
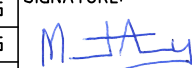


DRAWING NO.	REV.	TITLE	FORMERLY	DRAWING NO.	REV.	TITLE	FORMERLY
<b>SECTION 1</b>		<b>DRAWING INDEX</b>		<b>SECTION 5</b>		<b>MAINLAYING</b>	
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4005-30001-02	4	DRAWING INDEX SHEET 2 OF 2		4005-30005-02	1	PIPE JOINTING &; DEFLECTION	C3, C4
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4005-30002-04	1	GENERAL NOTES; SHEET 4 OF 4; WATER INFRASTRUCTURE POSITION NOTES		4005-30005-07	1	LAYING DETAILS FOR BRANCHES OFF; EXISTING MSCL MAINS	C8
<b>SECTION 3</b>		<b>EXCAVATION, EMBEDMENT</b>		4005-30005-08	2	DOGLEG CONSIDERATIONS; & STANDARD PE DOGLEG	C13
4005-30003-01	2	PIPE EMBEDMENT & TRENCH FILL; REQUIREMENT	B1	4005-30005-09	2	DICL & MSCL DOGLEG	C12 & C13
4005-30003-02	1	INSTALLATION OF WATER SUPPLY PIPES; IN ROAD RESERVES AND EASEMENTS; USING TS4 SAND	B2	4005-30005-10	2	TEMPORARY ENDS FOR STAGED DEVELOPMENT	F4
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4005-30003-05	1	SOIL CLASSIFICATION GUIDELINES	B5	4005-30005-13	2	NEW POLYETHYLENE (PE) WATER MAIN; OPTIONS FOR INSTALLATION; OD125 OR LARGER	
4005-30003-06	2	HORIZONTAL & VERTICAL BENDS; TEES & PERMANENT DEAD END; THRUST BLOCK SIZING DETAILS	B7	4005-30005-14	1	OD63 POLYETHYLENE (PE) MAIN BRANCH; CONNECTION DETAILS	C14, C16
4005-30003-07	3	IN-LINE THRUST BLOCKS ≤ DN 250	B8, B17	4005-30005-15	1	HORIZONTAL DIRECTIONAL DRILLING METHOD TYPICAL DETAILS-DN 250	
4005-30003-08	1	RESTRAINED DUCTILE IRON JOINED SYSTEM	B9	4005-30005-16	1	HORIZONTAL DIRECTIONAL DRILLING METHOD NOTES	
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<b>SECTION 4</b>		<b>ALLOCATION OF SPACE</b>		4005-30005-18	1	ISOLATION VALVES WITH IN LINE RESTRAINT	
4005-30004-01	2	ALLOCATION OF SPACE FOR SERVICES IN; NEW LAND DIVISIONS; TYPICAL LAYOUT	D1	4005-30005-19	1	MAINS DISINFECTION; DESIGN GUIDELINES: AND CONSTRUCTION REQUIREMENTS	
4005-30004-02	2	ALLOCATION OF SPACE FOR; SERVICES IN LAND DIVISIONS; ALLOTMENT FRONTAGE GREATER THAN 8 m	D2, D3				
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4005-30004-04	2	ALLOCATION OF SPACE FOR; SERVICES IN LAND DIVISIONS; DESIGN DRAWING CONSIDERATIONS					

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS		A3	6
REV	DATE	DRN	DETAILS	APR	DESIGNED:	AUTHORISED:		WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE	REVISION
6	16/08/19	JP	CORRECTED REVISION TO MATCH CURRENT DRAWING	MA	28/09/15	31/03/16		SA Water This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.		TOTAL SHEETS: 2	
5	26/06/19	JP	DRAWING REVISED AS INDICATED	MA	RJP	T.GALEK	SUPERSEDES:				
4	09/05/18	CD	DRAWING REVISED AS INDICATED	TG	16/11/15	SIGNATURE:	DRAWING NUMBER				
3	2/12/16	RP	VARIOUS DRAWINGS REVISED	MA	MS	ORIGINAL SIGNED	4005-30001-01				
2	26/04/16	MS	4005-30001-01 & 4005-30003-03 REISSUED	TG	21/03/16	TG	DRAWING INDEX SHEET 1 OF 2		PREFIX	NUMBER	SHEET

