


DRAWING NO.	REV.	TITLE	FORMERLY	DRAWING NO.	REV.	TITLE	FORMERLY
<b>SECTION 1</b>				<b>SECTION 5</b>			
<b>DRAWING INDEX</b>				<b>MAINLAYING</b>			
4005-30001-01	3	DRAWING INDEX SHEET 1 OF 2		4005-30005-01	1	SLEEVEING OF; DICL PIPE & FITTING	C1, C2
4005-30001-02	2	DRAWING INDEX SHEET 2 OF 2		4005-30005-02	1	PIPE JOINTING &; DEFLECTION	C3, C4
<b>SECTION 2</b>				<b>SECTION 6</b>			
<b>GENERAL INFORMATION</b>				<b>WATER CONNECTIONS</b>			
4005-30002-01	2	GENERAL NOTES; SHEET 1 OF 3		4005-30006-01	1	WATER CONNECTION; TYPICAL LAYOUT & NOTES	E1
4005-30002-02	2	GENERAL NOTES; SHEET 2 OF 3		4005-30006-02	1	DN20 & DN25 CONNECTIONS; WATER MAIN TO INLET RISER	E2
4005-30002-03	1	GENERAL NOTES; SHEET 3 OF 3; DESIGN DRAWINGS FITTINGS SYMBOLS	J1	4005-30006-03	1	WATER CONNECTIONS FROM NEW MAIN; APPROVED TAPPING METHODS; DN20 & DN25 CONNECTIONS	E8, E9
<b>SECTION 3</b>				<b>SECTION 6</b>			
<b>EXCAVATION, EMBEDMENT</b>				<b>WATER CONNECTIONS</b>			
4005-30003-01	1	PIPE EMBEDMENT & TRENCH FILL; REQUIREMENT	B1	4005-30006-04	1	WATER CONNECTIONS FROM EXISTING MAIN; APPROVED TAPPING METHODS; DN20 & DN25 CONNECTIONS	E8, E9
4005-30003-02	1	INSTALLATION OF WATER SUPPLY PIPES; IN ROAD RESERVES AND EASEMENTS; USING TS4 SAND	B2	4005-30006-05	2	DN40 CONNECTION; WATER MAIN TO; INLET RISER	E6
4005-30003-03	2	REINSTATEMENT OF ROAD PAVEMENTS; HARD SHOULDERS AND VERGES IN ROAD; RESERVES	B3	4005-30006-06	1	DN50 CONNECTION; WATER MAIN TO; INLET RISER	E7
4005-30003-04	1	REINSTATEMENT OF EXCAVATIONS AFTER; BURSTS OR OTHER; SMALL SCALE REPAIR WORKS	B4	4005-30006-07	1	WATER CONNECTIONS; CONNECTION OFF MSCL MAIN	E8, E10, E11
4005-30003-05	1	SOIL CLASSIFICATION GUIDELINES	B5	4005-30006-08	1	WATER CONNECTIONS; CORROSION PROTECTION FOR; PE CONNECTIONS	H4, H5
4005-30003-06	1	BENDS & TEES; THRUST & ANCHOR BLOCK DETAILS	B7	4005-30006-09	1	BELOW GROUND CHAMBER; WITH DN20 INLET RISER; FOR NEW WATER METER	
4005-30003-07	1	THRUST BLOCKS	B8, B17	4005-30006-10	1	SINGLE WATER CONNECTION; SUPPLYING TWO PROPERTIES	
4005-30003-08	1	RESTRAINED DUCTILE IRON JOINED SYSTEM	B9				
<b>SECTION 4</b>				<b>SECTION 6</b>			
<b>ALLOCATION OF SPACE</b>				<b>WATER CONNECTIONS</b>			
4005-30004-01	1	ALLOCATION OF SPACE FOR SERVICES IN; NEW LAND DIVISIONS; TYPICAL LAYOUT	D1				
4005-30004-02	1	ALLOCATION OF SPACE FOR; SERVICES IN LAND DIVISIONS; ALLOTMENT FRONTAGE GREATER THAN 8 m	D2, D3				
4005-30004-03	1	ALLOCATION OF SPACE FOR; SERVICES IN LAND DIVISIONS; ALLOTMENT FRONTAGE LESS THAN 8 m	D4, D5				


REVISION PANEL					DESIGN PANEL			 SA Water	SA WATER STANDARD DRAWINGS		A3	3
REV	DATE	DRN	DETAILS	APR	CURRENT REV 16/12/16	DESIGNED: 28/09/15	AUTHORISED: 31/03/16		WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE	REVISION
					AUTHORISED:	RJP	T.GALEK			TOTAL SHEETS:		
					T.GALEK	DRAWN: 16/11/15	SIGNATURE:			SUPERSEDES:		
3	2/12/16	RP	VARIOUS DRAWINGS REVISED		SIGNATURE:	MS				DRAWING NUMBER		
2	26/04/16	MS	4005-30001-01 & 4005-30003-03 REISSUED	MA		REVIEWED: 21/03/16	ORIGINAL SIGNED			4005-30001-01		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG				PREFIX	SHEET	
								DRAWING INDEX SHEET 1 OF 2				



