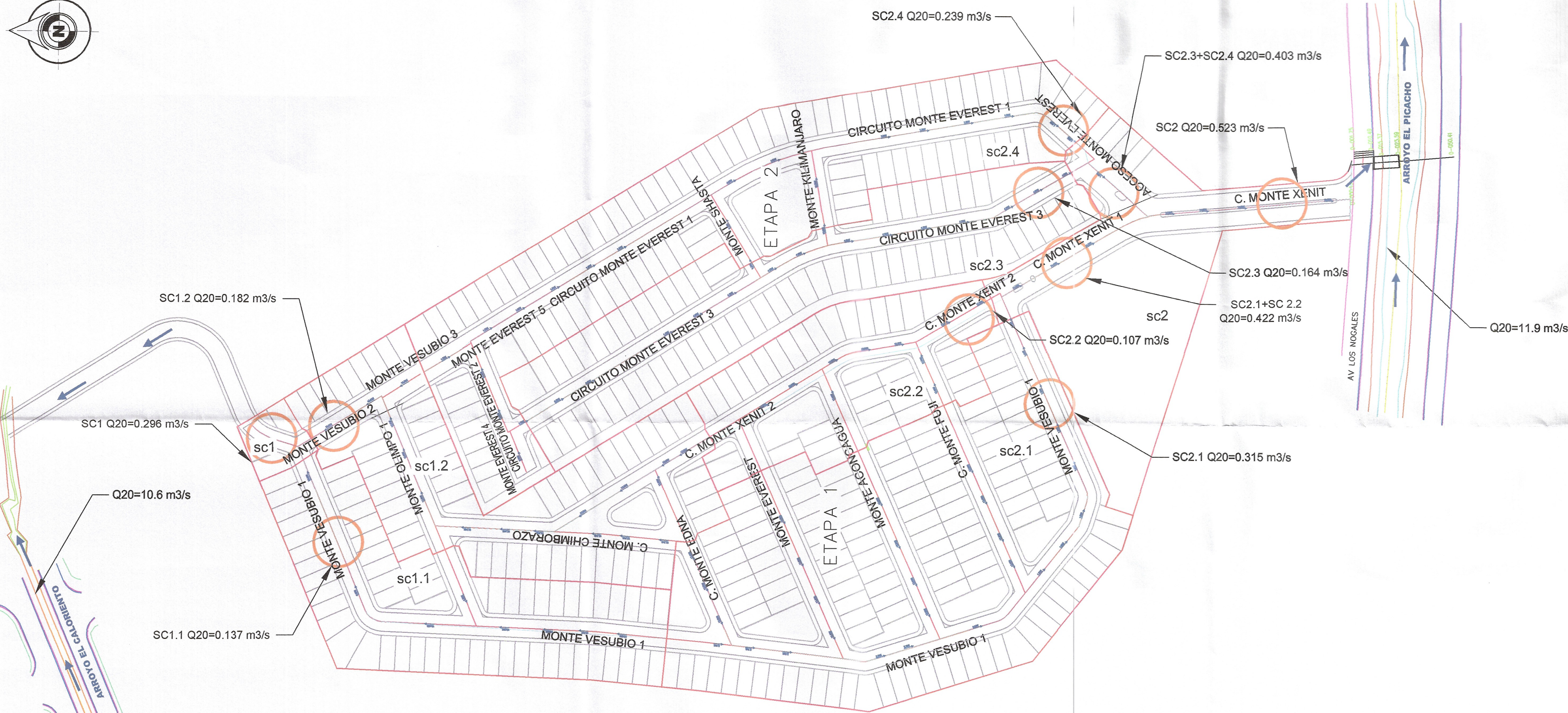
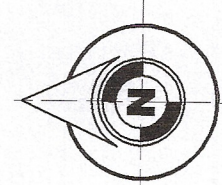
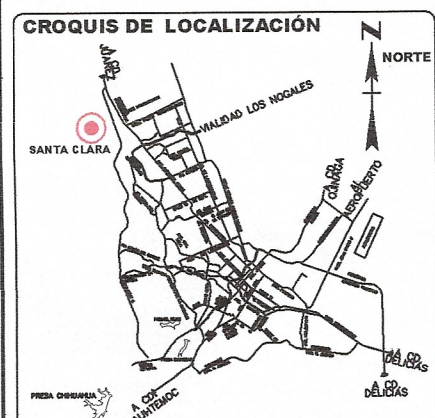
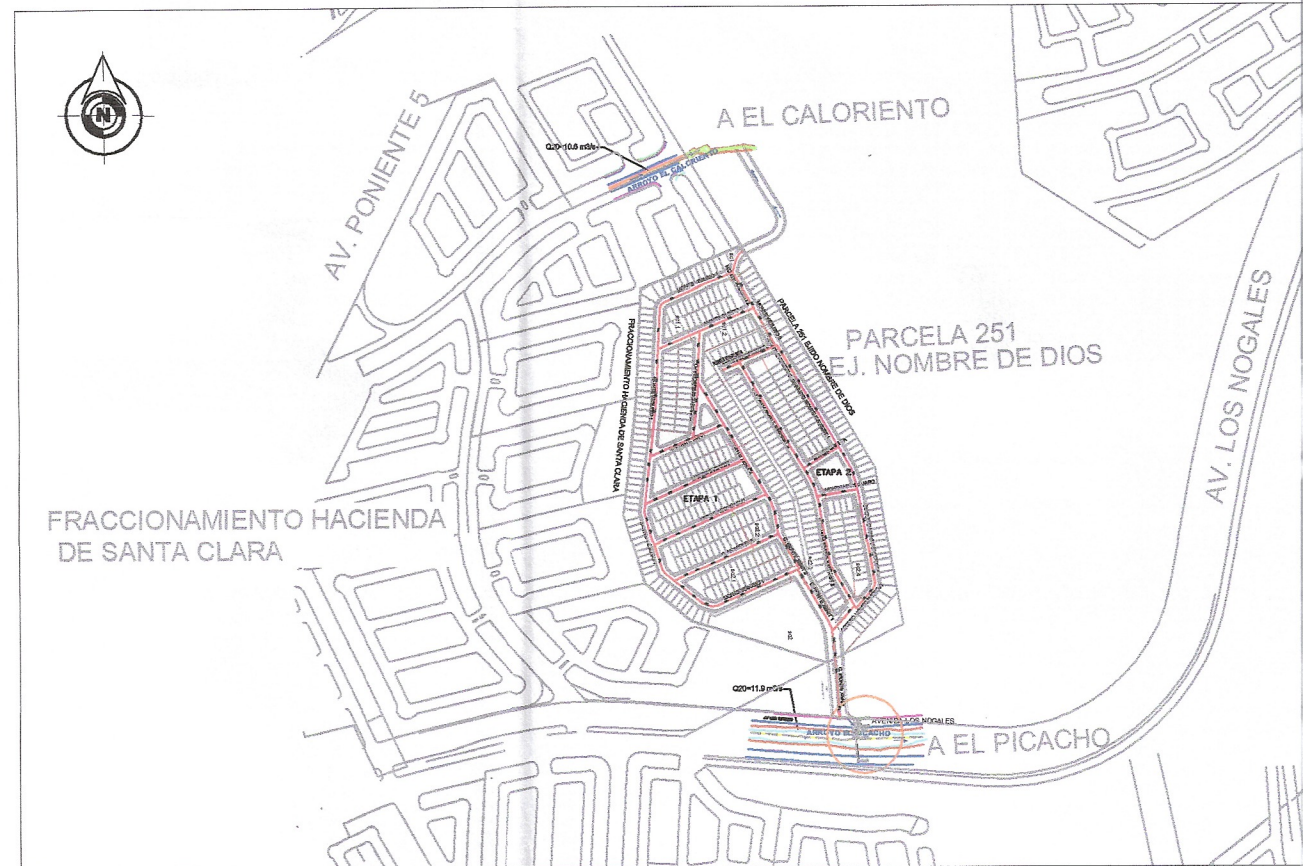




