EJE 1 – SECCIONES TRANSVERSALES
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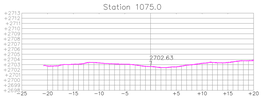
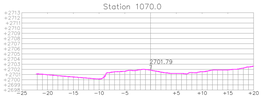
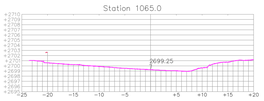
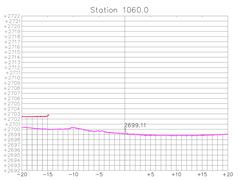
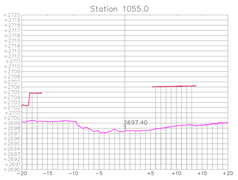
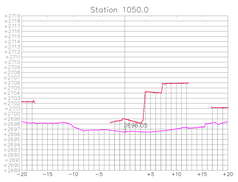


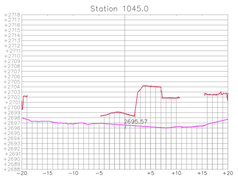


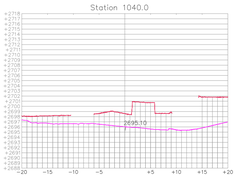


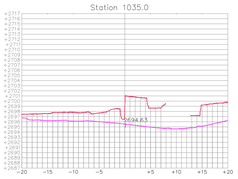


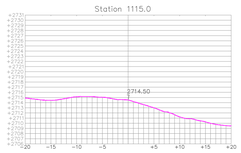


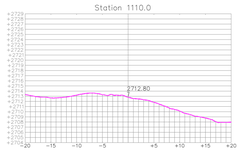


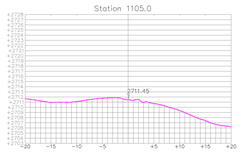


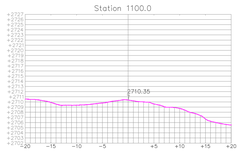


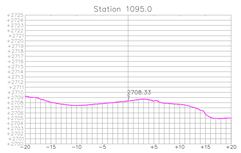


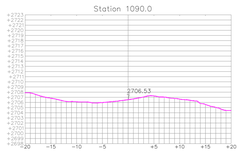


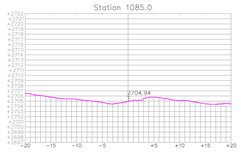


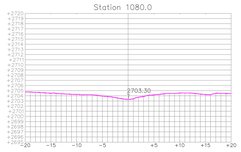


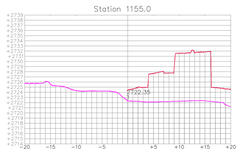


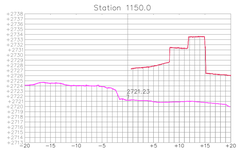


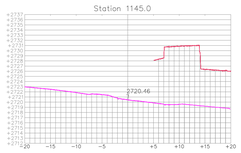


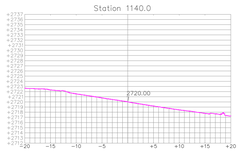


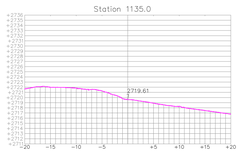


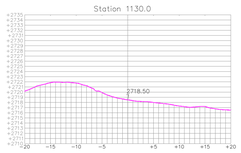


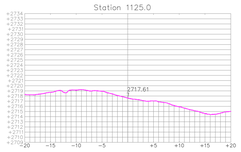


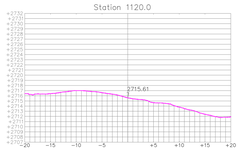


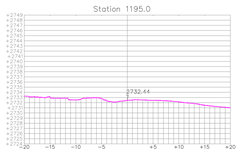


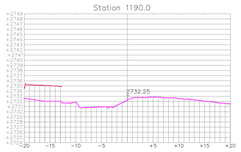


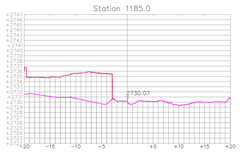


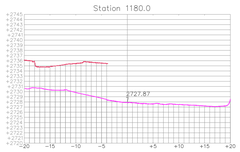


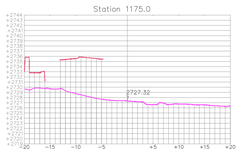


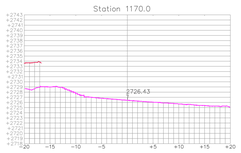


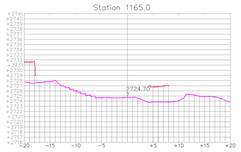


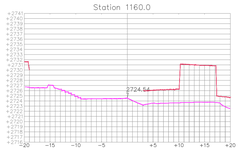


