



COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
P100	836.189	836.189	20
P101	836.189	836.189	20
P102	836.189	836.189	20
P103	836.189	836.189	20
P104	836.189	836.189	20
P105	836.189	836.189	20
P106	836.189	836.189	20
P107	836.189	836.189	20
P108	836.189	836.189	20
P109	836.189	836.189	20
P110	836.189	836.189	20

RAMALES			
LINEA N°	PI	PF	ESPECIFICACION
L231	P-070	P-071	Ø=3/4"
L232	P-071	P-072	Ø=3/4"
L233	P-072	P-073	Ø=3/4"
L234	P-073	P-074	Ø=3/4"
L235	P-074	P-075	Ø=3/4"
L236	P-075	P-076	Ø=3/4"
L237	P-076	P-077	Ø=3/4"
L238	P-077	P-078	Ø=3/4"
L239	P-078	P-079	Ø=3/4"
L240	P-079	P-080	Ø=3/4"
L241	P-080	P-081	Ø=3/4"
L242	P-081	P-082	Ø=3/4"
L243	P-082	P-083	Ø=3/4"
L244	P-083	P-084	Ø=3/4"
L245	P-084	P-085	Ø=3/4"
L246	P-085	P-086	Ø=3/4"
L247	P-086	P-087	Ø=3/4"
L248	P-087	P-088	Ø=3/4"
L249	P-088	P-089	Ø=3/4"
L250	P-089	P-090	Ø=3/4"
L251	P-090	P-091	Ø=3/4"
L252	P-091	P-092	Ø=3/4"
L253	P-092	P-093	Ø=3/4"
L254	P-093	P-094	Ø=3/4"
L255	P-094	P-095	Ø=3/4"
L256	P-095	P-096	Ø=3/4"
L257	P-096	P-097	Ø=3/4"
L258	P-097	P-098	Ø=3/4"
L259	P-098	P-099	Ø=3/4"
L260	P-099	P-100	Ø=3/4"
L261	P-100	P-101	Ø=3/4"

RED #2 (tramo 1)			
LINEA N°	PI	PF	ESPECIFICACION
L231	P-070	P-071	Ø=3/4"
L232	P-071	P-072	Ø=3/4"
L233	P-072	P-073	Ø=3/4"
L234	P-073	P-074	Ø=3/4"
L235	P-074	P-075	Ø=3/4"
L236	P-075	P-076	Ø=3/4"
L237	P-076	P-077	Ø=3/4"
L238	P-077	P-078	Ø=3/4"
L239	P-078	P-079	Ø=3/4"
L240	P-079	P-080	Ø=3/4"
L241	P-080	P-081	Ø=3/4"
L242	P-081	P-082	Ø=3/4"
L243	P-082	P-083	Ø=3/4"
L244	P-083	P-084	Ø=3/4"
L245	P-084	P-085	Ø=3/4"
L246	P-085	P-086	Ø=3/4"
L247	P-086	P-087	Ø=3/4"
L248	P-087	P-088	Ø=3/4"
L249	P-088	P-089	Ø=3/4"
L250	P-089	P-090	Ø=3/4"
L251	P-090	P-091	Ø=3/4"
L252	P-091	P-092	Ø=3/4"
L253	P-092	P-093	Ø=3/4"
L254	P-093	P-094	Ø=3/4"
L255	P-094	P-095	Ø=3/4"
L256	P-095	P-096	Ø=3/4"
L257	P-096	P-097	Ø=3/4"
L258	P-097	P-098	Ø=3/4"
L259	P-098	P-099	Ø=3/4"
L260	P-099	P-100	Ø=3/4"
L261	P-100	P-101	Ø=3/4"

COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
P175	836.189	836.189	20
P102	836.189	836.189	20
P103	836.189	836.189	20

