGEND	Road name capital height	120 mm	AS 1742.15 Table 1.2
D009	LEGEND	Route number height	160 mm	AS 1742.15 Clause 4.4.1
D010	SIGNBOARD	Colour application	StandardGreen	AS 1742.15 / AS 1743 controlled colour
D011	SPACING	Vertical line spacing	120 mm desirable	AS 1742.15 Appendix B, B.3(a)
D012	SPACING	Element separation	120 mm minimum	AS 1742.15 Appendix B, B.3(c)
D013	DIAGRAM	Road stroke	120 mm	AS 1743 diagram proportion / controlled project value
D014	DIAGRAM	Roundabout outside diameter	Ø720 mm	AS 1743:2023 G1-5 (Ø720 default)
D015	DIAGRAM	Roundabout opening	Ø480 mm	Outside diameter less two road strokes
D016	ROAD GEOMETRY	Approach shaft	L 300 mm · 90° · bend 0% · None	Parametric centreline schedule
D017	ROAD GEOMETRY	Road d1c8f0 start	Attached to ring at (1902, 1390)	Calculated millimetre coordinates
D018	ROAD GEOMETRY	Road d1c8f0 end	Tip (1902, 1689.9); shaft (1902, 1689.9)	Trimmed ending geometry
D019	ROAD GEOMETRY	Exit cf1e32	L 286 mm · -120° · bend 0% · Arrow	Parametric centreline schedule
D020	ROAD GEOMETRY	Road cf1e32 start	Attached to ring at (1722, 718.2)	Calculated millimetre coordinates
D021	ROAD GEOMETRY	Road cf1e32 end	Tip (1579.2, 470.9); shaft (1609.2, 522.9)	Trimmed ending geometry
D022	ROAD GEOMETRY	Exit 2e7da9	L 360 mm · 180° · bend 0% · Arrow	Parametric centreline schedule
D023	ROAD GEOMETRY	Road 2e7da9 start	Attached to ring at (1542, 1030)	Calculated millimetre coordinates
D024	ROAD GEOMETRY	Road 2e7da9 end	Tip (1182, 1030); shaft (1242, 1030)	Trimmed ending geometry
D025	ROAD GEOMETRY	Exit b575aa	L 360 mm · 0° · bend 0% · Arrow	Parametric centreline schedule
D026	ROAD GEOMETRY	Road b575aa start	Attached to ring at (2262, 1030)	Calculated millimetre coordinates
D027	ROAD GEOMETRY	Road b575aa end	Tip (2622, 1030); shaft (2562, 1030)	Trimmed ending geometry
D028	FABRICATION	Panelisation	2 panels at nominal 1900 mm	Project workshop transport/panel limit - not an AS 1742.15 limit
D029	SET-OUT DATUM	Coordinate origin	Sign face upper-left = X 0, Y 0	SignScribe construction datum
D030	SET-OUT DATUM	Coordinate directions	X positive right; Y positive down	SignScribe construction datum
D031	SIGNBOARD SET-OUT	Finished face	W 3800 × H 1910 mm	Calculated finished sign face

