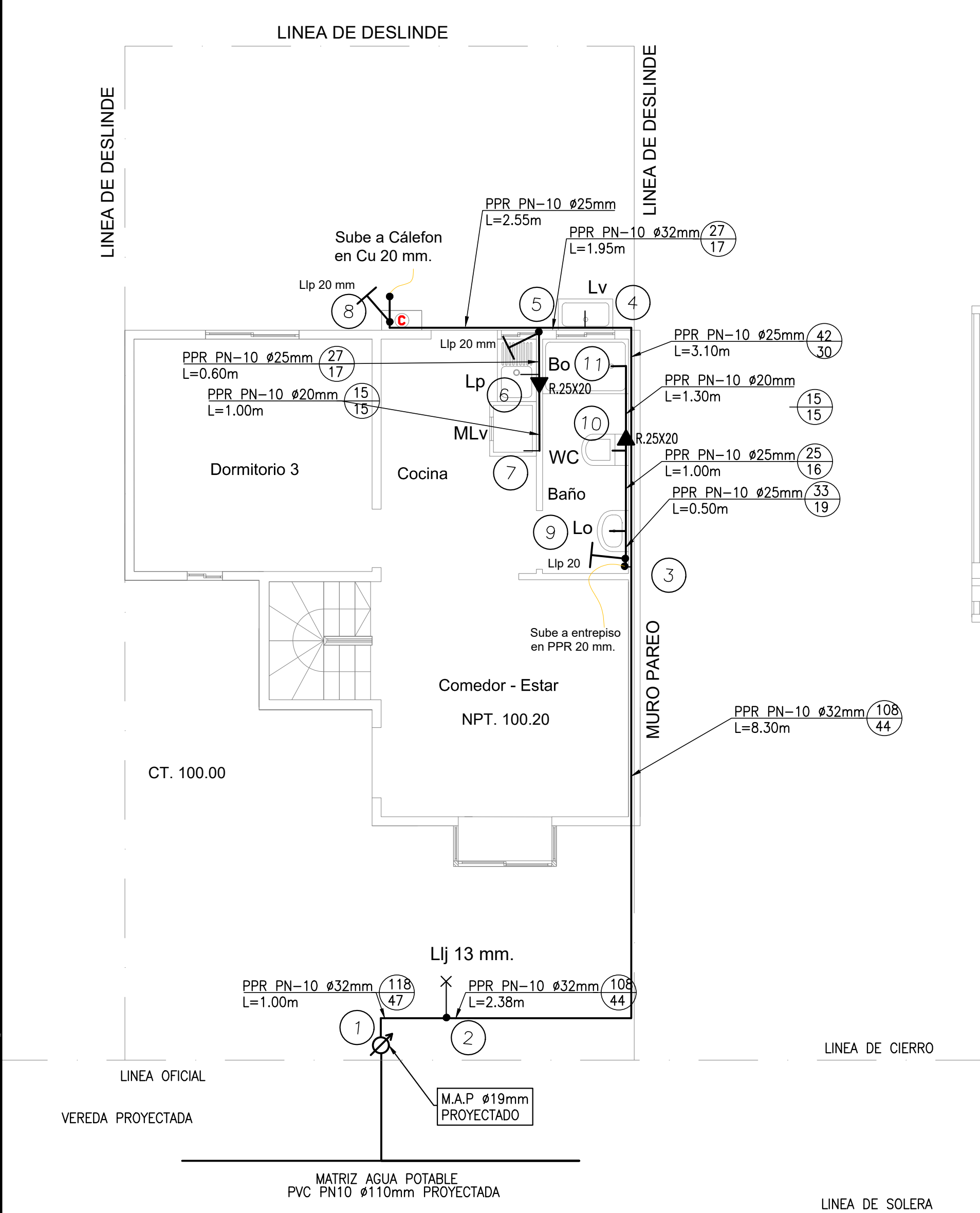
