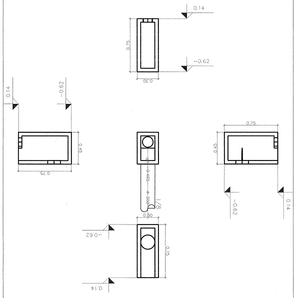
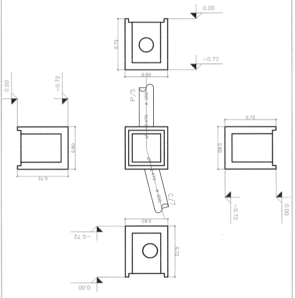
Tipo	N.
P	5


0.14
-0.62
0.75
0.30
0.14
-0.62
0.45
0.75
0.75
0.45
-0.62
0.14
0.465
ϕ 200
I/8
0.30
-0.62
0.75
0.14

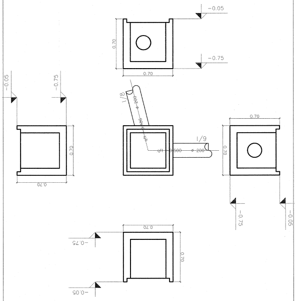
Scala 1:20

Tipo	N.
I	8


0.00
-0.72
0.72
0.60
0.00
-0.72
P/5
ϕ 200
0.470
0.60
0.72
0.478
ϕ 200
C/7
0.72
0.60
-0.72
0.00
0.60
-0.72
0.72
0.00

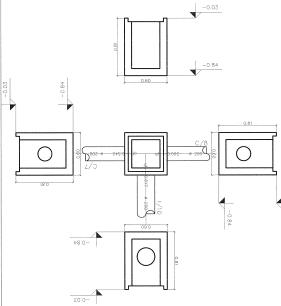
Scala 1:20

Tipo	N.
C	7


-0.05
-0.75
0.70
0.70
-0.05
-0.75
I/8
ϕ 200
0.486
0.70
0.70
0.500
ϕ 200
I/9
0.70
0.70
-0.75
-0.05
0.70
-0.75
0.70
-0.05

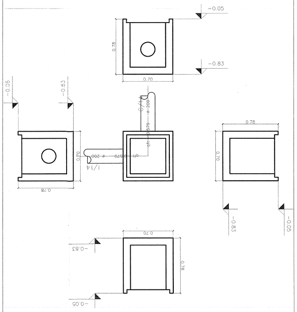
Scala 1:20

Tipo	N.
I	9


-0.03
-0.84
0.81
0.60
-0.03
-0.84
0.60
0.81
C/7
ϕ 200
0.542
0.592
ϕ 200
C/8
0.81
0.60
0.617
ϕ 250
I/10
-0.84
0.60
-0.84
0.81
-0.03

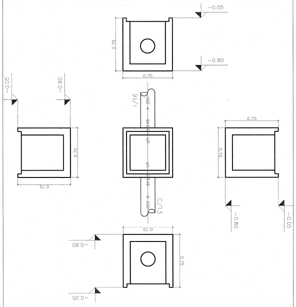
Scala 1:

Tipo	N.
C	13


-0.05
-0.83
0.78
0.70
-0.05
-0.83
C/14
ϕ 200
0.565
0.70
0.78
I/14
ϕ 200
0.579
0.78
0.70
-0.83
-0.05
0.70
-0.83
0.78
-0.05

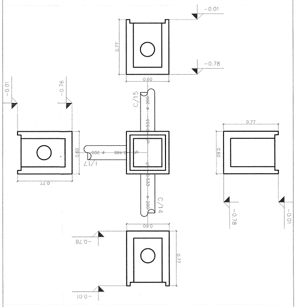
Scala 1:20

Tipo	N.
C	14


-0.05
-0.80
0.75
0.70
-0.05
-0.80
I/16
ϕ 200
0.548
0.70
0.75
0.75
0.70
0.548
ϕ 200
C/13
-0.80
-0.05
0.70
-0.80
0.75
-0.05