RAMAL 19			
LINEA N°	PI	PF	ESPECIFICACION
L377	P-102	P-103	Ø=2"
L378	P-103	P-104	Ø=2"
L379	P-104	P-105	Ø=2"
L380	P-105	P-106	Ø=2"
L381	P-106	P-107	Ø=2"
L382	P-107	P-108	Ø=2"
L383	P-108	P-109	Ø=2"
L384	P-109	P-110	Ø=2"
L385	P-110	P-111	Ø=2"
L386	P-111	P-112	Ø=2"
L387	P-112	P-113	Ø=2"
L388	P-113	P-114	Ø=2"
L389	P-114	P-115	Ø=2"
L390	P-115	P-116	Ø=2"
L391	P-116	P-117	Ø=2"
L392	P-117	P-118	Ø=2"
L393	P-118	P-119	Ø=2"
L394	P-119	P-120	Ø=2"
L395	P-120	P-121	Ø=2"
L396	P-121	P-122	Ø=2"
L397	P-122	P-123	Ø=2"
L398	P-123	P-124	Ø=2"
L399	P-124	P-125	Ø=2"
L400	P-125	P-126	Ø=2"
L401	P-126	P-127	Ø=2"
L402	P-127	P-128	Ø=2"
L403	P-128	P-129	Ø=2"
L404	P-129	P-130	Ø=2"
L405	P-130	P-131	Ø=2"
L406	P-131	P-132	Ø=2"
L407	P-132	P-133	Ø=2"
L408	P-133	P-134	Ø=2"
L409	P-134	P-135	Ø=2"
L410	P-135	P-136	Ø=2"
L411	P-136	P-137	Ø=2"
L412	P-137	P-138	Ø=2"
L413	P-138	P-139	Ø=2"
L414	P-139	P-140	Ø=2"
L415	P-140	P-141	Ø=2"
L416	P-141	P-142	Ø=2"
L417	P-142	P-143	Ø=2"
L418	P-143	P-144	Ø=2"
L419	P-144	P-145	Ø=2"
L420	P-145	P-146	Ø=2"
L421	P-146	P-147	Ø=2"
L422	P-147	P-148	Ø=2"
L423	P-148	P-149	Ø=2"
L424	P-149	P-150	Ø=2"
L425	P-150	P-151	Ø=2"
L426	P-151	P-152	Ø=2"
L427	P-152	P-153	Ø=2"
L428	P-153	P-154	Ø=2"

COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
P192	836.189	836.189	20
P193	836.189	836.189	20
P194	836.189	836.189	20
P195	836.189	836.189	20
P196	836.189	836.189	20
P197	836.189	836.189	20
P198	836.189	836.189	20
P199	836.189	836.189	20
P200	836.189	836.189	20
P201	836.189	836.189	20

RAMAL 20			
LINEA N°	PI	PF	ESPECIFICACION
L379	P-102	P-103	Ø=3/4"
L380	P-103	P-104	Ø=3/4"
L381	P-104	P-105	Ø=3/4"
L382	P-105	P-106	Ø=3/4"
L383	P-106	P-107	Ø=3/4"
L384	P-107	P-108	Ø=3/4"
L385	P-108	P-109	Ø=3/4"
L386	P-109	P-110	Ø=3/4"
L387	P-110	P-111	Ø=3/4"
L388	P-111	P-112	Ø=3/4"
L389	P-112	P-113	Ø=3/4"
L390	P-113	P-114	Ø=3/4"
L391	P-114	P-115	Ø=3/4"
L392	P-115	P-116	Ø=3/4"
L393	P-116	P-117	Ø=3/4"
L394	P-117	P-118	Ø=3/4"
L395	P-118	P-119	Ø=3/4"
L396	P-119	P-120	Ø=3/4"
L397	P-120	P-121	Ø=3/4"
L398	P-121	P-122	Ø=3/4"
L399	P-122	P-123	Ø=3/4"
L400	P-123	P-124	Ø=3/4"
L401	P-124	P-125	Ø=3/4"
L402	P-125	P-126	Ø=3/4"
L403	P-126	P-127	Ø=3/4"
L404	P-127	P-128	Ø=3/4"
L405	P-128	P-129	Ø=3/4"
L406	P-129	P-130	Ø=3/4"
L407	P-130	P-131	Ø=3/4"
L408	P-131	P-132	Ø=3/4"
L409	P-132	P-133	Ø=3/4"
L410	P-133	P-134	Ø=3/4"
L411	P-134	P-135	Ø=3/4"
L412	P-135	P-136	Ø=3/4"
L413	P-136	P-137	Ø=3/4"
L414	P-137	P-138	Ø=3/4"
L415	P-138	P-139	Ø=3/4"
L416	P-139	P-140	Ø=3/4"
L417	P-140	P-141	Ø=3/4"
L418	P-141	P-142	Ø=3/4"
L419	P-142	P-143	Ø=3/4"
L420	P-143	P-144	Ø=3/4"
L421	P-144	P-145	Ø=3/4"
L422	P-145	P-146	Ø=3/4"
L423	P-146	P-147	Ø=3/4"
L424	P-147	P-148	Ø=3/4"
L425	P-148	P-149	Ø=3/4"
L426	P-149	P-150	Ø=3/4"
L427	P-150	P-151	Ø=3/4"
L428	P-151	P-152	Ø=3/4"
L429	P-152	P-153	Ø=3/4"
L430	P-153	P-154	Ø=3/4"

COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
P100	836.189	836.189	20
P101	836.189	836.189	20
P102	836.189	836.189	20
P103	836.189	836.189	20
P104	836.189	836.189	20
P105	836.189	836.189	20
P106	836.189	836.189	20
P107	836.189	836.189	20
P108	836.189	836.189	20
P109	836.189	836.189	20
P110	836.189	836.189	20
P111	836.189	836.189	20
P112	836.189	836.189	20
P113	836.189	836.189	20
P114	836.189	836.189	20
P115	836.189	836.189	20
P116	836.189	836.189	20
P117	836.189	836.189	20
P118	836.189	836.189	20
P119	836.189	836.189	20
P120	836.189	836.189	20
P121	836.189	836.189	20
P122	836.189	836.189	20
P123	836.189	836.189	20
P124	836.189	836.189	20
P125	836.189	836.189	20
P126	836.189	836.189	20
P127	836.189	836.189	20
P128	836.189	836.189	20
P129	836.189	836.189	20
P130	836.189	836.189	20
P131	836.189	836.189	20
P132	836.189	836.189	20
P133	836.189	836.189	20
P134	836.189	836.189	20
P135	836.189	836.189	20
P136	836.189	836.189	20
P137	836.189	836.189	20
P138	836.189	836.189	20
P139	836.189	836.189	20
P140	836.189	836.189	20
P141	836.189	836.189	20
P142	836.189	836.189	20
P143	836.189	836.189	20
P144	836.189	836.189	20
P145	836.189	836.189	20
P146	836.189	836.189	20
P147	836.189	836.189	20
P148	836.189	836.189	20
P149	836.189	836.189	20
P150	836.189	836.189	20
P151	836.189	836.189	20
P152	836.189	836.189	20
P153	836.189	836.189	20
P154	836.189	836.189	20

COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
P100	836.189	836.189	20
P101	836.189	836.189	20
P102	836.189	836.189	20
P103	836.189	836.189	20
P104	836.189	836.189	20
P105	836.189	836.189	20
P106	836.189	836.189	20
P107	836.189	836.189	20
P108	836.189	836.189	20
P109	836.189	836.189	20
P110	836.189	836.189	20
P111	836.189	836.189	20
P112	836.189	836.189	20
P113	836.189	836.189	20
P114	836.189	836.189	20
P115	836.189	836.189	20
P116	836.189	836.189	20
P117	836.189	836.189	20
P118	836.189	836.189	20
P119	836.189	836.189	20
P120	836.189	836.189	20
P121	836.189	836.189	20
P122	836.189	836.189	20
P123	836.189	836.189	20
P124	836.189	836.189	20