DIMENSION / FABRICATION SCHEDULE

· G1-5 · SIGN FACE DATUM X0,Y0 AT UPPER-LEFT · ALL DIMENSIONS mm

REF	GROUP	ITEM	VALUE / SET-OUT	SOURCE / BASIS
D032	SIGNBOARD SET-OUT	Perimeter stack	Edge 20 · border 20 · border CL 30 mm	AS 1743:2023 Table 4.2 / calculated centreline
D033	SIGNBOARD SET-OUT	Corner radii	Outer R100 · inner/panel R40 mm	AS 1743:2023 Table 4.2
D034	ROUNDABOUT SET-OUT	Centre	X 1902 · Y 1030 mm	Calculated sign-face coordinates
D035	ROUNDABOUT SET-OUT	Ring diameters	Outside Ø720 · inside Ø480 mm	Actual rendered ring geometry
D036	ROUNDABOUT SET-OUT	Ring stroke / shaft gap	120 / 0 mm	Actual rendered ring geometry
D037	ROUNDABOUT SET-OUT	Ring split 5EFF73	Centre angle 45° · angular opening 30° · grip X 2114.1 Y 1242.1 mm	Project-specific independently editable ring interruption; authority verification required
D038	ROAD SET-OUT	R-D1C8F0 centreline	Path 299.9 · shaft W 120 · end None	Actual rendered centreline and shaft
D039	ROAD SET-OUT	R-D1C8F0 start / end	S(1902,1390) · E(1902,1689.9) mm	Calculated sign-face coordinates
D040	ROAD SET-OUT	R-D1C8F0 shaft termination	(1902,1689.9) · terminal bearing 90°	Actual trimmed ending geometry
D041	ROAD SEGMENTS	R-D1C8F0 S1	Chord 299.9 mm · bearing 180°	Vertex-to-vertex set-out
D042	ROAD SET-OUT	R-CF1E32 centreline	Path 285.5 · shaft W 120 · end Arrow	Actual rendered centreline and shaft
D043	ROAD SET-OUT	R-CF1E32 start / end	S(1722,718.2) · E(1579.2,470.9) mm	Calculated sign-face coordinates
D044	ROAD SET-OUT	R-CF1E32 shaft termination	(1609.2,522.9) · terminal bearing -120°	Actual trimmed ending geometry
D045	ROAD SET-OUT	R-CF1E32 arrow envelope	L 60 × W 120 mm	Actual rendered arrowhead geometry
D046	ROAD SEGMENTS	R-CF1E32 S1	Chord 285.5 mm · bearing -30°	Vertex-to-vertex set-out
D047	LEGEND ZONES	R-CF1E32 legend zone	X 784 · Y 157 · W 1537 · H 159.5 mm · scale 100% · adopted text H 160	Calculated automatic legend bounds
D048	ROAD SET-OUT	R-2E7DA9 centreline	Path 360 · shaft W 120 · end Arrow	Actual rendered centreline and shaft
D049	ROAD SET-OUT	R-2E7DA9 start / end	S(1542,1030) · E(1182,1030) mm	Calculated sign-face coordinates
D050	ROAD SET-OUT	R-2E7DA9 shaft termination	(1242,1030) · terminal bearing 180°	Actual trimmed ending geometry
D051	ROAD SET-OUT	R-2E7DA9 arrow envelope	L 60 × W 120 mm	Actual rendered arrowhead geometry
D052	ROAD SEGMENTS	R-2E7DA9 S1	Chord 360 mm · bearing -90°	Vertex-to-vertex set-out
D053	LEGEND ZONES	R-2E7DA9 legend zone	X 143 · Y 947 · W 1262 · H 799.9 mm · scale 100% · adopted text H 160	Calculated automatic legend bounds
D054	ROAD SET-OUT	R-B575AA centreline	Path 360 · shaft W 120 · end Arrow	Actual rendered centreline and shaft
D055	ROAD SET-OUT	R-B575AA start / end	S(2262,1030) · E(2622,1030) mm	Calculated sign-face coordinates
D056	ROAD SET-OUT	R-B575AA shaft termination	(2562,1030) · terminal bearing 0°	Actual trimmed ending geometry
D057	ROAD SET-OUT	R-B575AA arrow envelope	L 60 × W 120 mm	Actual rendered arrowhead geometry
D058	ROAD SEGMENTS	R-B575AA S1	Chord 360 mm · bearing 90°	Vertex-to-vertex set-out
D059	LEGEND ZONES	R-B575AA legend zone	X 2394 · Y 947 · W 1262 · H 800 mm · scale 100% · adopted text H 160	Calculated automatic legend bounds
D060	LEGEND COMPONENT SET-OUT	R-CF1E32 route number	X 784 · Y 157 · W 470 · H 164.8 mm · capital H 159.5 mm	Actual painted glyph bounds and constructed capital height
D061	LEGEND COMPONENT SET-OUT	R-CF1E32 destination	X 1407 · Y 157 · W 914 · H 205.3 mm · capital H 158.7 mm	Actual painted glyph bounds and constructed capital height
D062	LEGEND COMPONENT SET-OUT	R-2E7DA9 route number	X 545 · Y 947 · W 459 · H 164.4 mm · capital H 159.1 mm	Actual painted glyph bounds and constructed capital height

DIMENSION / FABRICATION SCHEDULE

· G1-5 · SIGN FACE DATUM X0,Y0 AT UPPER-LEFT · ALL DIMENSIONS mm

REF	GROUP	ITEM	VALUE / SET-OUT	SOURCE / BASIS
D063	LEGEND COMPONENT SET-OUT	R-2E7DA9 road name	X 215.1 · Y 1290 · W 1117.8 · H 124 mm · capital H 120 mm	Actual painted glyph bounds and constructed capital height
D064	LEGEND COMPONENT SET-OUT	R-2E7DA9 destination	X 181 · Y 1587 · W 1190 · H 209.1 mm · capital H 159.9 mm	Actual painted glyph bounds and constructed capital height
D065	LEGEND COMPONENT SET-OUT	R-B575AA route number	X 2799 · Y 947 · W 459 · H 164.4 mm · capital H 159.1 mm	Actual painted glyph bounds and constructed capital height
D066	LEGEND COMPONENT SET-OUT	R-B575AA road name	X 2466.1 · Y 1290 · W 1117.8 · H 124 mm · capital H 120 mm	Actual painted glyph bounds and constructed capital height
D067	LEGEND COMPONENT SET-OUT	R-B575AA destination	X 2574 · Y 1587 · W 903.1 · H 164.3 mm · capital H 160 mm	Actual painted glyph bounds and constructed capital height
D068	SIGNBOARD SET-OUT	Backing sizing policy	MadeToMeasure	AS 1743 sign-type construction metadata
D069	SIGNBOARD SET-OUT	Finished backing	W 3800 × H 1910 mm	Calculated/template backing size
D070	SIGNBOARD SET-OUT	Calculated minimum / template datum	W 3800 × H 1910 mm	Legend content, selected sign family and applicable construction clearances
D071	SIGNBOARD SET-OUT	Perimeter treatment	Standard controlled border	Selected sign-family controlled detail
D072	FABRICATION BASIS	Substrate	NOT RECORDED	Project fabrication record
D073	FABRICATION BASIS	Sheeting	NOT RECORDED	AS/NZS 1906.1 project selection
D074	FABRICATION BASIS	Supports / mounting	NOT RECORDED	Project structural/mounting record