



**LEGEND**

- EXISTING GROUND LEVEL
- DESIGN WATER LEVEL
- CANAL DESIGN BED LEVEL

	START POINT	FD-1-1	FD-1-2	FD-1-3	FD-1-4	FD-1-5	FD-1-6	FD-1-7	END POINT																																	
HYDRAULIC GRADE (m asl)	580.690	580.555	580.465	580.405	580.330	580.325	580.325	580.260	580.170	580.025	579.840	579.735	579.755	579.785	579.850	579.895	579.940	579.985	580.020	580.070	580.130	580.175	580.105	580.030	579.970	579.910	579.850	579.860	579.875	579.910	579.965	580.010	579.915	579.675	579.835	580.035	580.035	579.675	579.633	579.630	580.110	784.10
CHAINAGE (m)	000.00	020.00	040.00	060.00	080.00	100.00	120.00	140.00	160.00	180.00	200.00	220.00	240.00	260.00	280.00	300.00	320.00	340.00	360.00	380.00	400.00	420.00	440.00	460.00	480.00	500.00	520.00	540.00	560.00	580.00	600.00	620.00	640.00	660.00	680.00	700.00	720.00	740.00	760.00	780.00	784.10	
GROUND LEVEL (m asl)	580.690	580.555	580.465	580.405	580.330	580.325	580.325	580.260	580.170	580.025	579.840	579.735	579.755	579.785	579.850	579.895	579.940	579.985	580.020	580.070	580.130	580.175	580.105	580.030	579.970	579.910	579.850	579.860	579.875	579.910	579.965	580.010	579.915	579.675	579.835	580.035	580.035	579.675	579.633	580.110	784.10	
FULL SUPPLY LEVEL (m amsl)	580.889	580.171	580.157	580.137	580.123	580.109	580.095	580.081	580.067	580.053	580.039	580.025	580.011	579.997	579.983	579.969	579.955	579.941	579.927	579.913	579.899	579.885	579.871	579.857	579.843	579.829	579.815	579.801	579.787	579.773	579.759	579.745	579.731	579.717	579.703	579.689	579.675	579.661	579.647	579.633	579.630	784.10
CANAL BED LEVEL (m amsl)	579.889	579.871	579.857	579.837	579.823	579.809	579.795	579.781	579.767	579.753	579.739	579.725	579.711	579.697	579.683	579.669	579.655	579.641	579.627	579.613	579.599	579.585	579.571	579.557	579.543	579.529	579.515	579.501	579.487	579.473	579.459	579.445	579.431	579.417	579.403	579.389	579.375	579.361	579.347	579.333	579.330	784.10
DESIGN FLOW (l/s)	90																																									
DESIGN BED SLOPE (m/m)	0.0007																																									
INSIDE SLOPE	15																																									
CANAL BED WIDTH (m)	0.6																																									

DATUM  
570 m amsl



COLLECTOR DRAIN 1\_CH-0+000.00-0+784.10m

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV. No.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV. No.	DESCRIPTION	DATE																<p>CLIENT</p> <p><b>REPUBLIC OF KENYA</b></p> <p>MINISTRY OF AGRICULTURE LIVESTOCK AND FISHERIES</p> <p><b>STATE DEPARTMENT OF AGRICULTURE</b></p>	<p>FINANCIER:</p> <p>AFRICAN DEVELOPMENT BANK GROUP GROUPE DE LA BANQUE AFRICAINE DE DEVELOPEMENT</p> <p>Immeuble CCIA - Avenue Jean-Paul II - 01 B.P. 1387 Abidjan 01, Côte d'Ivoire Phone: (225) 20 26 36 56 • Fax: (225) 20 21 31 00</p>	<p>CONSULTANT:</p> <p><b>OCRA COMPANY LIMITED</b></p> <p>Engineers, Environmental Management and Development Consultants</p>	<p>PROJECT</p> <p><b>KONOO IRRIGATION DEVELOPMENT PROJECT</b> (TURKANA COUNTY)</p>	<p>TITLE OF DRAWING:</p> <p>COLLECTOR DRAIN 1 CANAL PROFILE</p> <p>DWG. No. KIDP/TD/PR/310      Sheet No. 1/1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Designed: W.M</td> <td>Date: AUGUST 2017</td> </tr> <tr> <td>Drawn: W.M</td> <td>Date: AUGUST 2017</td> </tr> <tr> <td>Checked: P.MUTHIGANI</td> <td>Date: AUGUST 2017</td> </tr> <tr> <td>Approved: B.MAINA</td> <td>Date: AUGUST 2017</td> </tr> </table>	Designed: W.M	Date: AUGUST 2017	Drawn: W.M	Date: AUGUST 2017	Checked: P.MUTHIGANI	Date: AUGUST 2017	Approved: B.MAINA	Date: AUGUST 2017
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