

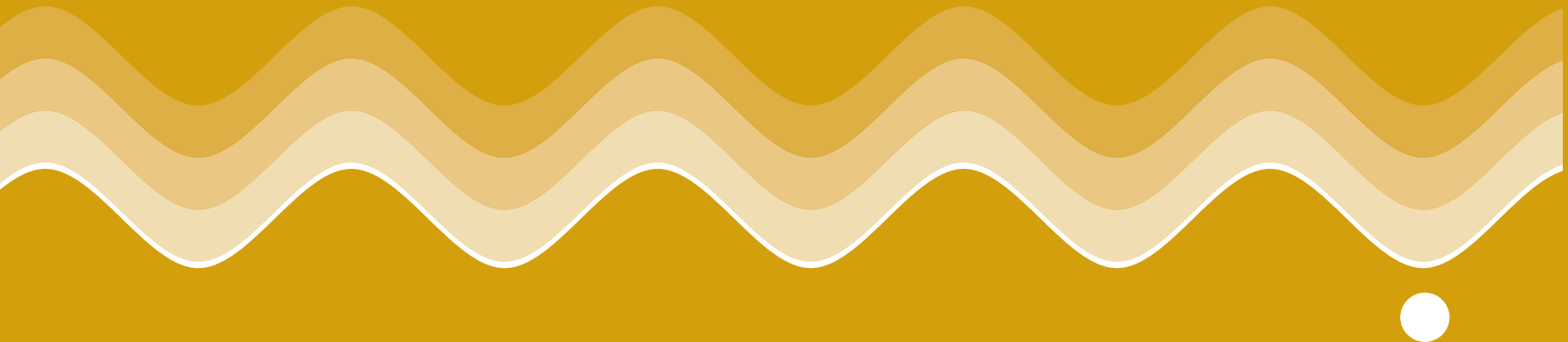


WATER SERVICES ASSOCIATION
of Australia

Sewerage Code of Australia

Melbourne Retail Water Agencies Edition

Version 1.0



City West Water
LIMITED

SOUTH EAST
WATER



Yarra Valley Water

WSA 02-2002



WATER SERVICES ASSOCIATION
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Sewerage Code of Australia

WSA 02—2002-2.3

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Version 1.0

Previous edition WSA 02—1999

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Part 4: Standard Drawings

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28 LISTING OF STANDARD DRAWINGS

DRAWING NUMBER	ACTIVITY	TITLE	Equivalent 1999 DRAWING NUMBER
PIPELINE LAYOUT			
SEW-1100*	Design Layouts	Typical Locality & Site Plan	new
SEW-1101*	Design Layouts	Longitudinal Sections	new
SEW-1102*	Design Layouts	Connection to Existing Sewer Schedule of Works	new
SEW-1103*	Pipelaying	Typical Arrangements	new
SEW-1104-V	Property Connection Details	Sewer in Road Reserve	SEW-300
SEW-1105-V	Property Connection Details	Sewer in Easements & Inside Property	SEW-301
SEW-1106*	Property Connection Details	IO Interface Method	SEW-302
SEW-1107*	Property Connection Details	Buried Interface Method	
SEW-1108*	Property Connection Details	“Y” Branch & Around Obstructions	SEW-303
SEW-1109*	Property Connection Details	Private Property & Marking Systems	SEW-304
SEW-1150-M	Design Layouts	Typical Locality Plan	
SEW-1151-M	Design Layouts	Typical Detail Plan	
SEW-1152-M	Design Layouts	Typical Longitudinal Plan	
SEW-1153-M	Property Connection Details	VC Pipes	
SEW-1154-M	Property Connection Details	Flexible Pipes	
SEW-1155-M	Property Connection Details	Miscellaneous	
EMBEDMENT / TRENCHFILL AND SUPPORT SYSTEMS			
SEW-1200	Soil Classification Guidelines And	Allowable Bearing Pressures for Bulkheads	WAT-400
SEW-1201-V	Embedment and Trenchfill	Typical Arrangements	SEW-100
SEW-1202	Standard Embedment	Flexible & Rigid Pipes	SEW-101 SEW-102
SEW-1203	Special Embedment	Inadequate Foundations Requiring Over Excavation & Replacement	
SEW-1204	Special Embedment	Support Utilising Piles	
SEW-1205	Special Embedment	Concrete & Stabilised Supports	
SEW-1206	Trench Drainage	Bulkheads & Trenchstop	SEW-103
SEW-1207	Trench Drainage	Typical Systems	SEW-104
SEW-1208	Verticals & Near Verticals	Exposed & Concealed Methods	SEW-211