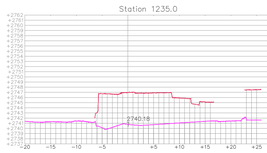


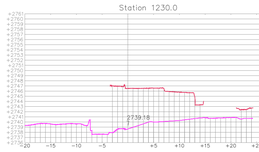


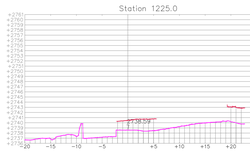


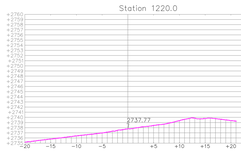


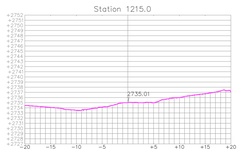


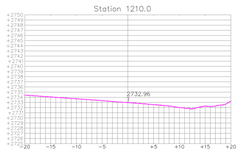


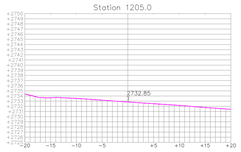


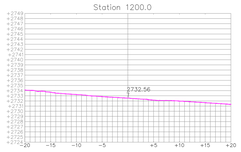


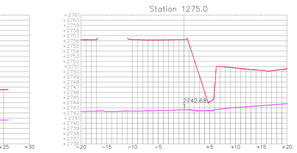


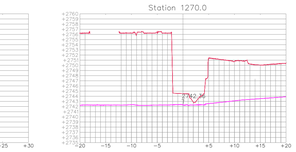


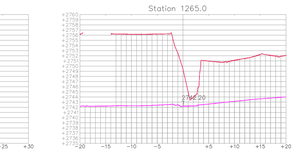


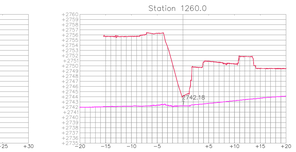


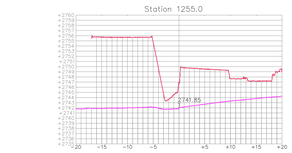


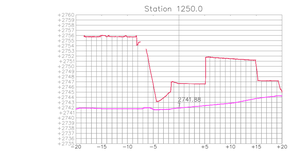


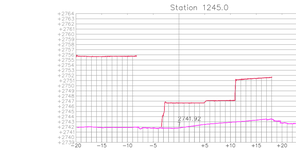


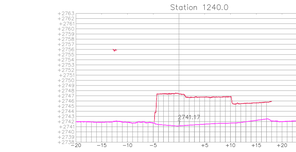


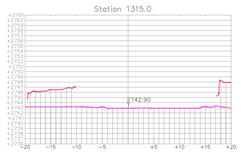


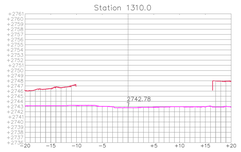


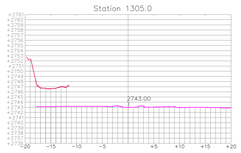


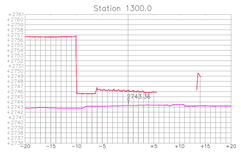


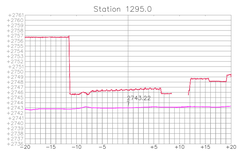


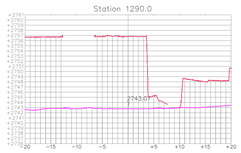


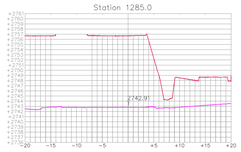


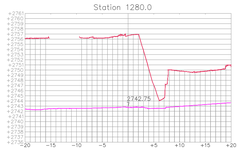




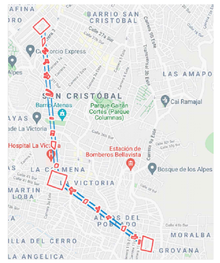




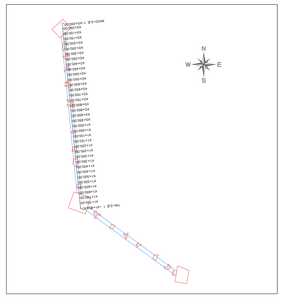




LOCALIZACIÓN GENERAL



ESQUEMA DISTRIBUCIÓN DE PLANOS



CONVENCIONES

TERRENO — EDIFICACIÓN

INFORMACIÓN CARTOGRÁFICA

El levantamiento topográfico se encuentra georeferenciado dentro del Marco Geodésico Nacional de Referencia (MAGNA-SIRGAS), adoptado en abril de 2005 por el Instituto Geográfico Agustín Codazzi, como datum oficial de Colombia.

