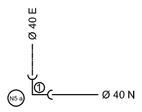
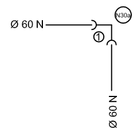
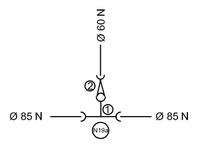
DETALLE DE NUDOS



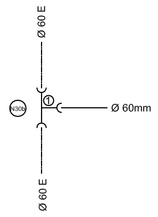
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°5a	NUDO DE CALCULO N° 5a	



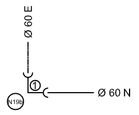
REF.	DESCRIPCION	CANTIDAD
1	CURVA PBA 90° Ø 60mm	1
N°30a	NUDO DE CALCULO N° 30a	



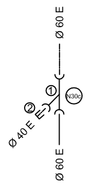
REF.	DESCRIPCION	CANT.
1	TE PVC SOLDABLE Ø 85mm	1
2	REDUCCION PBA PUNTA BOLSA Ø 85 x 60mm	1
N°19a	NUDO DE CALCULO N° 19a	



REF.	DESCRIPCION	CANTIDAD
1	TE PVC SOLDABLE Ø 60mm	1
N°30b	NUDO DE CALCULO N° 30b	



REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 60mm	1
N°19b	NUDO DE CALCULO N° 19b	

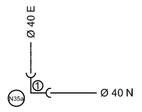


REF.	DESCRIPCION	CANT.
1	RAMAL SOLDABLE DE 45° Ø 60mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 40mm	1
N°30c	NUDO DE CALCULO N° 30c	

NOTA:

EL DETALLE DEL NUDO DE CALCULO 31a, SE ENCUENTRA AL FINAL DESPUES DEL DETALLE DEL NUDO 70a

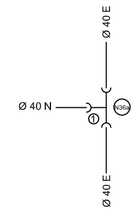
REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 85mm	1
N°29a	NUDO DE CALCULO N° 29a	



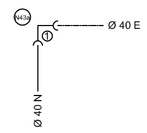
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°35a	NUDO DE CALCULO N° 35a	

NOTA: Ø = DIAMETRO EXTERNO
E = TUBERIA EXISTENTE
N = TUBERIA NUEVA

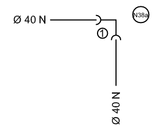
DETALLE DE NUDOS



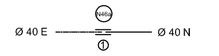
REF.	DESCRIPCION	CANTIDAD
1	TE PVC SOLDABLE Ø 40mm	1
N°36a	NUDO DE CALCULO N° 36a	



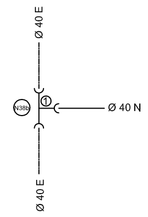
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°38a	NUDO DE CALCULO N° 38a	



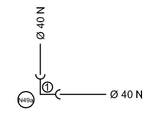
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°38a	NUDO DE CALCULO N° 38a	



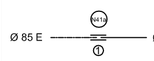
REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 40mm	1
N°46a	NUDO DE CALCULO N° 46a	



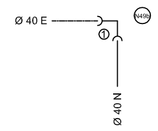
REF.	DESCRIPCION	CANTIDAD
1	TE PVC SOLDABLE Ø 60mm	1
N°38b	NUDO DE CALCULO N° 38b	



REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°49a	NUDO DE CALCULO N° 49a	



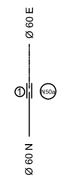
REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 85mm	1
N°41a	NUDO DE CALCULO N° 41a	



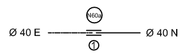
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°49b	NUDO DE CALCULO N° 49b	

NOTA: Ø = DIAMETRO EXTERNO
E = TUBERIA EXISTENTE
N = TUBERIA NUEVA

DETALLE DE NUDOS



REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 60mm	1
N°50a	NUDO DE CALCULO N° 50a	

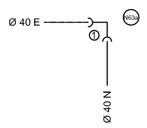


REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 40mm	1
N°60a	NUDO DE CALCULO N° 60a	

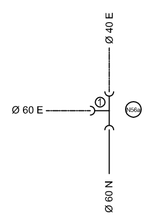
NOTA:

EL DETALLE DEL NUDO DE CALCULO N° 60a ES IDENTICO AL DETALLE DEL NUDO DE CALCULO N° 61a

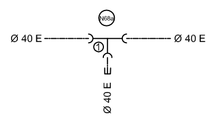
REF.	DESCRIPCION	CANTIDAD
1	UNION DE CORRER SOLDABLE Ø 40mm	1
N°55a	NUDO DE CALCULO N° 55a	



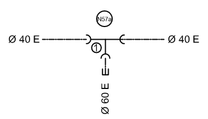
REF.	DESCRIPCION	CANTIDAD
1	CURVA PVC SOLDABLE 90° Ø 40mm	1
N°63a	NUDO DE CALCULO N° 63a	



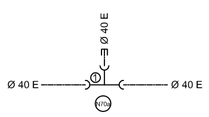
REF.	DESCRIPCION	CANTIDAD
1	TE PVC SOLDABLE Ø 60mm	1
N°56a	NUDO DE CALCULO N° 56a	



REF.	DESCRIPCION	CANT.
1	TE SOLDABLE DE Ø 40mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 40mm	1
N°68a	NUDO DE CALCULO N° 68a	



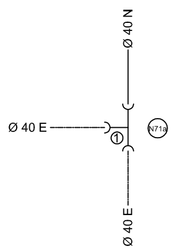
REF.	DESCRIPCION	CANT.
1	TE SOLDABLE DE Ø 60mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 60mm	1
N°57a	NUDO DE CALCULO N° 57a	



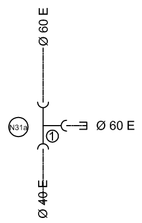
REF.	DESCRIPCION	CANT.
1	TE SOLDABLE DE Ø 40mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 40mm	1
N°70a	NUDO DE CALCULO N° 70a	

NOTA: Ø = DIAMETRO EXTERNO
E = TUBERIA EXISTENTE
N = TUBERIA NUEVA

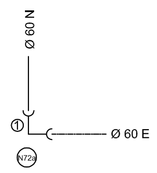
DETALLE DE NUDOS



REF.	DESCRIPCION	CANT.
1	TE SOLDABLE Ø 40mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 40mm	1
N°71a	NUDO DE CALCULO N° 71a	



REF.	DESCRIPCION	CANT.
1	TE SOLDABLE DE Ø 60mm, EXISTENTE	1
2	TAPON HEMBRA SOLDABLE Ø 40mm	1
N°31a	NUDO DE CALCULO N° 31a	



REF.	DESCRIPCION	CANT.
1	TE SOLDABLE Ø 60mm	1
N°72a	NUDO DE CALCULO N° 72a	

NOTA: Ø = DIAMETRO EXTERNO
E = TUBERIA EXISTENTE
N = TUBERIA NUEVA

MUNICIPALIDAD DE BELLA VISTA SUR
FACULTAD DE INGENIERIA
PROYECTO DE UNA OBRA IMPORTANTE

SISTEMA DE ABASTECIMIENTO DE AGUA POTABLE DE LA CIUDAD DE BELLA VISTA
ITAPÚA

INTEGRANTES:
Haydée Centurión
Herminia González R.

Detalle de Nudos

ESC: S/E

Plano Nº 5.3