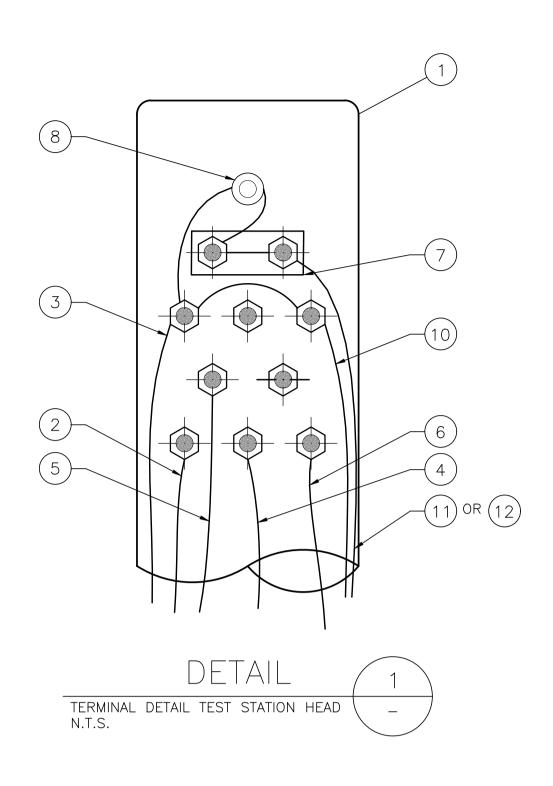
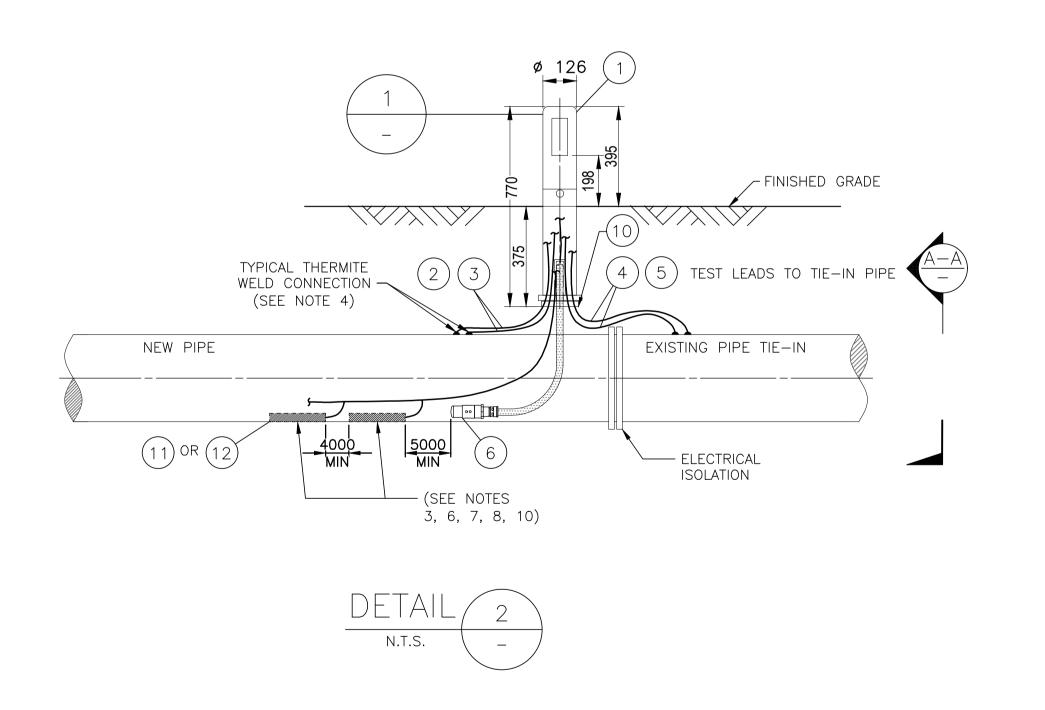
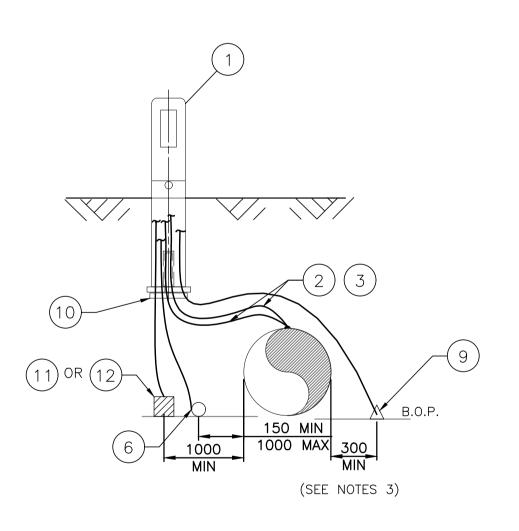
DRAWING INDEX: CATHODIC PROTECTION INSTALLATION DETAILS