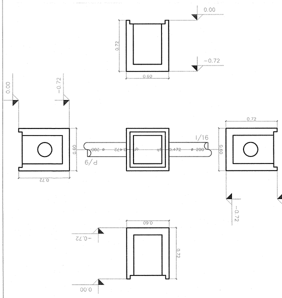
Scala 1:20

Tipo	N.
I	16


-0.01
-0.78
0.77
0.60
-0.01
-0.78
C/15
ϕ 200
0.533
0.60
0.77
I/17
ϕ 200
0.466
0.77
0.60
0.533
ϕ 200
C/14
-0.78
-0.01
0.60
-0.78
0.77
-0.01

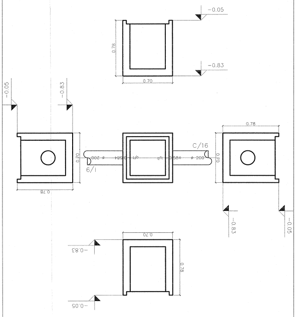
Scala 1:20

Tipo	N.
I	17


0.00
-0.72
0.72
0.60
0.00
-0.72
0.60
0.72
P/9
ϕ 200
0.472
0.472
ϕ 200
I/16
0.72
0.60
-0.72
0.60
-0.72
0.72
0.00

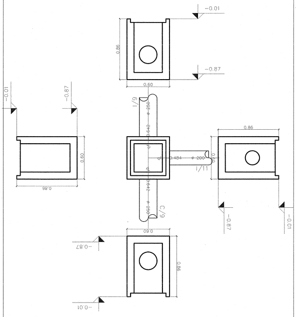
Scala 1:

Tipo	N.
C	8


-0.05
-0.83
0.78
0.70
-0.05
-0.83
0.70
0.78
I/9
ø 200
qft -0.584
C/16
0.78
0.70
-0.83
-0.05
0.70
-0.83
0.78
-0.05

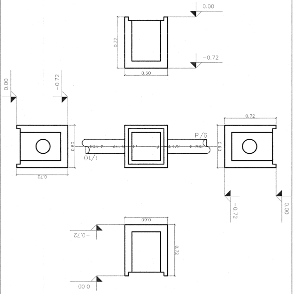
Scala 1:20

Tipo	N.
I	10


-0.01
-0.87
0.86
0.60
-0.01
-0.87
0.86
0.60
I/9
ø 250
qft -0.642
qft -0.484
ø 200
I/11
0.86
0.60
C/9
-0.87
-0.01
0.60
-0.87
0.86
-0.01

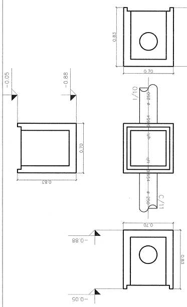
Scala 1:20

Tipo	N.
I	11


0.00
-0.72
0.72
0.60
0.00
-0.72
0.60
0.72
I/10
ø 200
qft -0.472
P/6
0.72
0.60
-0.72
0.00
0.60
-0.72
0.72
0.00

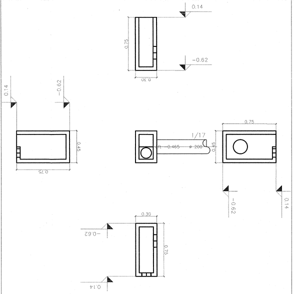
Scala 1:20

Tipo	N.
C	9


0.83
0.70
-0.05
-0.88
0.70
0.83
I/10
ø 250
qft -0.654
C/11
0.70
-0.88
0.83
-0.05

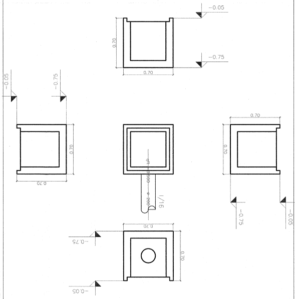
Scala 1:20

Tipo	N.
P	9


0.14
-0.62
0.75
0.30
0.14
-0.62
0.45
0.75
I/17
qft -0.465
ø 200
0.45
0.75
-0.62
0.14
0.30
-0.62
0.75
0.14

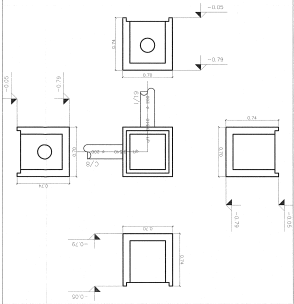
Scala 1:20

Tipo	N.
C	15


-0.05
-0.75
0.70
0.70
-0.05
-0.75
0.70
0.70
qft -0.560
ø 200
I/16
0.70
0.70
-0.75
-0.05
0.70
-0.75
0.70
-0.05

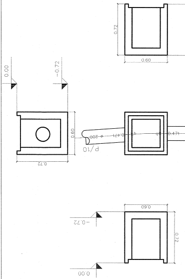
Scala 1:20

Tipo	N.
C	16

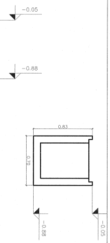

-0.05
-0.79
0.74
0.70
-0.05
-0.79
I/19
ø 200
qft -0.540
qft -0.510
ø 200
C/8
0.70
0.74
0.74
0.70
-0.79
-0.05
0.70
-0.79
0.74
-0.05

Scala 1:20

Tipo	N.
I	18


0.72
0.60
0.00
-0.72
0.60
0.72
ø 200
qft -0.471
P/10
qft -0.471
0.60
-0.72
0.72
0.00

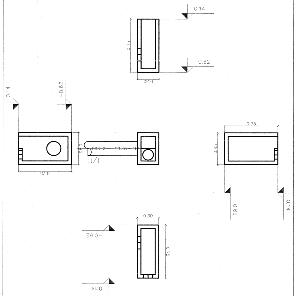
Scala 1:20



-0.05
-0.88
0.83
0.70
-0.88
-0.05

Scala 1:20

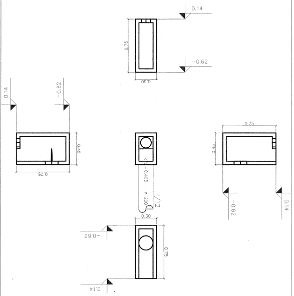
Tipo	N.
P	6



0.14
0.75
-0.62
0.30
0.14
-0.62
0.45
I/11
ø 200
-0.465
0.75
0.75
0.45
-0.62
0.14
0.30
0.75
-0.62
0.14

Scala 1:20

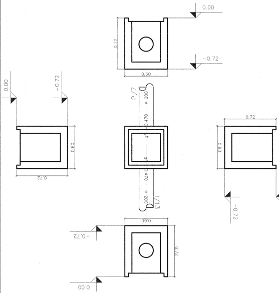
Tipo	N.
P	7



0.14
0.75
-0.62
0.30
0.14
-0.62
0.75
0.45
-0.465
ø 200
I/12
0.30
0.75
-0.62
0.14
0.75
0.45
-0.62
0.14

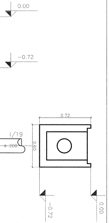
Scala 1:20

Tipo	N.
I	12



0.00
0.72
-0.72
0.60
0.00
-0.72
P/7
ø 200
-0.470
0.60
0.72
-0.470
ø 200
I/13
0.60
0.72
-0.72
0.00
0.72
0.60
-0.72

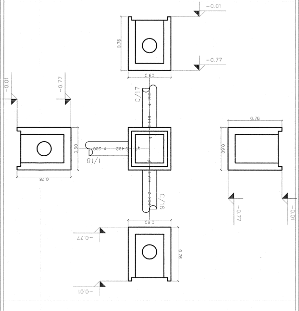
Scala 1:



0.00
-0.72
I/19
ø 200
0.72
0.60
-0.72
0.00

Scala 1:20

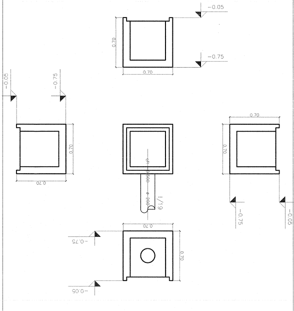
Tipo	N.
I	19



-0.01
0.76
-0.77
0.60
-0.01
-0.77
C/17
ø 200
-0.519
0.60
ø 200
-0.492
I/18
0.76
-0.519
ø 200
C/16
0.76
0.60
-0.77
-0.01
0.60
0.76
-0.77
-0.01

Scala 1:20

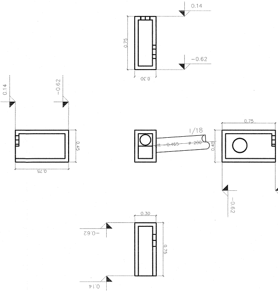
Tipo	N.
C	17



-0.05
0.70
-0.75
0.70
-0.05
-0.75
0.70
0.70
-0.500
ø 200
I/19
0.70
0.70
0.70
-0.75
-0.05
0.70
0.70
-0.75
-0.05

Scala 1:20

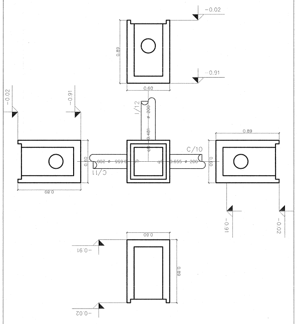
Tipo	N.
P	10



0.14
0.75
-0.62
0.30
0.14
-0.62
0.45
0.75
I/18
-0.465
ø 200
0.45
0.75
-0.62
0.30
0.75
-0.62
0.14

Scala 1:

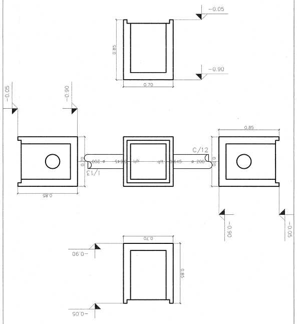
Tipo	N.
I	13



-0.02
-0.91
0.89
0.60
I/12
ø 200
0.481
C/10
0.655
ø 200
C/11
0.89
0.70
-0.91
-0.02

Scala 1:20

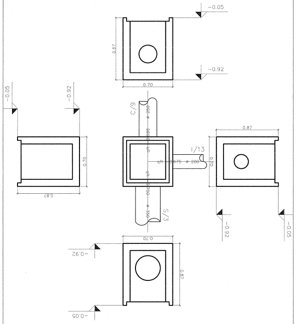
Tipo	N.
C	10



-0.05
-0.90
0.85
0.70
C/12
ø 200
0.645
I/13
0.85
-0.90
-0.05

Scala 1:20

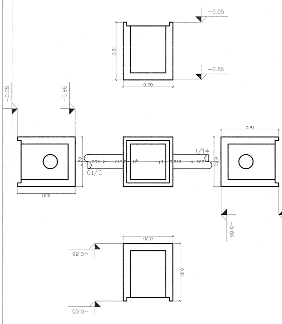
Tipo	N.
C	11



-0.05
-0.92
0.87
0.70
C/9
ø 250
I/13
0.675
ø 200
S/3
0.87
-0.92
-0.05

Scala 1:20

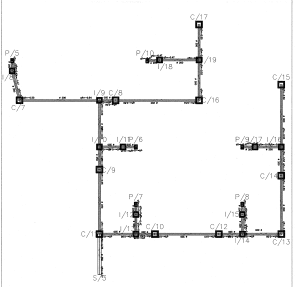
Tipo	N.
C	12



-0.05
-0.86
0.8
0.70
I/14
0.612
ø 200
C/10
0.81
-0.86
-0.05

Scala 1:

Rete n3



C/17
P/5
P/10
I/19
I/18
I/8
C/15
C/7
I/9
C/8
C/16
I/10
I/11
P/6
P/9
I/17
I/16
C/9
C/14
P/7
P/8
I/12
I/15
C/1
I/1
C/10
C/12
I/14
C/13
S/3

POZZETTI

Tipo	N.	quota terreno [m]	H tot [m]	Sup. Imbrifora [m²]	pioggia affluita [l/sec]	linea sgrondo [m]	pioggia affluita [l/sec]	Sup. tetto [m²]	pioggia affluita [l/sec]	Totale pioggia affluita [l/sec]
P	5	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	51.66	4.305	4.305
I	8	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
C	7	-0.050	-0.70	88.37	7.364	0.00 0.00	0.000	0.00	0.000	7.364
I	9	-0.030	-0.81	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
C	8	-0.050	-0.78	65.32	5.444	0.00 0.00	0.000	0.00	0.000	5.444
I	10	-0.012	-0.86	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
I	11	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
C	9	-0.050	-0.83	34.06	2.838	0.00 0.00	0.000	0.00	0.000	2.838
P	6	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	16.24	1.353	1.353
P	7	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	16.24	1.353	1.353
I	12	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
I	13	-0.017	-0.89	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
C	10	-0.050	-0.85	34.31	2.859	0.00 0.00	0.000	0.00	0.000	2.859
C	11	-0.050	-0.87	36.14	3.012	0.00	0.000	0.00	0.000	3.012

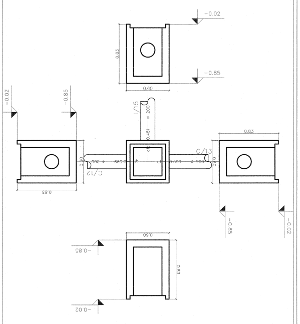
POZZETTI

Tipo	N.	quota terreno [m]	H tot [m]	Sup. Imbrifora [m²]	pioggia affluita [l/sec]	linea sgrondo [m]	pioggia affluita [l/sec]	Sup. tetto [m²]	pioggia affluita [l/sec]	Totale pioggia affluita [l/sec]
S	3	0.000	-0.87	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
C	12	-0.050	-0.81	38.72	3.227	0.00 0.00	0.000	0.00	0.000	3.227
I	14	-0.015	-0.83	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
I	15	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
P	8	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	16.24	1.353	1.353
C	13	-0.050	-0.78	33.26	2.772	0.00 0.00	0.000	0.00	0.000	2.772
C	14	-0.050	-0.75	46.39	3.866	0.00 0.00	0.000	0.00	0.000	3.866
I	16	-0.010	-0.77	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
I	17	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
P	9	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	16.24	1.353	1.353
C	15	-0.050	-0.70	80.61	6.718	0.00 0.00	0.000	0.00	0.000	6.718
C	16	-0.050	-0.74	67.31	5.610	0.00 0.00	0.000	0.00	0.000	5.610
I	18	0.000	-0.72	0.00	0.000	0.00 0.00	0.000	0.00	0.000	0.000
I	19	-0.009	-0.76	0.00	0.000	0.00	0.000	0.00	0.000	0.000

POZZETTI

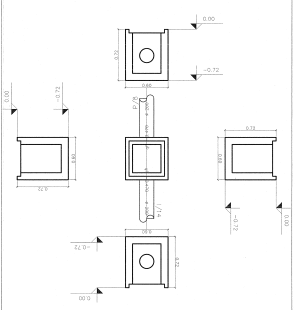
Tipo	N.	quota terreno [m]	H tot [m]	Sup. Imbrifora [m²]	pioggia affluita [l/sec]	linea sgrondo [m]	pioggia affluita [l/sec]	Sup. tetto [m²]	pioggia affluita [l/sec]	Totale pioggia affluita [l/sec]
C	17	-0.050	-0.70	82.03	6.836	0.00 0.00	0.000	0.00	0.000	6.836
P	10	0.135	-0.75	0.00	0.000	0.00 0.00	0.000	25.92	2.160	2.160

Tipo	N.
I	14


-0.02
0.83
-0.85
0.60
-0.02
-0.85
I/15
ø 200
0.181
C/13
0.599
ø 200
0.83
C/12
ø 200
0.599
0.60
0.83
-0.85
-0.02
0.60
-0.85
0.83
-0.02

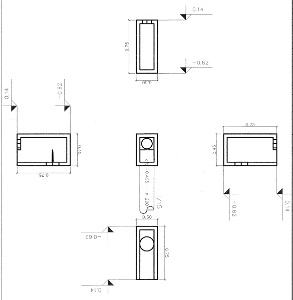
Scala 1:20

Tipo	N.
I	15


0.00
0.72
-0.72
0.60
0.00
-0.72
P/8
ø 200
0.470
0.72
0.60
0.72
0.470
ø 200
I/14
-0.72
0.00
0.60
-0.72
0.72
0.00

Scala 1:20

Tipo	N.
P	8


0.14
0.75
-0.62
0.30
0.14
-0.62
0.45
0.75
0.455
ø 200
I/15
0.30
0.75
0.45
0.75
-0.62
0.14
-0.62
0.14

Scala 1:20

DISEGNI DI RIFERIMENTO

codifica											TITOLO ELABORATO
IN0R	12	E	E2	P	A	FA	36	0	5	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Planimetria generale e sezione con sistemazioni esterne
IN0R	12	E	E2	P	A	FA	36	0	5	002	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Planimetria rete fognaria
IN0R	12	E	E2	P	A	FA	36	0	5	003	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Planimetria polifore
IN0R	12	E	E2	P	A	FA	36	0	5	004	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Planimetria tracciamento - Posizionamento piazzale, fabbricato, pozzetti, basamenti e fondazioni
IN0R	12	E	E2	B	Z	FA	36	0	0	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Particolari elementi costitutivi del piazzale e della strada di accesso
IN0R	12	E	E2	B	Z	FA	36	0	5	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Pozzetti polifore - Carpenteria, armatura e particolari 1 di 3
IN0R	12	E	E2	B	C	FA	36	0	5	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Pozzetti polifore - Carpenteria, armatura e particolari 2 di 3
IN0R	12	E	E2	B	C	FA	36	0	5	002	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Pozzetti polifore - Carpenteria, armatura e particolari 3 di 3
IN0R	12	E	E2	B	Z	FA	36	0	5	002	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Cancello d'Ingresso e recinzioni - Carpenteria, armatura e particolari
IN0R	12	E	E2	B	Z	FA	36	0	5	003	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Basamento generatore - Carpenteria, armatura e particolari
IN0R	12	E	E2	B	C	FA	36	0	5	003	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Basamento serbatoio generatore - Carpenteria, armatura e particolari
IN0R	12	E	E2	C	L	FA	36	0	5	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione di calcolo pozzetti polifore
IN0R	12	E	E2	C	L	FA	36	0	5	002	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione di calcolo cancello d'ingresso e recinzioni
IN0R	12	E	E2	C	L	FA	36	0	5	003	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione di calcolo basamento genaratore
IN0R	12	E	E2	C	L	FA	36	0	5	004	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione di calcolo basamento serbatoio genaratore
IN0R	12	E	E2	C	L	FA	36	0	0	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione di calcolo pavimentazioni stradali e di piazzale
IN0R	12	E	E2	R	I	FA	36	0	4	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Relazione idraulica, calcolo smaltimento acque meteoriche ed impianto fognario
IN0R	12	E	E2	B	C	FA	36	0	5	004	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Caratteristiche fognature 1 di 3
IN0R	12	E	E2	B	C	FA	36	0	5	005	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Caratteristiche fognature 2 di 3
IN0R	12	E	E2	B	C	FA	36	0	5	006	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Caratteristiche fognature 3 di 3
IN0R	12	E	E2	P	Z	FA	36	0	7	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Strada di Accesso al Piazzale - Planimetria, tracciamento, profilo longitudinale, sezione tipo, segnaletica
IN0R	12	E	E2	W	9	FA	36	0	7	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Strada di Accesso al Piazzale - Sezioni trasversali
IN0R	12	E	E2	R	O	FA	36	0	7	001	FA36 - FABBRIATO PC/PJ2 BRESCIA EST - PK 105+585 - Strada di Accesso al Piazzale - Relazione descrittiva tracciato stradale di accesso al piazzale

NOTE GENERALI

CARATTERISTICHE DEI MATERIALI

Per i particolari degli elementi costitutivi del piazzale e della strada di accesso vedi elaborato:

IN0R	11	E	E2	4	T	FA	00	0	0	001	FA00 - Fabbricati Tecnologici - Particolari costruttivi validi per tutte le tipologie di fabbricati - Tabella materiali

RETE FOGNARIA

Pozzetto iniziale	Pozzetto finale	Lunghezza [m]	Diametro [mm]	quota fondo tubo iniziale [m]	quota fondo tubo iniziale [m]	Portata [l/sec]	Altezza pelo libero [mm]	Percentuale riempimento [%]
P/5	I/8	1.08	200	-0.465	-0.470	4.305	50	25
I/8	C/7	3.20	200	-0.470	-0.486	4.305	50	25
C/7	I/9	8.45	200	-0.500	-0.542	11.669	80	40
I/9	I/10	4.92	250	-0.617	-0.642	31.718	125	50
I/10	C/9	2.38	250	-0.642	-0.654	33.072	138	55
C/9	C/11	6.81	250	-0.654	-0.688	35.910	138	55
C/11	S/3	4.27	350	-0.750	-0.771	62.424	158	45
C/17	I/19	3.74	200	-0.500	-0.519	6.836	60	30
I/19	C/16	4.27	200	-0.519	-0.540	8.996	70	35
C/16	C/8	8.78	200	-0.540	-0.584	14.605	90	45
C/8	I/9	1.70	200	-0.584	-0.592	20.049	110	55
P/10	I/18	1.29	200	-0.465	-0.471	2.160	40	20
I/18	I/19	4.16	200	-0.471	-0.492	2.160	40	20
P/6	I/11	1.36	200	-0.465	-0.472	1.353	30	15

RETE FOGNARIA

Pozzetto iniziale	Pozzetto finale	Lunghezza [m]	Diametro [mm]	quota fondo tubo iniziale [m]	quota fondo tubo iniziale [m]	Portata [l/sec]	Altezza pelo libero [mm]	Percentuale riempimento [%]
I/11	I/10	2.49	200	-0.472	-0.484	1.353	30	15
C/15	I/16	6.58	200	-0.500	-0.533	6.718	60	30
I/16	C/14	3.03	200	-0.533	-0.548	8.071	70	35
C/14	C/13	6.16	200	-0.548	-0.579	11.937	80	40
C/13	I/14	4.11	200	-0.579	-0.599	14.709	90	45
I/14	C/12	2.47	200	-0.599	-0.612	16.062	100	50
C/12	C/10	6.74	200	-0.612	-0.645	19.289	110	55
C/10	I/13	1.99	200	-0.645	-0.655	22.149	120	60
I/13	C/11	3.84	200	-0.655	-0.675	23.502	120	60
P/9	I/17	1.36	200	-0.465	-0.472	1.353	30	15
I/17	I/16	2.75	200	-0.472	-0.486	1.353	30	15
P/8	I/15	1.08	200	-0.465	-0.470	1.353	30	15
I/15	I/14	2.07	200	-0.470	-0.481	1.353	30	15
P/7	I/12	1.08	200	-0.465	-0.470	1.353	30	15

RETE FOGNARIA

Pozzetto iniziale	Pozzetto finale	Lunghezza [m]	Diametro [mm]	quota fondo tubo iniziale [m]	quota fondo tubo iniziale [m]	Portata [l/sec]	Altezza pelo libero [mm]	Percentuale riempimento [%]
I/12	I/13	2.07	200	-0.470	-0.481	1.353	30	15

COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO

ALTA SORVEGLIANZA:

ITALFERR
GRUPPO FERROVIE DELLO STATO

GENERAL CONTRACTOR:

Cepav due
Consorzio ENI per l'Alta Velocità

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01

LINEA A.V. /A.C. TORINO - VENEZIA Tratta MILANO - VERONA
Lotto funzionale Brescia-Verona
PROGETTO ESECUTIVO

FA36
FABBRICATO PC/PJ2 BRESCIA EST - PK 105+585
Caratteristiche fognature 2 di 3

GENERAL CONTRACTOR	DIRETTORE LAVORI	SCALA:
Consorzio Cepav due Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Taranta) Data: 29 MAG 2020	Data:	1:20

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IN0R	12	E	E2	BC	FA3605	005	A

PROGETTAZIONE

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data
A	Emissione	L. Perelli	06/05/20	C.Porelli	06/05/20		06/05/20
B							
C							

Dott. Ing. ROBERTO LIANI — N. 23076

IL PROGETTISTA
INTEGRATED DESIGN srl
Ing. Carlo Porelli
Iscritto Ordine Ingegneri Bologna
n. 1985/A
Data: 06/05/20

CARLO PORELLI — N° 1985/A

CIG. 751447334A

Stampato dal Service di plottaggio ITALFERR S.p.A. ALBA S.r.l.

File: IN0R12EE2BCFA3605005A_10.dwg

Progetto cofinanziato dalla Unione Europea

CUP: F81H91000000008