DRAWING NUMBER	ACTIVITY	TITLE	Equivalent 1999 DRAWING NUMBER
ACCESS STRUCTURES			
SEW-1300-V	Maintenance Holes	Precast Types P1 & P2	SEW-201
SEW-1301-V	Maintenance Holes	Cast In-situ Types C1 & C2	SEW-202
SEW-1302-V	Maintenance Holes	Pipe Connection Details	new
SEW-1303-V	Maintenance Holes	Changes in Level Details	SEW-203
SEW-1304-V	Maintenance Holes	Typical Channel Arrangements	SEW-204
SEW-1305-V	Maintenance Holes	Typical Channel Details	SEW-205
SEW-1306-V	Maintenance Holes	Alternative Drop Connections	SEW-206
SEW-1307-V	Maintenance Holes	Step Irons & Ladders	SEW-208
SEW-1308-V	Maintenance Holes	Typical MH Cover Arrangements	SEW-207
SEW-1309-V	Maintenance Holes	Sewers DN 375 to DN 750	new
SEW-1310*	Maintenance Holes	Permanent Formwork \geq DN 375	new
SEW-1311*	Maintenance Holes	Depth to Invert 6 m to 15 m	new
SEW-1312*	Maintenance Holes	Depth to Invert > 15 m	new
SEW-1313-V	Maintenance Holes	MH Connection Details PVC, PE & PP Pipe	new
SEW-1314-V	Maintenance Shafts	Typical Installation	SEW-209
SEW-1315-V	Maintenance Shafts	MS & Variable Bend Installations	new
SEW-1316	Maintenance Shafts	TMS and Connection Installations	SEW-210
SEW-1317	Maintenance Holes	Typical MS Cover Arrangements	SEW-212
SEW-1350-M	Inspection Shafts	Assemblies, Inspection Shaft Details VC Pipes	
SEW-1351-M	Inspection Shafts	Assemblies, Inspection Shaft Details UPVC or Polyethylene Pipes	
SPECIAL CROSSINGS / STRUCTURES ARRANGEMENTS			
SEW-1400	Buried Crossings	Syphon Arrangement	SEW-105
SEW-1401-V	Buried Crossings	Railways	new
SEW-1402-V	Buried Crossings	Major Roads	new
SEW-1403-V	Buried Crossings	Bored & Jacked Encasing Pipe Details	new
SEW-1404	Aerial Crossings	Aqueduct	SEW-106
SEW-1405	Aerial Crossings	Aqueduct Protection Grille	SEW-107
SEW-1406	Aerial Crossings	Bridge Crossing Concepts	new
SEW-1407	Ventilation Systems	Induct Vent	SEW-213

DRAWING NUMBER	ACTIVITY	TITLE	Equivalent 1999 DRAWING NUMBER
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SEW-1408	Ventilation Systems	Educt Vent	SEW-213
SEW-1409-V	Water Seal Arrangements	Mains Type	SEW-214
SEW-1410*	Water Seal Arrangements	Maintenance Hole System	new
SEW-1411	Water Seal Arrangements	Twin Maintenance Hole System	new
SEW-1412	Emergency Relief Structures	Typical Arrangement DN 150 to DN 375	new
SEW-1450-M	Marker Posts	Marker Posts	
CONNECTIONS TO EXISTING SYSTEMS			
SEW-1500	Insertions & Repair Systems	Cut-in Methods	new
SEW-1501-V	Insertions & Repair Systems	Insertion of Junctions	new
SEW-1502	Insertions & Repair Systems	Maintenance Structures	new

* These Drawings are **NOT** used by MRWA.