DRAWING NO.	REVISION	DRAWING TITLE
2001979.156	-	ISOLATION / BONDING TEST STATION INSTALLATION DETAILS
2001979.157	-	CASED CROSSING TEST STATION INSTALLATION DETAILS
2001979.158	-	STANDARD MONITORING TEST STATION INSTALLATION DETAIL
2001979.159	-	INTERFERENCE / FOREIGN CROSSING TEST STATION INSTALLATION DETAILS









INSTALLATION OF MONITORING EQUIPMENT

					DESIGNED				
					DES. CHECKED			S. DANKS	
					DRAWN			OPERATIONS: HEAD OF WATER	
					DWG. CHECKED	C.MECKLER	08-25		V
					WSL PRINCIPAL ENG.	W.STRYDOM	08-25	T.SCHEIRLINCK	COP
-	08-25	FIRST ISSUE	C.M	W.S				CTDATEON AND DIAMINO	conce Water
ISSUE	DATE	AMENDMENT	BY	APPD.				STRATEGY AND PLANING: HEAD OF WATER	used



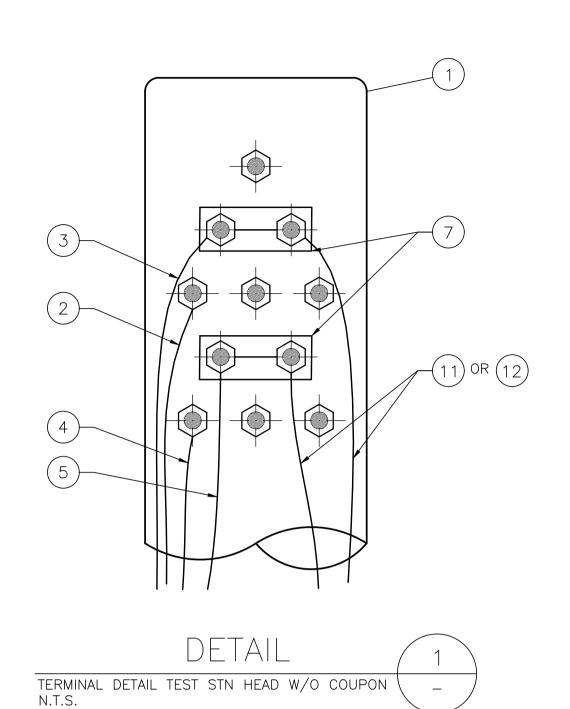
WATER RETICULATION CATHODIC PROTECTION AND AC MITIGATION TEST STATION ISOLATION / BONDING TEST STATION INSTALLATION DETAILS

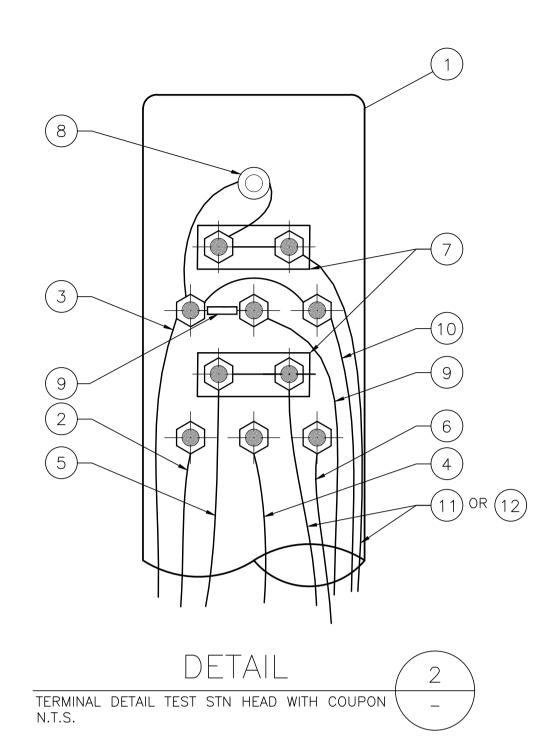
CAD FILE	2001979.156	DATE 25-	-08-25
ORIGII	NAL SCALE A3 N.T.S.	CONTRAC	T No.
REF No.			ISSUE
DWG No.	2001979	.156	_

