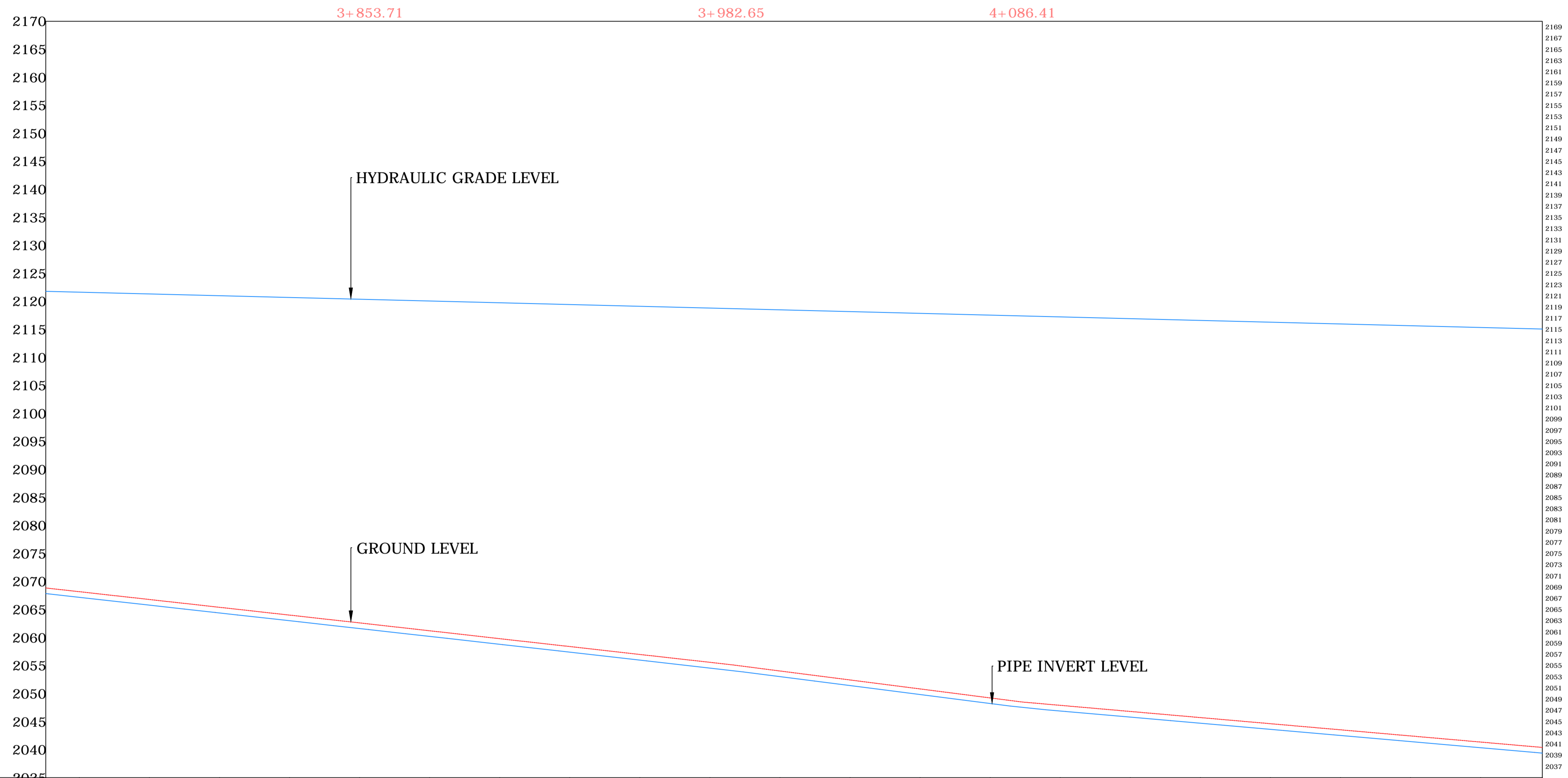
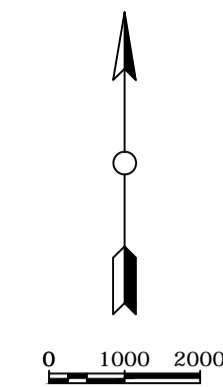


KIHU MWIRI SUB- BRANCH PROFILE



CHAINAGE	ELEVATION (m)
3+738	2068.85
3+750	2068.18
3+760	2067.18
3+770	2067.18
3+780	2067.18
3+790	2067.18
3+800	2066.79
3+810	2066.79
3+820	2066.79
3+830	2066.79
3+840	2066.79
3+850	2066.40
3+860	2065.40
3+870	2065.40
3+880	2065.40
3+890	2065.40
3+900	2065.01
3+910	2064.01
3+920	2064.01
3+930	2064.01
3+940	2064.01
3+950	2063.62
3+960	2062.62
3+970	2062.62
3+980	2062.62
3+990	2062.62
4+000	2061.21
4+010	2061.21
4+020	2061.21
4+030	2061.21
4+040	2061.21
4+050	2060.80
4+060	2059.80
4+070	2059.80
4+080	2059.80
4+090	2059.80
4+100	2059.39
4+110	2058.39
4+120	2058.39
4+130	2058.39
4+140	2058.39
4+150	2057.99
4+160	2056.99
4+170	2056.99
4+180	2056.99
4+190	2056.99
4+200	2056.58
4+210	2055.58
4+220	2055.58
4+230	2055.58
4+240	2055.58
4+250	2055.03
4+260	2054.03
4+270	2054.03
4+272	2054.03