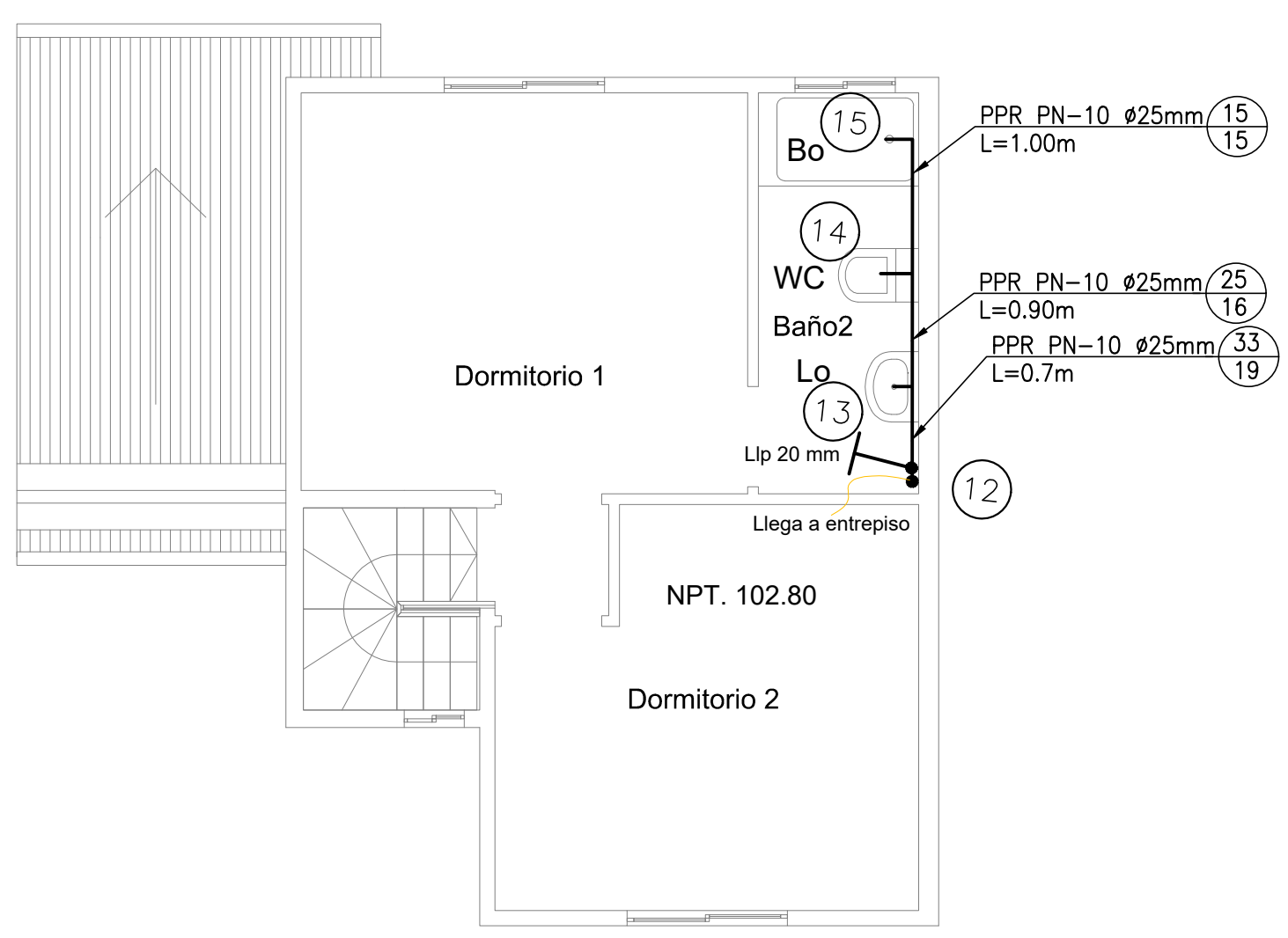