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A3	3
SHT SIZE	REVISION
TOTAL SHEETS:	
SUPERSEDES:	
DRAWING NUMBER	
4005-30001-01	
PREFIX	SHEET

DRAWING NO.	REV.	TITLE	FORMERLY	DRAWING NO.	REV.	TITLE	FORMERLY
<b>SECTION 7 ACCESS CHAMBERS AND MARKERS</b>				<b>SECTION 10 MISCELLANEOUS</b>			
4005-30007-01	2	CAST IRON STREET BOX FRAME; INSTALLATION IN SEALED ROADS	C11, C11A	4005-30010-01	1	CORROSION PROTECTION FOR; COPPER CONNECTION	H1, H2, H3
4005-30007-02	2	CAST IRON STREETBOX; INSTALLATION IN UNMADE ROAD	C10	4005-30010-02	1	CATHODIC PROTECTION; FOR WATER MAINS; TYPICAL DETAILS	H6, H7
4005-30007-03	2	FIRE HYDRANT LOCATING; BY MEANS OF BLUE REFLECTOR; TOGETHER WITH BITUMEN MARKINGS	F6	4005-30010-03	1	WATER CONNECTIONS; DISCONNECTIONS; PERMANENT & TEMPORARY	L3, L4
4005-30007-04	1	RURAL INDICATOR POSTS & SIGNS	C17	4005-30010-04	1	REPAIR OF; DN20 COPPER WATER CONNECTIONS	L1, L2
<b>SECTION 8 METER ASSEMBLIES</b>				4005-30010-05	1	WATER CONNECTION RELOCATION; WATER METER RELOCATION; (DN20 & DN25 ONLY)	K7, L6
4005-30008-01	1	DN20 & DN25 WATER METERS; ABOVE GROUND METER ASSEMBLY; STANDARD INSTALLATION	E12, E13, E14	4005-30010-06	1	NON DRINKING WATER SYSTEM; RETRO FITTING OF AIR BLEED ASSEMBLY	K5
4005-30008-02	1	DN40 & DN50 WATER METERS; ABOVE GROUND METER ASSEMBLY; STANDARD INSTALLATION	E16, E17				
4005-30008-03	2	DN20 & DN25 WATER METERS; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L16				
4005-30008-04	1	DN40 WATER METER; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L17				
4005-30008-05	1	DN50 WATER METER; METER IN BELOW GROUND CHAMBER; STANDARD INSTALLATION	L18				
4005-30008-06	1	DN20 & DN25 WATER METERS; MANIFOLD ASSEMBLY; STANDARD INSTALLATION	E20, E22				
4005-30008-07	1	DN80, DN100, AND DN150; WATER CONNECTIONS; ABOVE GROUND TURBINE METER	E18				
4005-30008-08	1	DN80, DN100, DN150 AND DN200; WATER CONNECTIONS; ABOVE GROUND MAG FLOW METER	E19				
4005-30008-09	3	DN20 NON DRINKING WATER METER; METER ASSEMBLIES; ABOVE & BELOW GROUND	K2				
4005-30008-10	2	DN25 NON DRINKING WATER METER; METER ASSEMBLIES; STANDARD INSTALLATION					
4005-30008-11	2	DN40 NON DRINKING WATER METER; METER ASSEMBLIES; STANDARD INSTALLATION					
4005-30008-12	2	DN50 NON DRINKING WATER METER; METER ASSEMBLIES; STANDARD INSTALLATION					
<b>SECTION 9 FIRE SERVICES AND PRV INSTALLATIONS</b>							
4005-30009-01	1	NEW MAINS UP TO DN375; LAYING DETAILS FOR; PILLAR FIRE HYDRANTS	F1				
4005-30009-02	2	FIRE SERVICES; OFF NEW WATER MAIN	F2				
4005-30009-03	2	FIRE SERVICES; OFF EXISTING WATER MAIN	F2				

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REV	DATE	DRN	DETAILS	APR	CURRENT REV AUTHORISED:	DESIGNED: 28/09/15	AUTHORISED: 31/03/16		WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE	REVISION
						RJP	T GALEK				TOTAL SHEETS:	
					SIGNATURE:	DRAWN: 16/11/15	SIGNATURE:				SUPERSEDES:	
3	23/03/17	RP	4005-30008-09 TO 4005-30008-12 REVISED		<i>T. Galek</i>	MS	ORIGINAL SIGNED		DRAWING INDEX		DRAWING NUMBER	
2	2/12/16	RP	VARIOUS DRAWINGS REVISED	TG		REVIEWED: 21/03/16		SHEET 2 OF 2		4005-30001-02		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG				PREFIX	SHEET	