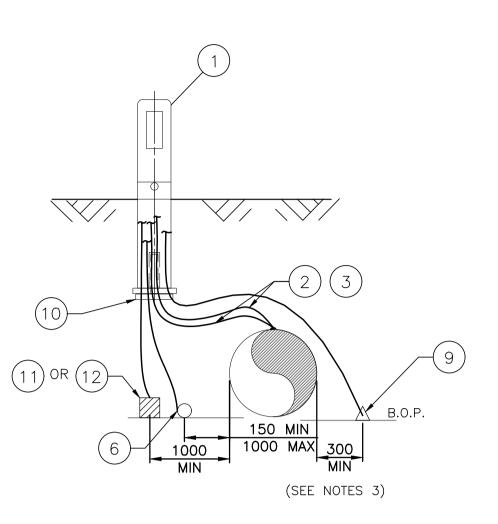
	MATERIAL LIST					
ITEM#	DESCRIPTION					
1	TEST STATION, 770mm X 126mm DIAMETER U.V. RESISTANT PLASTIC, 7 CONNECTION TERMINAL BOARD & CABLE LUGS, ECOPILLAR EPO					
2	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
3	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
4	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: WHITE, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
5	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: WHITE, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
6	REFERENCE ELECTRODE, PREPACKAGED, MINIMUM 30 YR LIFE, 15m (50ft) MIN #14 AWG (2.5mm²), XLPE (OR APPROVED EQUIVALENT)					
7	SHUNT, 0.1ohm, RED (FOR USE WITH ITEMS 11 AND 12)					
8	NORMALLY CLOSED PUSH BUTTON SWITCH (FOR USE WITH ITEMS 11 AND 12), USE MINIMUM #16 AWG (1.5mm²) FOR TERMINAL WIRE CONNECTIONS					
9	OPTIONAL: AC COUPON, AREA 1cm², NOMINAL 20mil COATING THICKNESS, MINIMUM 10m #12 AWG (4mm²), 7 STRAND, COPPER CABLE FOR DIRECT BURIAL, c/w 3 WATT 10ohm RESISTOR					
10	OPTIONAL: CORROSION COUPON, ROHRBAK COSASCO SYSTEMS SMART TEST STATION ER PROBE, FOOT ONLY					
11	OPTIONAL: ANODE, MAGNESIUM, HIGH POTENTIAL PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, BLUE					
12	OPTIONAL: ANODE, ZINC, PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, WHITE					

GENERAL NOTES:

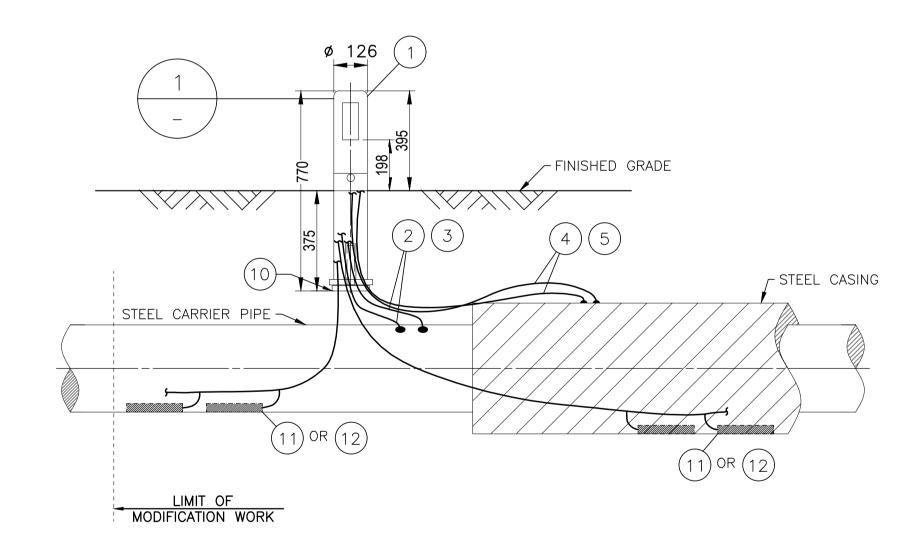
- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE SPECIFIED.
- 2. FOR TEST STATIONS SEE CONSTRUCTION LAYOUT DRAWINGS.
- 3. PREPACKAGED ANODE AND REFERENCE ELECTRODE SHALL BE PRESOAKED IN CLEAN FRESH WATER A MINIMUM OF 20 MINUTES BEFORE INSTALLATION. ONCE INSTALLED, COVER THE ANODE AND REFERENCE ELECTRODE WITH 150mm TO 200mm OF SELECT BACKFILL AND SOAK BACKFILL TO ACTIVATE PRIOR TO SAND INSTALLATION.
- REQUIREMENTS FOR CONNECTING CABLES TO PIPELINE ARE DETAILED IN THE LATEST VERSION OF DRAWING 2001979.091.
- 5. TERMINATE WIRES FROM PIPELINE, ANODES AND REFERENCE ELECTRODE IN THE TEST STATION AS SHOWN IN DETAIL 1.
- 6. GALVANIC ANODES ARE TO BE PLACED A MINIMUM OF 5m FROM THE NEAREST REFERENCE ELECTRODE COUPON OR ER PROBE AND A MINIMUM OF 1m FROM THE PIPELINE.
- 7. FOR MULTIPLE ANODES, LONGER ANODE LEADS ARE REQUIRED FOR EACH SUBSEQUENT ANODE. EACH GALVANIC ANODE LEAD IS TO BE TERMINATED DIRECTLY IN THE TEST STATION.
- 8. ANODES ARE TO BE SPACED A MINIMUM OF 4m APART.
- 9. AC COUPON TO BE INSTALLED ON OPPOSITE SIDE OF PIPE FROM REFERENCE ELECTRODE WITH MINIMUM UPSTREAM/DOWNSTREAM SEPARATION DISTANCE OF 1m. AC COUPON NOT SHOWN IN DETAIL 2 FOR CLARITY.
- 10. NO CABLE SPLICES PERMITTED.
- 11. ALL WIRING TO BE APPROPRIATELY LABELLED INCLUDING PIPE SIZE, STRUCTURE NAME AND OWNER.
- 12. ALL TEST LEADS MUST BE A MINIMUM OF 610mm BELOW GRADE ON HORIZONTAL CABLE RUNS.