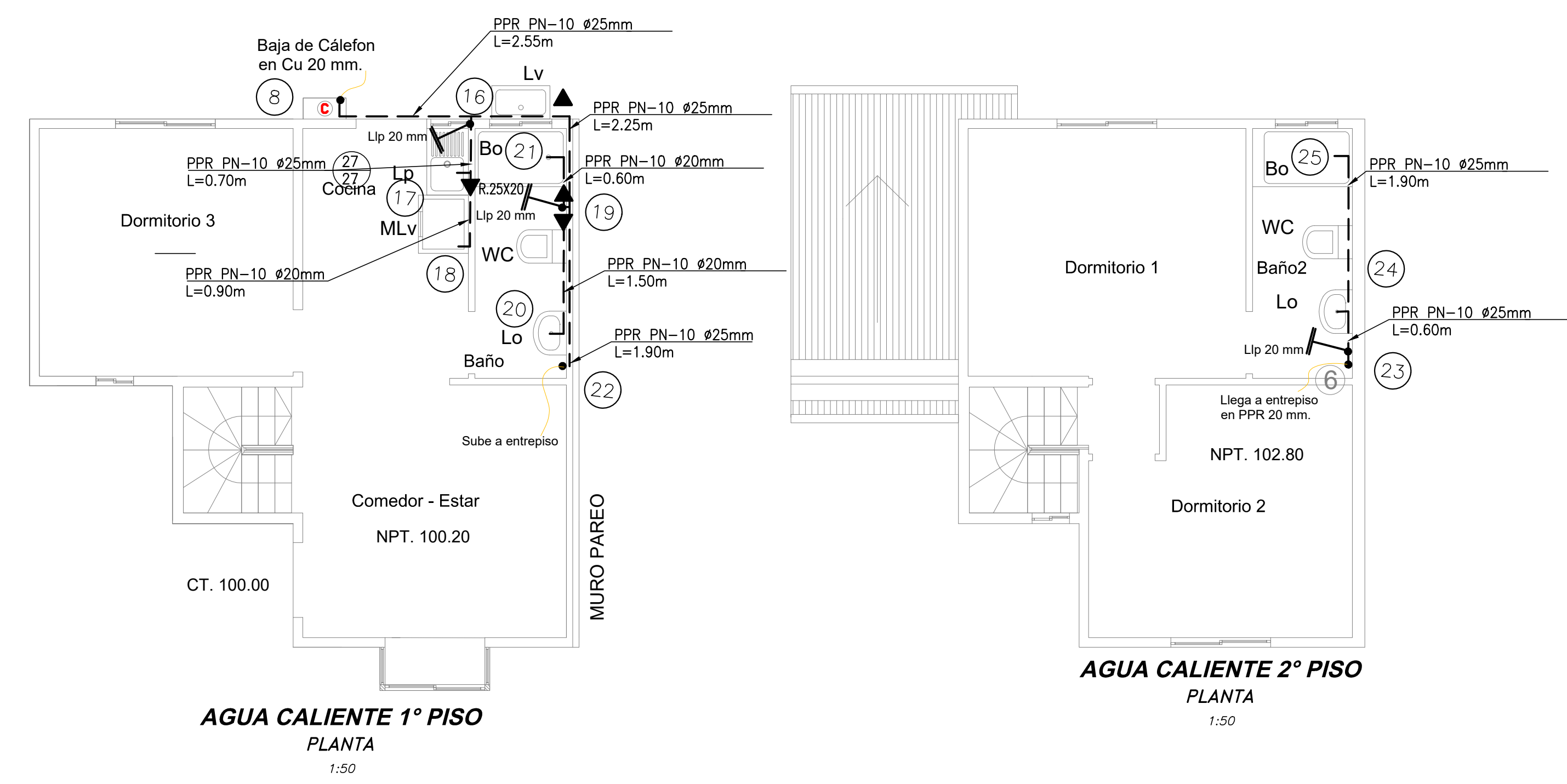


AGUA FRIA 1° PISO
PLANTA
1:50



AGUA FRIA 2° PISO
PLANTA
1:50

DIMENSIONAMIENTO DEL AGUA POTABLE FINAL (Departamento C)												
TRAMO NÚMERO	LONG. REAL [m]	LONG. EQ. [m]	DN [mm]	Q.M.P. [l/min]	Q.M.P. Agua Caliente [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]
1	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
2	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
3	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
4	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
5	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
6	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
7	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
8	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
9	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
10	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
11	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
12	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
13	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
14	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00