LOCALIZACIÓN



PERITO RESPONSABLE

Refugio Guadarrama Corona

Profile Output Table - Standard Table 1

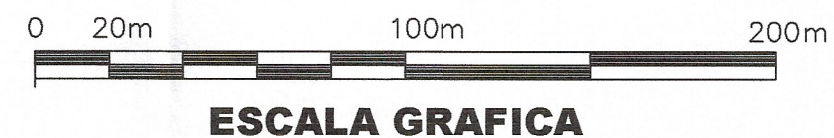
HEC-RAS Plan Plan 01 Profile PF 1													
River	Reach	River Sta	Profile	Q Total (m³/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m²)	Top Width (m)	Froude # Chl
MONTE VESUBIO 2	VALIADAD	40	PF1	0.14	1541.22	1541.35	1541.35	1541.37	0.008522	0.67	0.21	5.13	1.05
MONTE VESUBIO 2	VALIADAD	20	PF1	0.14	1539.22	1539.27	1539.27	1539.35	0.1128431	5.22	0.03	1.15	11.00
MONTE VESUBIO 2	VALIADAD	0	PF1	0.14	1537.22	1537.29	1537.29	1537.35	0.008828	2.09	0.07	1.01	3.51
MONTE VESUBIO 1	VALIADAD	540	PF1	0.18	1540.79	1540.93	1540.93	1540.95	0.007326	0.70	0.26	5.39	1.01
MONTE VESUBIO 1	VALIADAD	562.13	PF1	0.18	1539.22	1539.27	1539.27	1539.35	0.017757	4.96	0.04	1.35	9.63
MONTE VESUBIO 1	VALIADAD	582.26	PF1	0.18	1536.83	1536.94	1536.94	1537.02	0.023046	1.30	0.14	2.64	1.81
MONTE VESUBIO	ACCESO	-13.44	PF1	0.30	1534.82	1534.90	1534.89	1535.55	0.242862	3.55	0.08	2.04	5.62
MONTE VESUBIO	ACCESO	-20	PF1	0.30	1533.90	1533.98	1534.05	1534.38	0.120918	2.74	0.11	2.33	4.05
MONTE VESUBIO	ACCESO	-26.24	PF1	0.30	1533.03	1533.12	1533.18	1533.55	0.140559	2.91	0.10	2.25	4.38
MONTE VESUBIO	ACCESO	-38.28	PF1	0.30	1532.75	1532.84	1532.91	1533.27	0.139541	2.89	0.10	2.27	4.33