ORIGINAL GROUND LEVEL	ELEVATION (m)
3+738	2068.85
3+750	2068.18
3+760	2067.18
3+770	2067.18
3+780	2067.18
3+790	2067.18
3+800	2066.79
3+810	2066.79
3+820	2066.79
3+830	2066.79
3+840	2066.79
3+850	2066.40
3+860	2065.40
3+870	2065.40
3+880	2065.40
3+890	2065.40
3+900	2065.01
3+910	2064.01
3+920	2064.01
3+930	2064.01
3+940	2064.01
3+950	2063.62
3+960	2062.62
3+970	2062.62
3+980	2062.62
3+990	2062.62
4+000	2061.21
4+010	2061.21
4+020	2061.21
4+030	2061.21
4+040	2061.21
4+050	2060.80
4+060	2059.80
4+070	2059.80
4+080	2059.80
4+090	2059.80
4+100	2059.39
4+110	2058.39
4+120	2058.39
4+130	2058.39
4+140	2058.39
4+150	2057.99
4+160	2056.99
4+170	2056.99
4+180	2056.99
4+190	2056.99
4+200	2056.58
4+210	2055.58
4+220	2055.58
4+230	2055.58
4+240	2055.58
4+250	2055.03
4+260	2054.03
4+270	2054.03
4+272	2054.03

PIPE INVERT LEVEL	ELEVATION (m)
3+738	2067.85
3+750	2067.18
3+760	2067.18
3+770	2067.18
3+780	2067.18
3+790	2067.18
3+800	2066.79
3+810	2066.79
3+820	2066.79
3+830	2066.79
3+840	2066.79
3+850	2066.40
3+860	2065.40
3+870	2065.40
3+880	2065.40
3+890	2065.40
3+900	2065.01
3+910	2064.01
3+920	2064.01
3+930	2064.01
3+940	2064.01
3+950	2063.62
3+960	2062.62
3+970	2062.62
3+980	2062.62
3+990	2062.62
4+000	2061.21
4+010	2061.21
4+020	2061.21
4+030	2061.21
4+040	2061.21
4+050	2060.80
4+060	2059.80
4+070	2059.80
4+080	2059.80
4+090	2059.80
4+100	2059.39
4+110	2058.39
4+120	2058.39
4+130	2058.39
4+140	2058.39
4+150	2057.99
4+160	2056.99
4+170	2056.99
4+180	2056.99
4+190	2056.99
4+200	2056.58
4+210	2055.58
4+220	2055.58
4+230	2055.58
4+240	2055.58
4+250	2055.03
4+260	2054.03
4+270	2054.03
4+272	2054.03

HYDRAULIC GRADE LEVEL	ELEVATION (m)
3+738	2121.79
3+750	2121.64
3+760	2121.64
3+770	2121.64
3+780	2121.64
3+790	2121.64
3+800	2121.33
3+810	2121.33
3+820	2121.33
3+830	2121.33
3+840	2121.33
3+850	2121.01
3+860	2120.70
3+870	2120.70
3+880	2120.70
3+890	2120.70
3+900	2120.70
3+910	2120.38
3+920	2120.38
3+930	2120.38
3+940	2120.38
3+950	2120.38
3+960	2120.07
3+970	2120.07
3+980	2120.07
3+990	2120.07
4+000	2119.75
4+010	2119.75
4+020	2119.75
4+030	2119.75
4+040	2119.75
4+050	2119.44
4+060	2119.44
4+070	2119.44
4+080	2119.44
4+090	2119.44
4+100	2119.12
4+110	2119.12
4+120	2119.12
4+130	2119.12
4+140	2119.12
4+150	2118.81
4+160	2118.81
4+170	2118.81
4+180	2118.81
4+190	2118.81
4+200	2118.49
4+210	2118.49
4+220	2118.49
4+230	2118.49
4+240	2118.49
4+250	2118.18
4+260	2118.18
4+270	2118.18
4+272	2118.18

FLOW PARAMETERS	VALUE
Flow Rate	0.00152M ³ /S

PIPE INFO	SPECIFICATION
3+738 to 3+982.65	UPVC PN 16 50MM
3+982.65 to 4+272	UPVC PN 16 32MM

SURVEY REMARKS	TEXT

General Notes

No.	Revision/Issue	Date

Firm Name and Address
 MINISTRY OF AGRICULTURE,
 LIVESTOCK, FISHERIES & IRRIGATION
 NATIONAL IRRIGATION BOARD
 SURVEYED BY : VIRGINIA.W.
 DRAWN BY : VIRGINIA.W.
 DESIGNED BY : MR J.W.MUCHINA.
 CHECKED BY : C.M.M.

Project Name and Address
 NYAMUGUNA IRRIGATION
 PROJECT
 LAIKIPIA COUNTY
 LAIKIPIA EAST SUB-COUNTY

Project KIHU MWIRI BRANCH	Sheet
Date FEB.2019	8
Scale 1:1000	