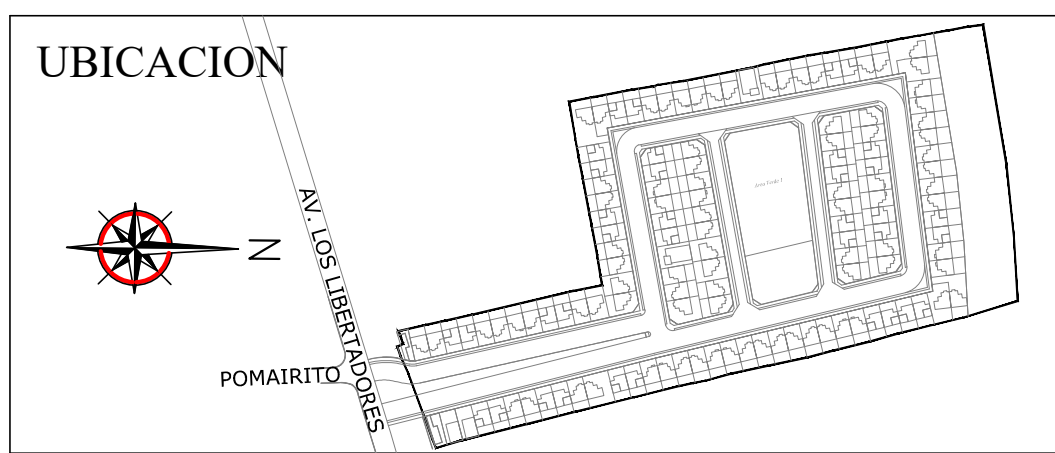


AGUA CALIENTE 1° PISO
PLANTA
1:50

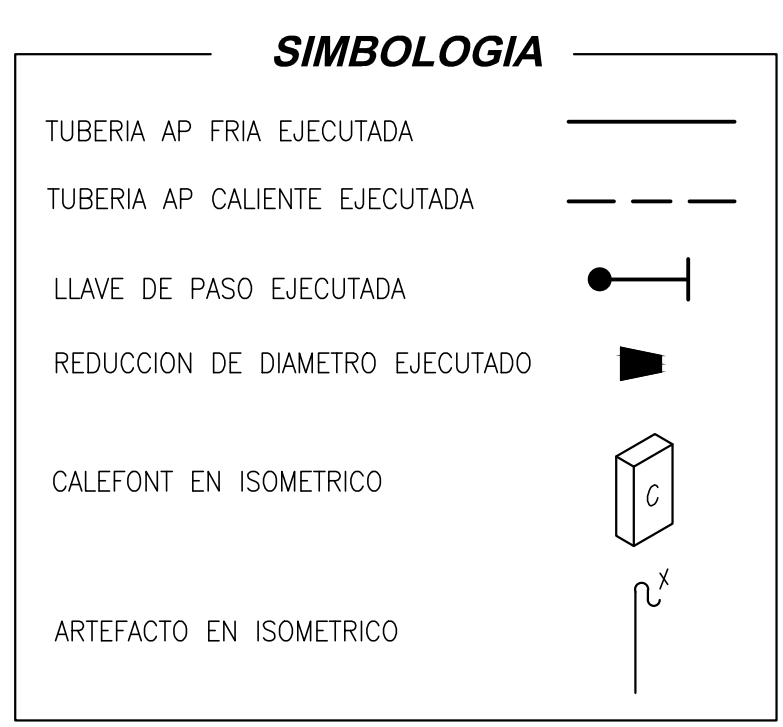
DIMENSIONAMIENTO DEL AGUA CALIENTE (Departamento C)												
TRAMO NÚMERO	LONG. REAL [m]	LONG. EQ. [m]	DN [mm]	Q.M.P. [l/min]	Q.M.P. Agua Caliente [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]	Q.M.P. TOTAL [l/min]
1	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
2	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
3	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
4	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
5	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
6	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
7	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
8	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
9	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
10	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
11	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
12	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
13	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
14	1.00	1.00	32	20.00	10.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00