Profile Output Table - Standard Table 1

HEC-RAS Plan Plan 01 Profile PF 1													
River	Reach	River Sta	Profile	Q Total (m³/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m²)	Top Width (m)	Froude # Chl
MXENIT 2	SC2.2	40	PF1	0.11	1553.35	1553.41	1553.46	1553.66	0.130102	2.18	0.05	1.57	3.93
MXENIT 2	SC2.2	20	PF1	0.11	1550.74	1550.81	1550.85	1550.96	0.069126	1.72	0.06	1.76	2.92
MXENIT 2	SC2.2	5.11	PF1	0.11	1548.90	1548.96	1549.31	1549.12	0.141790	2.25	0.05	1.54	4.10
MXENIT	ENTRADA	132.15	PF1	0.42	1548.08	1548.18	1548.23	1548.43	0.075820	2.24	0.19	3.91	3.26
MXENIT	ENTRADA	178.39	PF1	0.42	1547.93	1548.04	1548.08	1548.20	0.039972	1.76	0.24	4.42	2.41
MXENIT	ENTRADA	160	PF1	0.42	1545.36	1545.42	1545.51	1546.77	0.035547	5.14	0.08	2.58	9.21
MXENIT	ENTRADA	140	PF1	0.42	1542.56	1542.66	1542.71	1542.92	0.079725	2.27	0.19	3.89	3.32
MXENIT	ENTRADA	120	PF1	0.42	1539.76	1539.84	1539.91	1540.41	0.221911	3.35	0.13	3.20	5.39
MXENIT	ENTRADA	111.91	PF1	0.42	1538.62	1538.71	1538.77	1539.07	0.118761	2.65	0.16	3.59	4.02
MXENIT	ENTRADA	100.22	PF1	0.42	1536.99	1537.08	1537.14	1537.50	0.150433	2.90	0.15	3.44	4.49
MXENIT	SAIDA1	97.11	PF1	0.52	1536.39	1536.53	1536.57	1536.69	0.038363	1.73	0.30	5.58	2.36
MXENIT	SAIDA1	80	PF1	0.52	1534.00	1534.10	1534.19	1535.15	0.138661	4.54	0.12	2.40	6.61
MXENIT	SAIDA1	60	PF1	0.52	1531.20	1531.33	1531.38	1531.82	0.100664	2.37	0.22	5.20	3.68
MXENIT	SAIDA1	45.41	PF1	0.52	1529.15	1529.27	1529.34	1529.77	0.118309	3.13	0.17	2.89	4.15
MXENIT	SAIDA1	40	PF1	0.52	1528.42	1528.53	1528.61	1529.08	0.134062	3.28	0.16	2.82	4.41
MXENIT	SAIDA1	30	PF1	0.52	1527.20	1527.32	1527.39	1527.81	0.117244	3.12	0.17	2.90	4.14
MXENIT	SAIDA1	20	PF1	0.52	1526.03	1526.15	1526.22	1526.64	0.116698	3.11	0.17	2.90	4.13
MXENIT	SAIDA1	15.41	PF1	0.52	1525.55	1525.67	1525.74	1526.12	0.104706	2.99	0.17	2.96	3.92
MXENIT	SAIDA1	0	PF1	0.52	1524.03	1524.16	1524.22	1524.45	0.106177	2.41	0.22	5.18	3.77
MYESUBIO 1	ARRIBA	60	PF1	0.32	1548.90	1548.95	1549.06	1549.09	0.009905	0.93	0.34	5.74	1.22
MYESUBIO 1	ARRIBA	40	PF1	0.32	1548.50	1548.63	1548.66	1548.74	0.039052	1.46	0.22	5.17	2.28
MYESUBIO 1	ARRIBA	20	PF1	0.32	1548.38	1548.54	1548.54	1548.57	0.008664	0.82	0.38	5.93	1.03
MYESUBIO 1	ARRIBA	8.04	PF1	0.32	1548.38	1548.54	1548.54	1548.57	0.008664	0.82	0.38	5.93	1.03
MEVEREST 1	ARRIBA	38.72	PF1	0.24	1538.89	1539.04	1539.04	1539.07	0.006992	0.74	0.32	5.67	0.99
MEVEREST 1	ARRIBA	30.23	PF1	0.24	1537.81	1537.88	1537.95	1538.79	0.448127	4.24	0.06	1.68	7.39
MEVEREST 1	ARRIBA	20	PF1	0.24	1537.71	1537.83	1537.85	1537.93	0.022772	1.39	0.17	2.93	1.83
MEVEREST 1	ARRIBA	6.21	PF1	0.24	1537.57	1537.72	1537.72	1537.75	0.006907	0.75	0.32	5.65	1.01
MEVEREST 3	ARRIBA	55.7	PF1	0.16	1540.00	1540.13	1540.13	1540.16	0.008104	0.70	0.24	5.27	1.05
MEVEREST 3	ARRIBA	40	PF1	0.16	1539.29	1539.36	1539.42	1539.77	0.196644	2.83	0.06	1.70	4.90
MEVEREST 3	ARRIBA	20	PF1	0.16	1538.39	1538.48	1538.52	1538.59	0.025239	1.31	0.12	2.50	1.87
MEVEREST 3	ARRIBA	13.37	PF1	0.16	1538.09	1538.18	1538.22	1538.33	0.052391	1.73	0.10	2.18	2.64
MEVEREST	ABAJO	37.1	PF1	0.40	1537.64	1537.78	1537.81	1537.81	0.006638	0.76	0.53	8.99	1.00
MEVEREST	ABAJO	20	PF1	0.40	1537.47	1537.60	1537.61	1537.65	0.014333	0.99	0.41	8.28	1.43
MEVEREST	ABAJO	9.5	PF1	0.40	1537.37	1537.51	1537.51	1537.54	0.007158	0.78	0.52	8.91	1.04