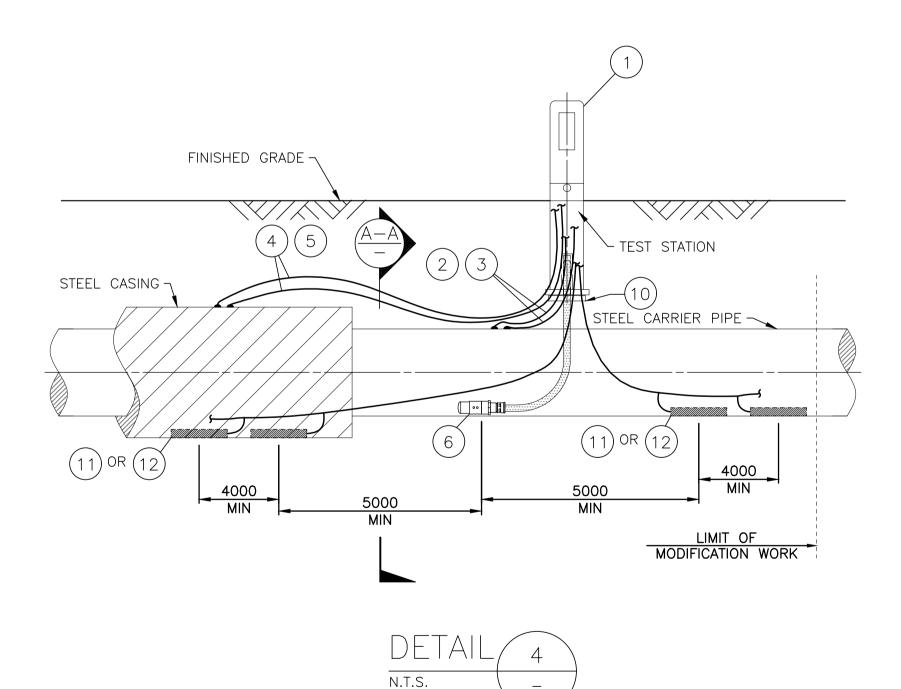












	MATERIAL LIST
ITEM#	DESCRIPTION
1	TEST STATION, 770mm X 126mm DIAMETER U.V. RESISTANT PLASTIC, 7 CONNECTION TERMINAL BOARD & CABLE LUGS, ECOPILLAR EPO
2	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE
3	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE
4	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: GREEN, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE
5	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: GREEN, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE
6	REFERENCE ELECTRODE, PREPACKAGED, MINIMUM 30 YR LIFE, 15m (50ft) MIN #14 AWG (2.5mm²), XLPE (OR APPROVED EQUIVALENT)
7	SHUNT, 0.1ohm, RED (FOR USE WITH ITEMS 11 AND 12)
8	NORMALLY CLOSED PUSH BUTTON SWITCH (FOR USE WITH ITEMS 11 AND 12), USE MINIMUM #16 AWG (1.5mm²) FOR TERMINAL WIRE CONNECTIONS
9	OPTIONAL: AC COUPON, AREA 1cm², NOMINAL 20mil COATING THICKNESS, MINIMUM 10m #12 AWG (4mm²), 7 STRAND, COPPER CABLE FOR DIRECT BURIAL, c/w 3 WATT 10ohm RESISTOR
10	OPTIONAL: CORROSION COUPON, ROHRBAK COSASCO SYSTEMS SMART TEST STATION ER PROBE, FOOT ONLY
11	OPTIONAL: ANODE, MAGNESIUM, HIGH POTENTIAL PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, BLUE
12	OPTIONAL: ANODE, ZINC, PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, WHITE

GENERAL NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE SPECIFIED.
- 2. FOR TEST STATIONS SEE CONSTRUCTION LAYOUT DRAWINGS.
- 3. PREPACKAGED ANODE AND REFERENCE ELECTRODE SHALL BE PRESOAKED IN CLEAN FRESH WATER A MINIMUM OF 20 MINUTES BEFORE INSTALLATION. ONCE INSTALLED, COVER THE ANODE AND REFERENCE ELECTRODE WITH 150mm TO 200mm OF SELECT BACKFILL AND SOAK BACKFILL TO ACTIVATE PRIOR TO SAND INSTALLATION.
- REQUIREMENTS FOR CONNECTING CABLES TO PIPELINE ARE DETAILED IN THE LATEST VERSION OF DRAWING 2001979.091.
- TERMINATE WIRES FROM PIPELINE, ANODES AND REFERENCE ELECTRODE IN THE TEST STATION AS SHOWN IN DETAILS 1 AND 2.
- 6. GALVANIC ANODES ARE TO BE PLACED A MINIMUM OF 5m FROM THE NEAREST REFERENCE ELECTRODE COUPON OR ER PROBE AND A MINIMUM OF 1m FROM THE PIPELINE.
- 7. FOR MULTIPLE ANODES, LONGER ANODE LEADS ARE REQUIRED FOR EACH SUBSEQUENT ANODE. EACH GALVANIC ANODE LEAD IS TO BE TERMINATED DIRECTLY IN THE TEST STATION.
- 8. ANODES ARE TO BE SPACED A MINIMUM OF 4m APART.
- AC COUPON TO BE INSTALLED ON OPPOSITE SIDE OF PIPE FROM REFERENCE ELECTRODE WITH MINIMUM UPSTREAM/DOWNSTREAM SEPARATION DISTANCE OF 1m. AC COUPON NOT SHOWN IN DETAIL 4 FOR CLARITY.
- 10. NO CABLE SPLICES PERMITTED.
- 11. ALL WIRING TO BE APPROPRIATELY LABELLED INCLUDING PIPE SIZE, STRUCTURE NAME AND OWNER.
- 12. ALL TEST LEADS MUST BE A MINIMUM OF 610mm BELOW GRADE ON HORIZONTAL CABLE RUNS.