PROYECTO PUBLICO AP N°18.378-A
DESTINO : HABITACIONAL - VIVIENDA TIPO C

PROYECTO :	DEFINITIVO	LAMINA
N°	Fecha	N° 3 DE 6
AVISO DE INICIO N°	NNSS 1-5FOA3ED	FECHA 27.02.2024
CERTIFICADO DE FACTIBILIDAD N°	000804	FECHA 27.01.2022
CALLE O PASAJE	AVENIDA LOS LIBERTADORES	
NUMERO MUNICIPAL	1.111	
LOTEO O POBLACIÓN	AIRES DEL MONTE	
NUMERO ROL SII	256-7	
COMUNA	EL MONTE	



FIRMAS	
PROYECTISTA	PROPIETARIO
Nombre : JUAN CARLOS DIAZ AGUIRRE Profesion : INGENIERO CIVIL RUT : 4.107.962-2 Domicilio : NAPOLEON 3565 OF.1301-LAS CONDES	Nombre : INMOBILIARIA SAN IGNACIO SPA. Representante Legal : JAME IGNACIO ABURTO GUEVARA Rut : 13.830.457-4 Domicilio : SAN ANTONIO N°19 - OFICINA 805 - STGO.
CONTRATISTA	PROYECTO DEFINITIVO CERTIFICADO DE RECEPCION
Nombre : LUIS FERNANDO CAZOR BENITEZ RUT : 3.922.196-9 Domicilio : AV. EL PARQUE N°5339 OF.309 HUECHURABA Telefono : 2-26724930	N° Fecha
FIRMA EMPRESA DE SERVICIOS SANITARIOS	



CUADRO DE GASTOS ARTEFACTOS						
ARTEF.	N°	AGUA FRIA (L/Min.)		N°	AGUA CALIENTE (L/Min.)	
		GASTO	TOTAL		GASTO	TOTAL
WC	2	10	20	-	-	-
L°	2	8	16	2	8	16
Bo	2	15	30	2	15	30
Lp	1	12	12	1	12	12
Lv	1	15	15	-	-	-
Mlav	1	15	15	1	15	15
Lij 13 mm.	1	10	10	-	-	-
TOTAL	Lt/min.	118 Lt/min.			73 Lt/min.	

TOTAL QI = 118 Lt/min. ⇒ M.A.P. 19 mm.
TOTAL QMP = 47 Lt/min. M.A.P. PROYECTADO

CALCULO DE MAP-D=19 mm (Corto)	
Departamento Tipo C	
Por Consumo	
Q instalado	118.0 l/min
Q probable	46.6 l/min
Capacidad RAP	5.0 m3
Perdida RAP	3.1 mca
Por Dotación	
N° habitantes	4 hab
Dotación	250 l/hab/dia
Consumo	1.000 l/dia
RAP	3 m3
Perdida de carga de arranque mas desfavorable:	
Fair-Whipple-Hsiao	
Material	HDPE
DN	25.0
D interno	20.4 mm
Q probable	46.6 l/min
L	2.5 m
J	0.3 m/m
J*L	0.8 mca
J*L+Perdida RAP	4.0 mca

NOTA:
"SEGUN EL ART. 11", DEL REGLAMENTO DE INSTALACIONES DOMICILIARIAS DE AGUA POTABLE Y ALCANTARILLADO, D.S. 50 de 2002, DE OBRAS PUBLICAS, LAS INSTALACIONES DOMICILIARIAS INTERIORES DE AGUA POTABLE Y ALCANTARILLADO SON DE EXCLUSIVA RESPONSABILIDAD DEL PROPIETARIO PRIMER VENDEDOR, PROYECTISTA Y CONTRATISTA".