DRAWING NO.	REV.	TITLE	FORMERLY	DRAWING NO.	REV.	TITLE	FORMERLY
<b>SECTION 6 WATER CONNECTIONS</b>				<b>SECTION 8 METER ASSEMBLIES</b>			
4005-30006-01	2	WATER CONNECTION; TYPICAL LAYOUT & NOTES	E1	4005-30008-01	2	DN20 & DN25 WATER METERS; ABOVE GROUND METER ASSEMBLY; STANDARD INSTALLATION	E12, E13, E14
4005-30006-02	2	DN20 & DN25 CONNECTIONS; WATER MAIN TO WATER METER	E2	4005-30008-02	2	DN40 & DN50 WATER METERS; ABOVE GROUND METER ASSEMBLY; STANDARD INSTALLATION	E16, E17
4005-30006-03	1	WATER CONNECTIONS FROM NEW MAIN; APPROVED TAPPING METHODS; DN20 & DN25 CONNECTIONS	E8, E9	4005-30008-03	3	DN20 & DN25 WATER METERS; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L16
4005-30006-04	1	WATER CONNECTIONS FROM EXISTING MAIN; APPROVED TAPPING METHODS; DN20 & DN25 CONNECTIONS	E8, E9	4005-30008-04	1	DN40 WATER METER; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L17
4005-30006-05	2	DN40 CONNECTION; WATER MAIN TO; INLET RISER	E6	4005-30008-05	1	DN50 WATER METER; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L18
4005-30006-06	1	DN50 CONNECTION; WATER MAIN TO; INLET RISER	E7	4005-30008-06	1	DN20 & DN25 WATER METERS; MANIFOLD ASSEMBLY; STANDARD INSTALLATION	E20, E22
4005-30006-07	1	WATER CONNECTIONS; CONNECTION OFF MSCL MAIN	E8, E10, E11	4005-30008-07	1	DN80, DN100, AND DN150; WATER CONNECTIONS; ABOVE GROUND TURBINE METER	E18
4005-30006-08	1	WATER CONNECTIONS; CORROSION PROTECTION FOR; PE CONNECTIONS	H4, H5	4005-30008-08	1	DN80, DN100, DN150 AND DN200; WATER CONNECTIONS; ABOVE GROUND MAG FLOW METER	E19
4005-30006-09	3	BELOW GROUND CHAMBER; WITH DN20 INLET RISER; FOR NEW WATER METER		4005-30008-09	3	DN20 NON DRINKING WATER METER; METER ASSEMBLIES; ABOVE & BELOW GROUND	K2
4005-30006-10	2	SINGLE WATER CONNECTION; SUPPLYING TWO PROPERTIES		4005-30008-10	2	DN25 NON DRINKING WATER METER; METER ASSEMBLIES; STANDARD INSTALLATION	
<b>SECTION 7 ACCESS CHAMBERS AND MARKERS</b>				<b>SECTION 9 FIRE SERVICES</b>			
4005-30007-01	2	CAST IRON STREET BOX FRAME; INSTALLATION IN SEALED ROADS	C11, C11A	4005-30009-01	2	PILLAR FIRE HYDRANTS LAYING DETAILS FOR NEW MAINS UP TO DN 375	F1
4005-30007-02	3	CONCRETE TOPSTONE; INSTALLATION IN UNMADE ROAD, EASEMENT OR TRACK	C10	4005-30009-02	2	FIRE SERVICES; OFF NEW WATER MAIN	F2
4005-30007-03	2	FIRE HYDRANT LOCATING; BY MEANS OF BLUE REFLECTOR; TOGETHER WITH BITUMEN MARKINGS	F6	4005-30009-03	2	FIRE SERVICES; OFF EXISTING WATER MAIN	F2
4005-30007-04	1	RURAL INDICATOR POSTS & SIGNS	C17	<b>SECTION 10 MISCELLANEOUS</b>			
				4005-30010-01	1	CORROSION PROTECTION FOR; COPPER CONNECTION	H1, H2, H3
				4005-30010-02	1	CATHODIC PROTECTION; FOR WATER MAINS; TYPICAL DETAILS	H6, H7
				4005-30010-03	1	WATER CONNECTIONS; DISCONNECTIONS; PERMANENT & TEMPORARY	L3, L4
				4005-30010-04	1	REPAIR OF; DN20 COPPER WATER CONNECTIONS	L1, L2
				4005-30010-05	1	WATER CONNECTION RELOCATION; WATER METER RELOCATION; (DN20 & DN25 ONLY)	K7, L6
				4005-30010-06	1	NON DRINKING WATER SYSTEM; RETRO FITTING OF AIR BLEED ASSEMBLY	K5

REVISION PANEL					DESIGN PANEL			 <p>SA WATER STANDARD DRAWINGS WATER SUPPLY CONSTRUCTION MANUAL</p> <p>DRAWING INDEX SHEET 2 OF 2</p>	A3	5
REV	DATE	DRN	DETAILS	APR	CURRENT REV 16/08/19	DESIGNED: 28/09/15	AUTHORISED: 31/03/16		SHT SIZE	REVISION
5	16/08/19	JP	REVISIONS UPDATED TO MATCH CURRENT DRAWINGS	MA	AUTHORISED:	RJP	T GALEK		TOTAL SHEETS: 2	
4	09/07/18	RP	DRAWING REVISED AS INDICATED		M. AKSOY	DRAWN: 16/11/15	SIGNATURE:		SUPERSEDES:	
3	23/03/17	RP	4005-30008-09 TO 4005-30008-12 REVISED	TG	SIGNATURE:	MS			DRAWING NUMBER	
2	2/12/16	RP	VARIOUS DRAWINGS REVISED	TG		REVIEWED: 21/03/16	ORIGINAL SIGNED	4005-30001-02		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG		PREFIX	NUMBER	SHEET

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