ANÁLISIS HIDRAULICO DEL ARROYO EL PICACHO PARA EL GASTO DE 11.9 M³/S CORRESPONDIENTE AL PERIODO DE RETORNO DE 500 AÑOS														
Reach	River Sta	Estacion	Q Total (m³/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Vel Chnl (m/s)	Flow Area (m²)	Top Width (m)	Froude # Chl	Max Chl Dpth (m)	Sta W.S. Lft (m)	Sta W.S. Rgt (m)
PICACHO	11	0+000	11.9	1523.82	1524.49	1524.52	1524.75	2.29	5.21	11.97	1.11	0.67	-6.87	5.30
PICACHO	30	0+000	11.9	1523.25	1523.91	1524	1524.28	2.67	4.45	10.40	1.31	0.65	-6.44	3.95
PICACHO	9	0+040	11.9	1522.72	1523.35	1523.27	1523.57	2.88	4.13	12.66	1.61	0.49	-5.98	6.67
PICACHO	8	0+060	11.9	1522.16	1522.74	1522.75	1522.97	2.14	5.57	13.13	1.05	0.58	-6.40	6.74
PICACHO	7	0+080	11.9	1521.55	1522.3	1522.34	1522.57	2.31	5.15	12.65	1.15	0.75	-5.60	7.99
PICACHO	6	0+100	11.9	1520.79	1521.5	1521.62	1521.87	2.69	4.42	18.67	1.76	0.71	-5.32	15.05
PICACHO	5	0+120	11.9	1520.45	1521.04	1521.06	1521.26	2.11	5.65	15.69	1.12	0.59	-5.36	16.05
PICACHO	4	0+140	11.9	1519.78	1520.41	1520.49	1520.69	2.36	5.04	18.32	1.44	0.63	-4.53	14.64
PICACHO	3	0+160	11.9	1519.24	1519.9	1519.92	1520.12	2.06	5.76	16.27	1.11	0.66	-4.57	11.40
PICACHO	2	0+180	11.9	1518.54	1519.15	1519.25	1519.52	2.71	4.40	13.91	1.54	0.60	-4.53	9.76
PICACHO	1	0+200	11.9	1518	1518.71	1518.72	1518.97	2.28	5.22	10.82	1.05	0.71	-5.36	5.46

NOTAS:
TOPOGRAFIA RESTITUIDA DEL CEN (3.0) DEL INEGI



REVISO:

PROYECTO:

FRACCIONAMIENTO
MONTE XENIT
DRENAJE PLUVIAL

PLANO:

HIDRAULICO

CLAVE: CHH-001-DREN-001 PLANO: HDRA-001

FECHA: FEBRERO 2019 ACOTACIONES: METROS

ESCALA: DIBUJO: REVISO: INDICADA PROYECTOS

CHIRIQUIA, DRI