					DESIGNED			0
					DES. CHECKED			S. DANKS
					DRAWN			OPERATIONS: HEAD OF WATER
					DWG. CHECKED	C.MECKLER	08-25	
					WSL PRINCIPAL ENG.	W.STRYDOM	08-25	T.SCHEIRLINCK
_	08-25	FIRST ISSUE	C.M	W.S				CTDATEOV AND DIANING
ISSUE	DATE	AMENDMENT	BY	APPD.				STRATEGY AND PLANING: HEAD OF WATER

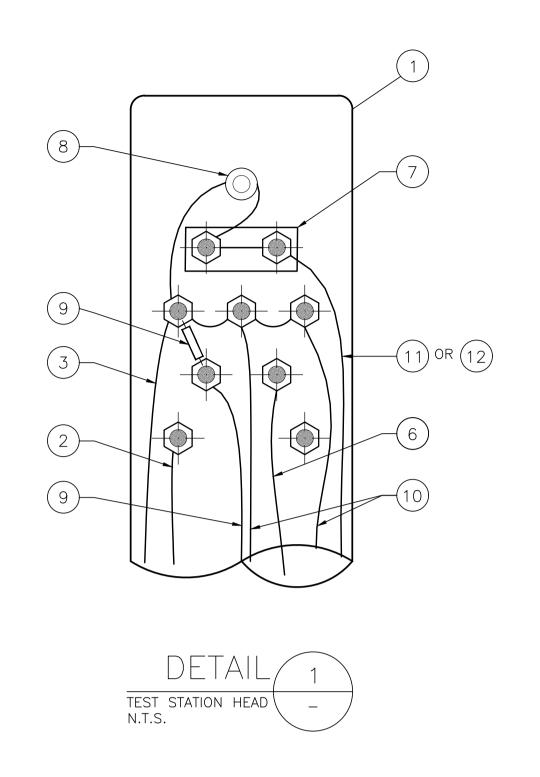


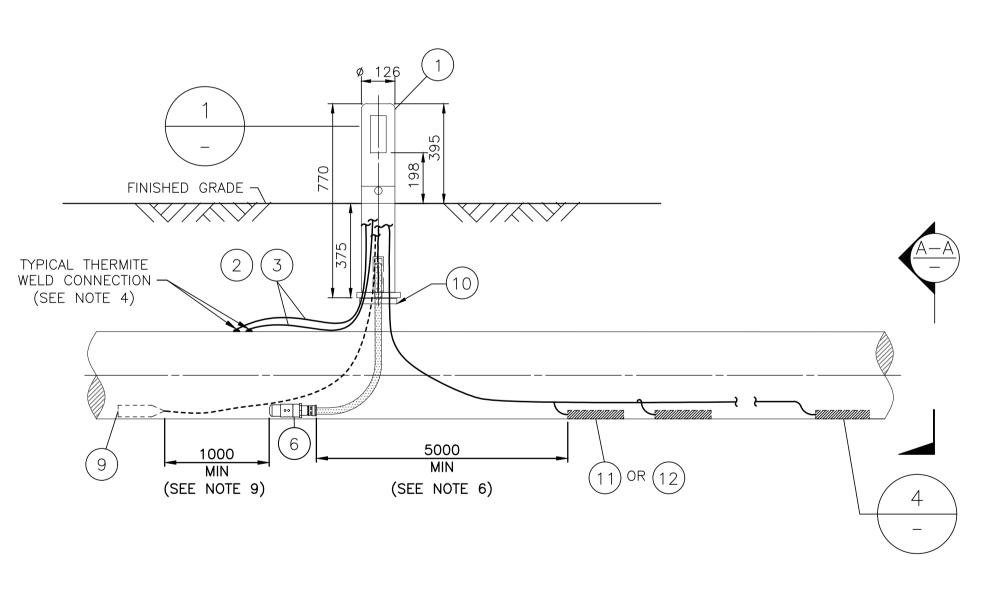
WATER RETICULATION

CATHODIC PROTECTION INSTALLATION DETAILS

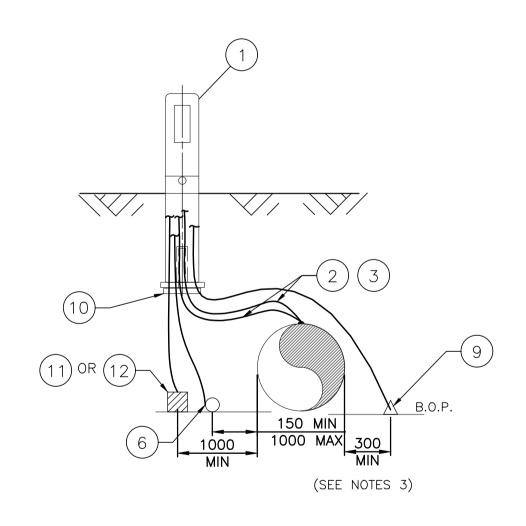
CASED CROSSING TEST STATION INSTALLATION DETAILS

CAD FILE 2001979.157	DATE 25-08-25
ORIGINAL SCALE A3 N.T.S.	CONTRACT No.
REF No.	ISSUE
DWG No. 20019	79 .157 –











	MATERIAL LIST					
ITEM#	DESCRIPTION					
1	TEST STATION, 770mm X 126mm DIAMETER U.V. RESISTANT PLASTIC, 7 CONNECTION TERMINAL BOARD & CABLE LUGS, ECOPILLAR EPO					
2	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
3	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
4	NOT USED					
5	NOT USED					
6	REFERENCE ELECTRODE, PREPACKAGED, MINIMUM 30 YR LIFE, 15m (50ft) MIN #14 AWG (2.5mm²), XLPE (OR APPROVED EQUIVALENT)					
7	SHUNT, 0.1ohm, RED (FOR USE WITH ITEMS 11 AND 12)					
8	NORMALLY CLOSED PUSH BUTTON SWITCH (FOR USE WITH ITEMS 11 AND 12), USE MINIMUM #16 AWG (1.5mm²) FOR TERMINAL WIRE CONNECTIONS					
9	OPTIONAL: AC COUPON, AREA 1cm², NOMINAL 20mil COATING THICKNESS, MINIMUM 10m #12 AWG (4mm²), 7 STRAND, COPPER CABLE FOR DIRECT BURIAL, c/w 3 WATT 10ohm RESISTOR					
10	OPTIONAL: CORROSION COUPON, ROHRBAK COSASCO SYSTEMS SMART TEST STATION ER PROBE, FOOT ONLY					
11	OPTIONAL: ANODE, MAGNESIUM, HIGH POTENTIAL PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, BLUE					
12	OPTIONAL: ANODE, ZINC, PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, WHITE					

GENERAL NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE SPECIFIED.
- 2. FOR TEST STATIONS SEE CONSTRUCTION LAYOUT DRAWINGS.
- 3. PREPACKAGED ANODE AND REFERENCE ELECTRODE SHALL BE PRESOAKED IN CLEAN FRESH WATER A MINIMUM OF 20 MINUTES BEFORE INSTALLATION. ONCE INSTALLED, COVER THE ANODE AND REFERENCE ELECTRODE WITH 150mm TO 200mm OF SELECT BACKFILL AND SOAK BACKFILL TO ACTIVATE PRIOR TO SAND INSTALLATION.
- 4. REQUIREMENTS FOR CONNECTING CABLES TO PIPELINE ARE DETAILED IN THE LATEST VERSION OF DRAWING 2001979.091.
- TERMINATE WIRES FROM PIPELINE, ANODES AND REFERENCE ELECTRODE IN THE TEST STATION AS SHOWN IN DETAIL 1.
- 6. GALVANIC ANODES ARE TO BE PLACED A MINIMUM OF 5m FROM THE NEAREST REFERENCE ELECTRODE COUPON OR ER PROBE AND A MINIMUM OF 1m FROM THE PIPELINE.
- 7. FOR MULTIPLE ANODES, LONGER ANODE LEADS ARE REQUIRED FOR EACH SUBSEQUENT ANODE. EACH GALVANIC ANODE LEAD IS TO BE TERMINATED DIRECTLY IN THE TEST STATION.
- 8. ANODES ARE TO BE SPACED A MINIMUM OF 4m APART.
- 9. AC COUPON TO BE INSTALLED ON OPPOSITE SIDE OF PIPE FROM REFERENCE ELECTRODE WITH MINIMUM UPSTREAM/DOWNSTREAM SEPARATION DISTANCE OF 1m.
- 10. NO CABLE SPLICES PERMITTED.
- 11. ALL WIRING TO BE APPROPRIATELY LABELLED INCLUDING PIPE SIZE, STRUCTURE NAME AND OWNER.
- 12. ALL TEST LEADS MUST BE A MINIMUM OF 610mm BELOW GRADE ON HORIZONTAL CABLE RUNS.

					DESIGNED			
					DES. CHECKED			S. DANKS
					DRAWN			OPERATIONS: HEAD OF WATER
					DWG. CHECKED	C.MECKLER	08-25	
					WSL PRINCIPAL ENG.	W.STRYDOM	08-25	T.SCHEIRLINCK
_	08-25	FIRST ISSUE	C.M	W.S				
ISSUE	DATE	AMENDMENT	BY	APPD.				STRATEGY AND PLANING: HEAD OF WATER

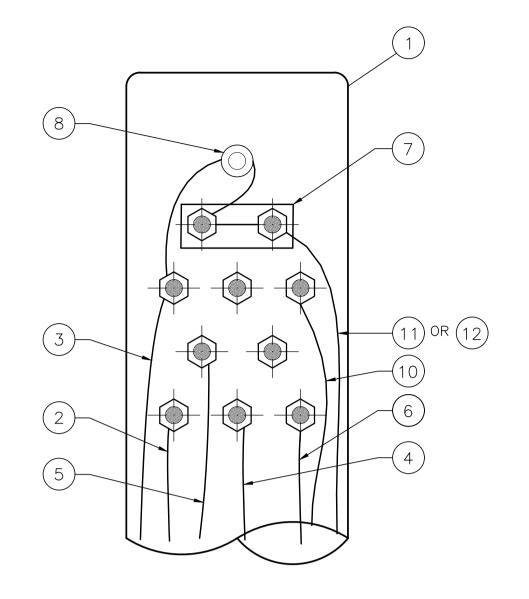
R —	Watercare
_, -	COPYRIGHT — This drawing, the design concept, remain the exclusive property of Watercare Services Limited and may not be used without approval. Copyright reserved.

WATER RETICULATION

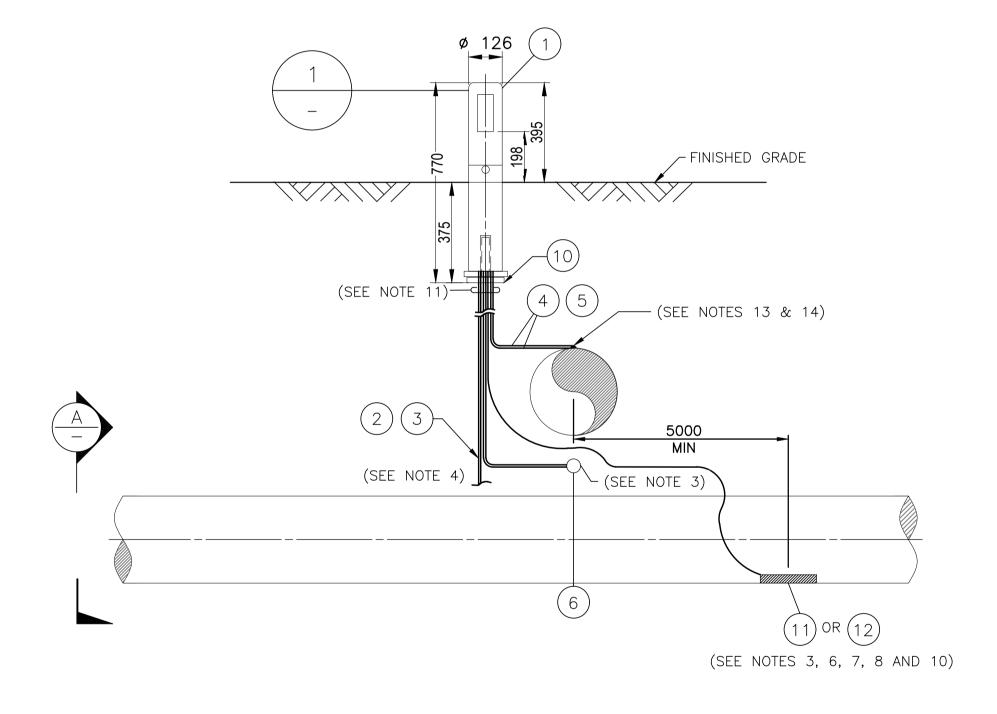
CATHODIC PROTECTION AND AC MITIGATION TEST STATION

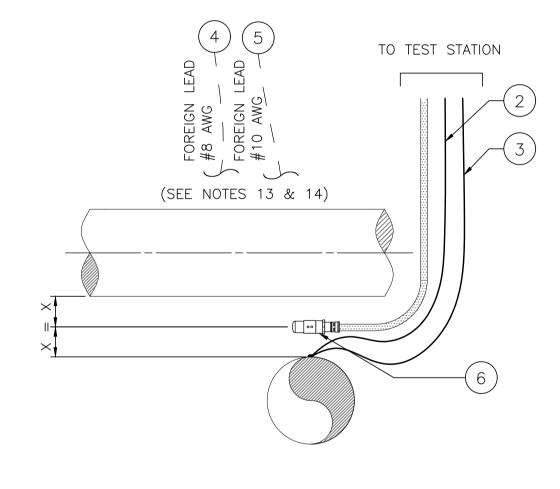
STANDARD MONITORING TEST STATION INSTALLATION DETAIL

CAD FILE 2001979.158	DATE 25-08-25
original scale a3 N.T.S.	CONTRACT No.
REF No.	ISSUE
DWG No. 200197	79 .158 –













	MATERIAL LIST					
ITEM#	DESCRIPTION					
1	TEST STATION, 770mm X 126mm DIAMETER U.V. RESISTANT PLASTIC, 7 CONNECTION TERMINAL BOARD & CABLE LUGS, ECOPILLAR EPO					
2	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
3	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: BLACK, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
4	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #10 AWG (6mm²), COLOUR: WHITE, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
5	CABLE, CATHODIC PROTECTION, CONDUCTOR SIZE: #8 AWG (10mm²), COLOUR: WHITE, XLPE, 1 CONDUCTOR, 7 STRAND, COPPER CABLE					
6	REFERENCE ELECTRODE, PREPACKAGED, MINIMUM 30 YR LIFE, 15m (50ft) MIN #14 AWG (2.5mm²), XLPE (OR APPROVED EQUIVALENT)					
7	SHUNT, 0.1ohm, RED (FOR USE WITH ITEMS 11 AND 12)					
8	NORMALLY CLOSED PUSH BUTTON SWITCH (FOR USE WITH ITEMS 11 AND 12), USE MINIMUM #16 AWG (1.5mm²) FOR TERMINAL WIRE CONNECTIONS					
9	OPTIONAL: AC COUPON, AREA 1cm², NOMINAL 20mil COATING THICKNESS, MINIMUM 10m #12 AWG (4mm²), 7 STRAND, COPPER CABLE FOR DIRECT BURIAL, c/w 3 WATT 10ohm RESISTOR					
10	OPTIONAL: CORROSION COUPON, ROHRBAK COSASCO SYSTEMS SMART TEST STATION ER PROBE, FOOT ONLY					
11	OPTIONAL: ANODE, MAGNESIUM, HIGH POTENTIAL PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, BLUE					
12	OPTIONAL: ANODE, ZINC, PER AS2239, SECTION 4.2 (DESIGN) c/w BACKFILL OF NOMINAL GYPSUM, BENTONITE, SODIUM SULPHATE COMPOSITION PACKAGED IN A WATER PERMEABLE MEMBRANE, 5m #10 AWG (6mm²) COPPER WIRE, WHITE					

GENERAL NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE SPECIFIED.
- 2. FOR TEST STATION LOCATIONS SEE CONSTRUCTION LAYOUT DRAWINGS.
- 3. PREPACKAGED ANODE AND REFERENCE ELECTRODE SHALL BE PRESOAKED IN CLEAN FRESH WATER A MINIMUM OF 20 MINUTES BEFORE INSTALLATION. ONCE INSTALLED, COVER THE ANODE AND REFERENCE ELECTRODE WITH 150mm TO 200mm OF SELECT BACKFILL AND SOAK BACKFILL TO ACTIVATE PRIOR TO SAND INSTALLATION.
- 4. REQUIREMENTS FOR CONNECTING CABLES TO PIPELINE ARE DETAILED IN THE LATEST VERSION OF DRAWING 2001979.091.
- 5. TERMINATE WIRES FROM PIPELINE, ANODES AND REFERENCE ELECTRODE IN THE TEST STATION AS SHOWN IN DETAIL 1.
- 6. GALVANIC ANODES ARE TO BE PLACED A MINIMUM OF 5m FROM THE NEAREST REFERENCE ELECTRODE COUPON OR ER PROBE AND A MINIMUM OF 1m FROM THE PIPELINE.
- 7. FOR MULTIPLE ANODES, LONGER ANODE LEADS ARE REQUIRED FOR EACH SUBSEQUENT ANODE.
- EACH GALVANIC ANODE LEAD IS TO BE TERMINATED DIRECTLY IN THE TEST STATION.
- 8. ANODES ARE TO BE SPACED A MINIMUM OF 4m APART. 9. AC COUPON TO BE INSTALLED ON OPPOSITE SIDE OF PIPE FROM REFERENCE ELECTRODE WITH
- MINIMUM UPSTREAM/DOWNSTREAM SEPARATION DISTANCE OF 1m.
- 10. NO CABLE SPLICES PERMITTED.
- 11. ALL WIRING TO BE APPROPRIATELY LABELLED INCLUDING PIPE SIZE, STRUCTURE NAME AND OWNER.
- 12. ALL TEST LEADS MUST BE A MINIMUM OF 610mm BELOW GRADE ON HORIZONTAL CABLE RUNS.
- 13. FOREIGN PIPELINE OWNER APPROVAL MUST BE OBTAINED PRIOR TO INSTALLATION OF LEAD WIRES ON THE FOREIGN FACILITY.
- 14. COLOUR AND CABLE SIZE(S) MAY BE SPECIFIED BY FOREIGN PIPELINE OWNER OR PROJECT DRAWINGS.

					DESIGNED			S. DANKS
					DES. CHECKED			
					DRAWN			OPERATIONS: HEAD OF WATER
					DWG. CHECKED	C.MECKLER	08-25	
					WSL PRINCIPAL ENG.	W.STRYDOM	08-25	T.SCHEIRLINCK
_	08-25	FIRST ISSUE	C.M	W.S				OTDATEO/ AND DIAMING
SSUE	DATE	AMENDMENT	BY	APPD.				STRATEGY AND PLANING: HEAD OF WATER



WATER RETICULATION CATHODIC PROTECTION INSTALLATION DETAILS

INTERFERENCE / FOREIGN CROSSING TEST STATION INSTALLATION DETAILS

CAD FILE 2001979.159	date 25-08-25			
original scale a3 N.T.S.	CONTRACT No.			
REF No.	ISSUE			
DWG No. 2001979	9 .159 –			