AMARRE IGAC

La georreferenciación del proyecto se realizó mediante el sistema global de navegación satelital (GNSS) y ajuste por nivelación geométrica, tomando como bases para el amarre horizonal las estaciones permanentes **BOGA y BOTG**, mientras que para el vertical se usó el vértice **4-BGT** de la red MAGNA - SIRGAS, materializado por el Instituto Geográfico "AGUSTÍN CODAZZI (IGAC); sus coordenadas se describen a continuación:

NOMBRE	COORDENADAS GEOGRÁFICAS WGS84 ÉPOCA IGAC 2018.0			COORDENADAS MAGNA SIRGAS CARTESIANAS BOGOTÁ 2011		ALTURA ORTOMÉTRICA EGM2008	ALTURA GEOMÉTRICA NIVEL DE PRECISIÓN
	LATITUD WGS84 dd°mm'ss.s"	LONGITUD WGS84 dd°mm'ss.s"	ALTURA ELIPSOIDAL WGS84	NORTE (m)	ESTE (m)	ELEVACIÓN (m.s.n.m)	ELEVACIÓN (m.s.n.m)
BOGA	4°38'13.25771"N	74°4'47.81869"W	2609.779	104696.764	99732.255	2583.558	N/A
BOGI	4°38'24.26638"N	74°4'53.38286"W	2536.202	104850.742	99622.583	2506.027	N/A
4-BGT	N/A	N/A	N/A	N/A	N/A	N/A	2525.783

INFORMACIÓN DE REFERENCIA

COORDENADAS PLANAS CARTESIANAS
MAGNA SIRGAS - BOGOTA-2011

Sistema de Referencia	MAGNA - SIRGAS
Elipsoide	GRS80 = WGS84
Proyección	Transversal Mercator
Coordenadas Geográficas	4° 40' 49.750" N 74° 08' 47.730" W
Falso Norte	109320.965 m
Falso Este	92334.879 m
Factor de Escala	1.00039980
Plano de Proyección	2550 m.s.n.m.

ESCALA GRÁFICA

Un centímetro en el plano equivale a 5 metros en terreno

0 10 20 30 40 50 m.

ESCALA 1:500

INSTITUTO DE DESARROLLO URBANO
Alcaldía Mayor
Bogotá D.C.

CONSULTOR:
CONSORCIO CS
CONTRATO N° 1630 de 2020

DIRECTOR DE PROYECTO:
Mario Ernesto Vacca Gamez — Firmado digitalmente por Mario Ernesto Vacca Gamez Fecha: 2021.12.06 23:30:18 -05'00'
ING.MARIO ERNESTO VACCA GAMEZ
Mat.: 01193–0224

RESPONSABLE TOPOGRAFIA:
AMALIA NATHALY OTALORA VILLADA — Firmado digitalmente por AMALIA NATHALY OTALORA VILLADA. Fecha: 2022.02.03 14:40:53 -05'00'
ING. AMALIA NATHALY OTALORA VILLADA
Mat.:25335–343422–CND

INTERVENTORIA
CONSORCIO ARDANUY–IVICSA
CONTRATO N° 1673 de 2020

DIRECTOR DE INTERVENTORIA:
OSCAR ANDRES RICO GOMEZ — Firmado digitalmente por OSCAR ANDRES RICO GOMEZ. Fecha: 2021.12.06 16:11:42 -05'00'
OSCAR ANDRES RICO GOMEZ
Mat.:25202–129453–CND

RESPONSABLE TOPOGRAFIA:
HENRY NESTOR FERNANDEZ GUERRERO — Firmado digitalmente por HENRY NESTOR FERNANDEZ GUERRERO. Fecha: 2021.12.06 16:08:42 -05'00'
HENRY NESTOR FERNÁNDEZ GUERRERO
Mat.: 01–11001

SUPERVISOR IDU:
MARÍA CONSTANZA GARCÍA ALICASTRO
DIRECCIÓN TÉCNICA DE PROYECTOS

	M O D I F I C A C I O N E S	FECHA:
I	Emisión original	septiembre 01 de 2021
II	Atención observaciones interventoría	octubre 05 de 2021
III	Atención a observaciones IDU memorando 20212251714401	noviembre 12 de 2021
IV		
V		
VI		
VII		
VIII		

PROYECTO:
"ACTUALIZACIÓN, AJUSTES Y COMPLEMENTACIÓN DE LA FACTIBILIDAD Y LOS ESTUDIOS Y DISEÑOS DEL CABLE AÉREO EN SAN CRISTÓBAL, EN BOGOTÁ D.C."

CONTIENE:
PLANO TOPOGRÁFICO (SECCIONES TRANSVERSALES)
ESTUDIOS Y DISEÑOS
EJE 1: K1+035.00 – K1+315.00

LOCALIDAD: SAN CRISTÓBAL
ESCALA: 1:500

DISEÑO

REFERENCIA: BASE–IDU–1630–2020
ARCHIVO CAD: DIETST
ARCHIVO LAYOUT: DIETST07
FECHA TERMINACION OBRA: ENERO DE 2022
FECHA ELABORACION PLANO: AGOSTO DE 2021

PLANCHA No. DIETST 07 DE 19
CONSECUTIVO: