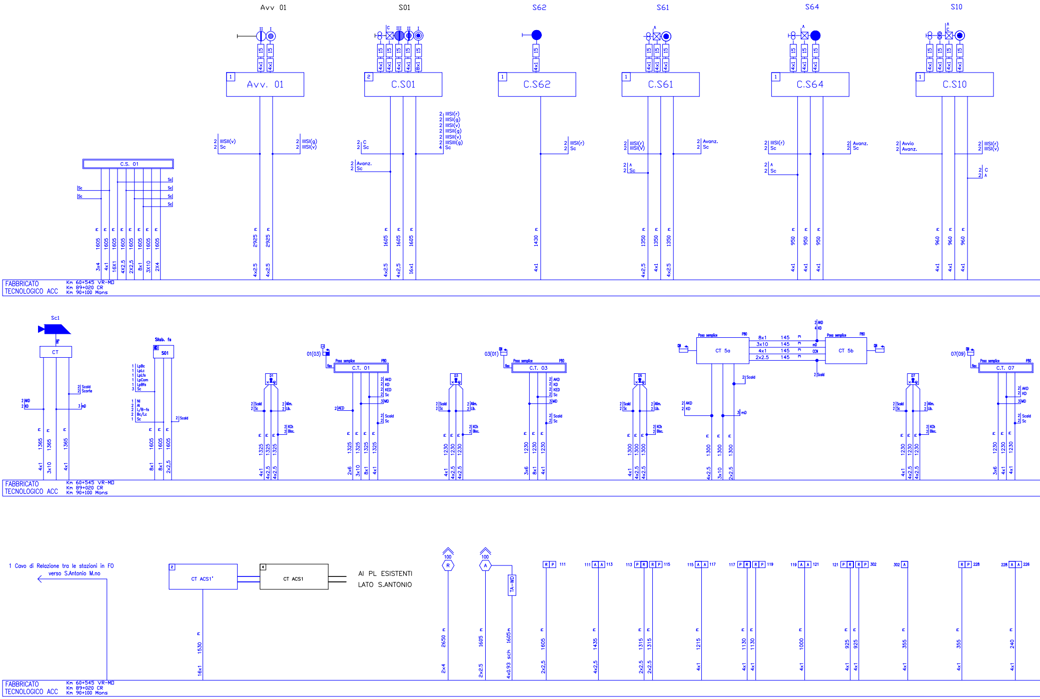
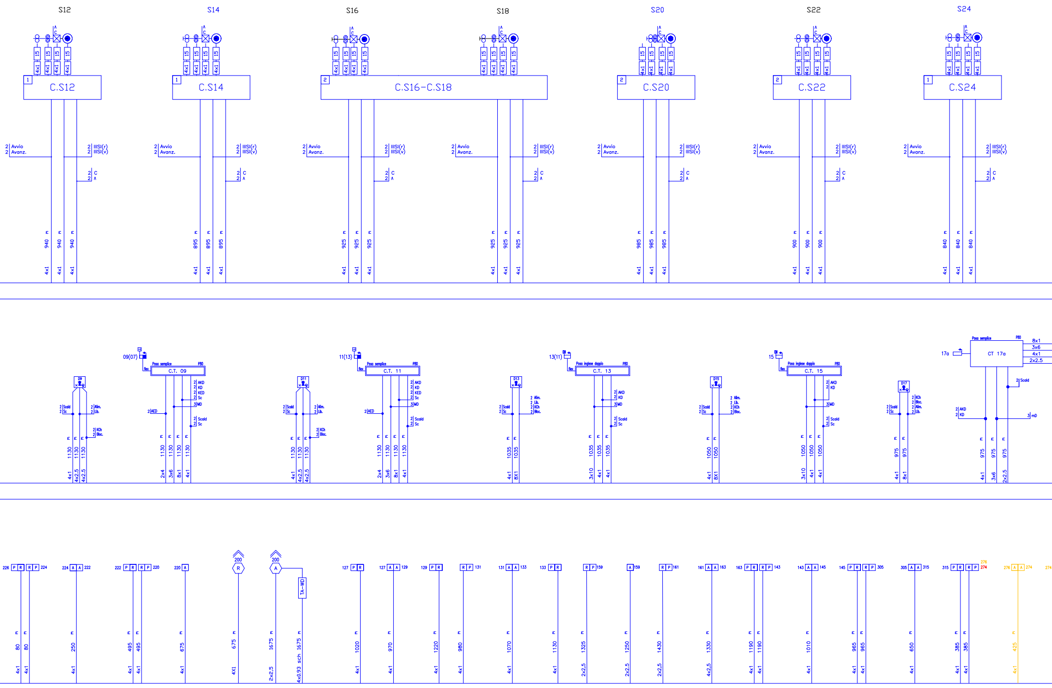
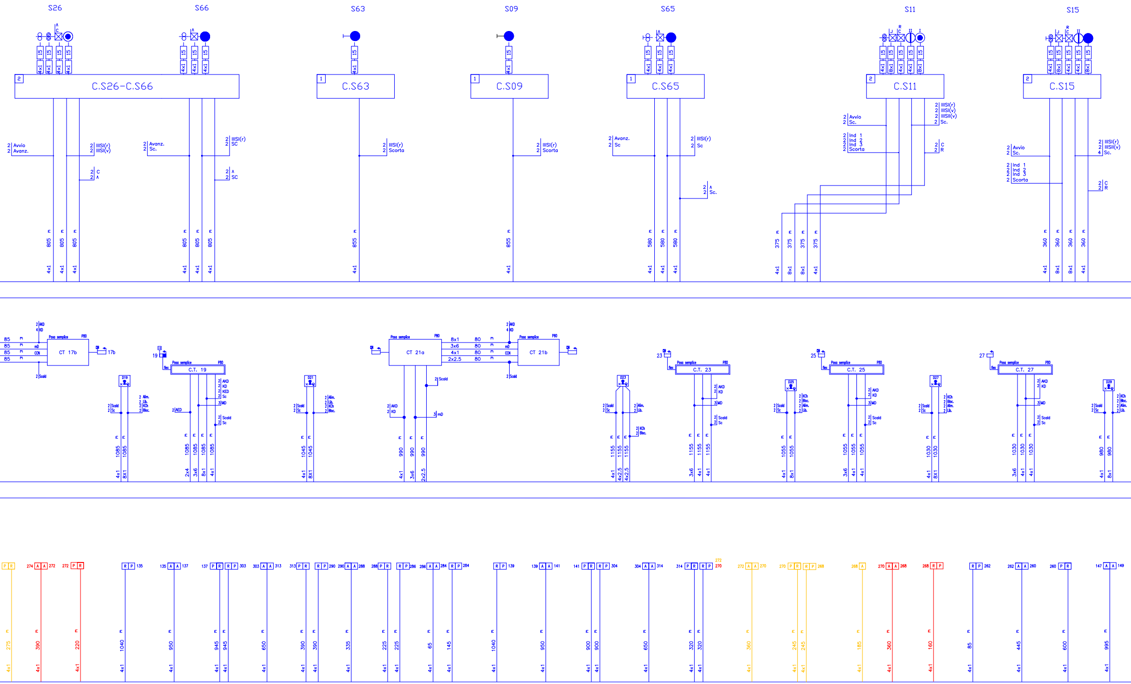
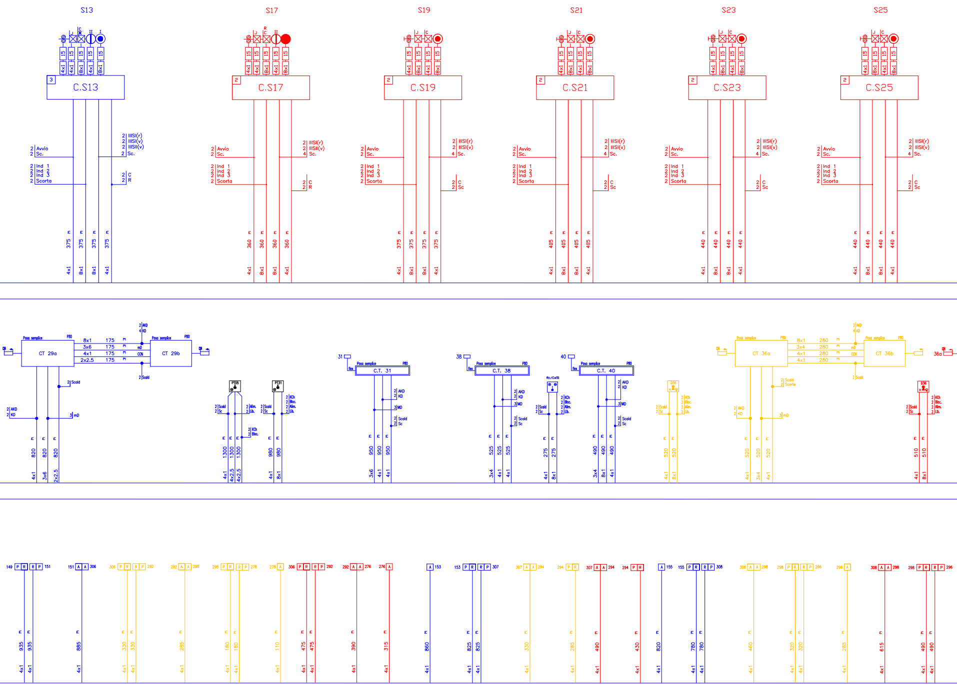
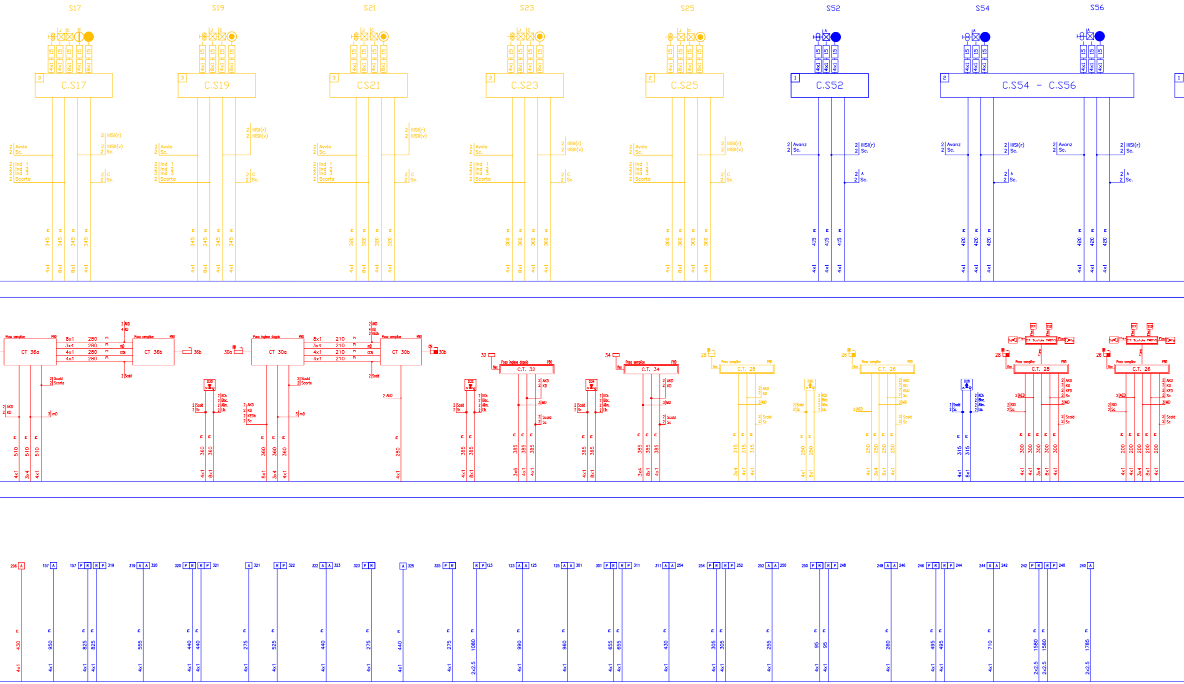

Avv 01
S01
S62
S61
S64
S10
Avv. 01
C.S01
C.S62
C.S61
C.S64
C.S10
C.S. 01
2 IIISII(v)
2 Sc
2 IIISI(g)
2 IIISI(v)
2 C
2 Sc
2 Avanz.
2 Sc
2 IIISI(r)
2 IIISI(g)
2 IIISI(v)
2 IIISII(g)
2 IIISII(v)
2 IIISIII(g)
4 Sc
2 IIISI(r)
2 Sc
2 IIISI(r)
2 IIISI(v)
2 Avanz.
2 Sc
2 Avvio
2 Avanz.
FABBRICATO TECNOLOGICO ACC
Km 60+545 VR-MO
Km 89+020 CR
Km 90+100 Mons
Sc1
CT
Stab. fs
S01
C.T. 01
C.T. 03
C.T. 07
CT 5a
CT 5b
Posa semplice
P80
01(03)
03(01)
07(09)
8x1 145 m
3x10 145 m
4x1 145 m
2x2.5 145 m
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 Scald
2 Alim.
2 Lib.
2 KCh
2 Bloc.
1 Cavo di Relazione tra le stazioni in FO verso S.Antonio M.no
CT ACS1'
CT ACS1
Al PL ESISTENTI LATO S.ANTONIO
100
R
A
TA-WD
2x4
2x2.5
4x0.93 sch
16x1
4x1
4x2.5
3x10
8x1
2x6
3x6
3x4
16x1
2X2.5
2X4
1605 m
2925 m
1430 m
1350 m
950 m
960 m
1365 m
1325 m
1230 m
1300 m
1530 m
2650 m
1435 m
1315 m
1215 m
1130 m
1000 m
925 m
355 m
240 m
111
113
115
117
119
121
302
228
226

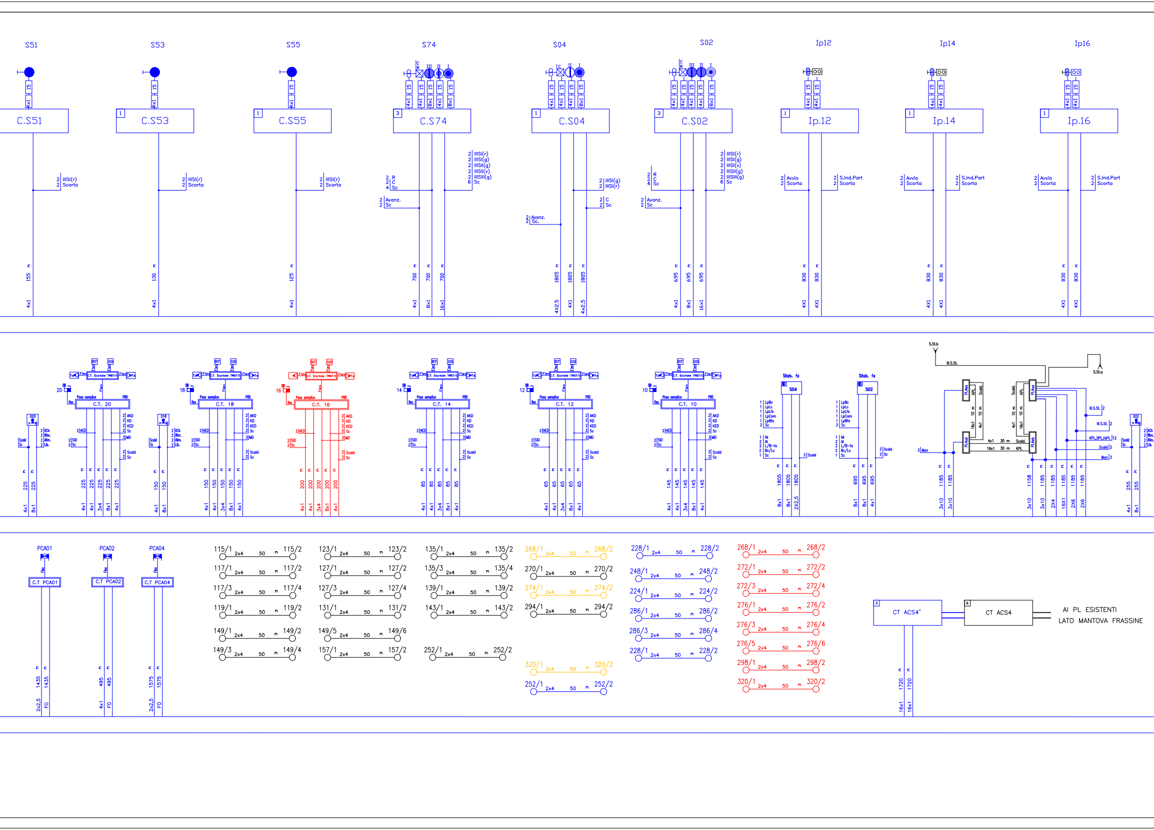

S12
S14
S16
S18
S20
S22
S24
C.S12
C.S14
C.S16-C.S18
C.S20
C.S22
C.S24
Avvio
Avanz.
IIISI(r)
IIISI(v)
940
895
925
985
900
840
4x1
15
09(07)
11(13)
13(11)
15
17a
Posa semplice
Posa inglese doppio
P80
flex
C.T. 09
C.T. 11
C.T. 13
C.T. 15
CT 17a
D9
D11
D13
D15
D17
AKD
KD
KED
Sc
MD
AED
Scald
Alim.
Lib.
KCh
Bloc.
mD
1130
1035
1050
975
2x4
3x6
8x1
4x2,5
3x10
2x2,5
200
R
A
TA-WD
80
250
495
675
1675
1020
970
1220
980
1070
1130
1325
1250
1430
1330
1190
1010
965
650
385
425
4x0.93 sch
2x2,5
226
224
222
220
127
129
131
133
159
161
163
143
145
305
315
276
274

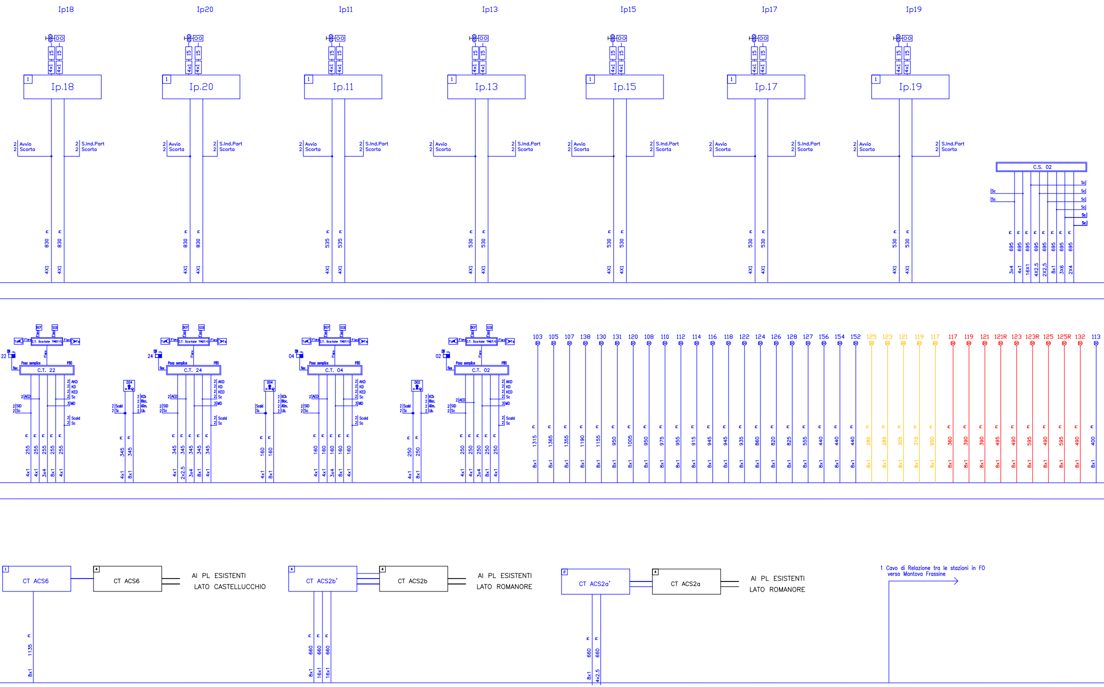

S26
S66
S63
S09
S65
S11
S15
C.S26-C.S66
C.S63
C.S09
C.S65
C.S11
C.S15
Avvio
Avanz.
Sc.
IIISI(r)
IIISI(v)
IIISII(r)
IIISII(v)
Scorta
Ind 1
Ind 2
Ind 3
CT 17b
C.T. 19
CT 21a
CT 21b
C.T. 23
C.T. 25
C.T. 27
Posa semplice
P80
AKD
KD
KED
AED
MD
mD
Scald
Alim.
Lib.
KCh
Bloc.
flex



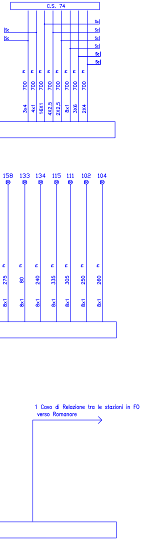
S13
S17
S19
S21
S23
S25
C.S13
C.S17
C.S19
C.S21
C.S23
C.S25
Avvio
Sc.
Ind 1
Ind 2
Ind 3
Scorta
IIISI(r)
IIISI(v)
IIISII(v)
C
R
Sc
375
360
405
440
4x1
8x1
15
Posa semplice
P80
CT 29a
CT 29b
8x1 175
3x6 175
4x1 175
2x2.5 175
AKD
KD
Scald
mD
CCN
C.T. 31
C.T. 38
C.T. 40
flex
MD
KCh
Bloc.
Alim.
Lib.
PT05
PT31
Rc/Cs51
CT 36a
CT 36b
8x1 280
3x4 280
4x1 280
4x1 280
36a
D36
820
1300
980
950
525
275
490
520
510
3x6
2x2.5
4x2.5
3x4
P R R P
A A
935
885
330
285
180
110
475
390
315
860
825
490
430
820
780
460
320
285
615
490


S17
S19
S21
S23
S25
S52
S54
S56
C.S17
C.S19
CS21
C.S23
C.S25
C.S52
C.S54 - C.S56
Avvio
Sc.
Ind 1
Ind 2
Ind 3
Scorta
IIISI(r)
IIISII(v)
C
Avanz
A
345
320
300
415
420
4x1
8x1
CT 36a
CT 36b
CT 30a
CT 30b
C.T. 32
C.T. 34
C.T. 28
C.T. 26
Posa semplice
Posa inglese doppio
P80
AKD
KD
KEDb
Scald
Scorte
mD
CCN
AED
MD
KCh
Bloc.
Alim.
Lib.
SID
D30
D32
D34
D26
D28
flex
C.T. Scatole TM07/
36b
30a
30b
32
34
28
26
8x1
3x4
280
210
510
360
385
315
250
200
3x6
296
157
319
320
321
322
323
325
123
125
301
311
254
252
250
248
246
244
242
240
430
950
825
555
440
275
525
1080
990
960
655
305
255
95
260
495
710
1580
1785
2x2.5
A
P
R
m


S51
C.S51
2 IIISI(r)
2 Scorta
155 m
4x1
S53
C.S53
130 m
S55
C.S55
125 m
S74
C.S74
2 R
2 C
4 Sc
2 Avanz.
2 Sc
2 IIISI(r)
2 IIISI(g)
2 IIISII(g)
2 IIISII(v)
2 IIISIII(g)
6 Sc
700 m
8x1
16x1
S04
C.S04
2 Avanz.
2 Sc.
2 IIISI(g)
2 IIISI(r)
2 C
2 Sc
1805 m
4X2.5
4X1
S02
C.S02
695 m
Ip12
Ip.12
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
830 m
4X1
Ip14
Ip.14
Ip16
Ip.16
D20
2 KCh
2 Bloc.
2 Alim.
2 Lib.
Scald
Sc
225 m
C.T. Scatole TM07/1
DCF
SID
Flex
Ts
20
Posa semplice
P80
flex
C.T. 20
2 AKD
2 KD
2 KED
2 Sc
2 AED
2 SID
2 Sc
3 MD
2 Scald
2 Sc
3x4
D18
150 m
18
C.T. 18
16
C.T. 16
200 m
14
C.T. 14
85 m
12
C.T. 12
65 m
10
C.T. 10
145 m
Stab. fs
S04
1 LpBc
1 LpLc
1 LpLfs
1 LpCom
1 LpBfs
3 Sc
1 NI
2 AI
2 L/B-fs
2 Bc/Lc
1 Sc
2 Scald
2X2.5
Stab. fs
S02
695 m
S.St.b
III.S.St.
S.St.a
PL4ea
PL4ub
PL4ua
PL4eb
KPL
Scald.
16x1
4x1
10 m
4x1 30 m Scald.
16x1 30 m KPL
3 Man
1185 m
1158 m
3x10
2X4
16X1
2X6
III.S.St. 2
II.S.St. 2
KPL,SPL,fsPL 12
Scald 2
Man 3
D22
255 m
PCA01
C.T PCA01
1435 m
2x2.5
FO
PCA02
C.T PCA02
495 m
PCA04
C.T PCA04
1575 m
115/1 2x4 50 m 115/2
117/1 2x4 50 m 117/2
117/3 2x4 50 m 117/4
119/1 2x4 50 m 119/2
149/1 2x4 50 m 149/2
149/3 2x4 50 m 149/4
123/1 2x4 50 m 123/2
127/1 2x4 50 m 127/2
127/3 2x4 50 m 127/4
131/1 2x4 50 m 131/2
149/5 2x4 50 m 149/6
157/1 2x4 50 m 157/2
135/1 2x4 50 m 135/2
135/3 2x4 50 m 135/4
139/1 2x4 50 m 139/2
143/1 2x4 50 m 143/2
252/1 2x4 50 m 252/2
268/1 2x4 50 m 268/2
270/1 2x4 50 m 270/2
274/1 2x4 50 m 274/2
294/1 2x4 50 m 294/2
320/1 2x4 50 m 320/2
252/1 2x4 50 m 252/2
228/1 2x4 50 m 228/2
248/1 2x4 50 m 248/2
224/1 2x4 50 m 224/2
286/1 2x4 50 m 286/2
286/3 2x4 50 m 286/4
228/1 2x4 50 m 228/2
268/1 2x4 50 m 268/2
272/1 2x4 50 m 272/2
272/3 2x4 50 m 272/4
276/1 2x4 50 m 276/2
276/3 2x4 50 m 276/4
276/5 2x4 50 m 276/6
298/1 2x4 50 m 298/2
320/1 2x4 50 m 320/2
3
CT ACS4'
6
CT ACS4
AI PL ESISTENTI
LATO MANTOVA FRASSINE
1720 m
16x1



Ip18
15 15
4x1 4x1
1 Ip.18
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
830 830
4X1 4X1
Ip20
15 15
4x1 4x1
1 Ip.20
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
830 830
4X1 4X1
Ip11
15 15
4x1 4x1
1 Ip.11
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
535 535
4X1 4X1
Ip13
15 15
4x1 4x1
1 Ip.13
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
530 530
4X1 4X1
Ip15
15 15
4x1 4x1
1 Ip.15
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
530 530
4X1 4X1
Ip17
15 15
4x1 4x1
1 Ip.17
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
530 530
4X1 4X1
Ip19
15 15
4x1 4x1
1 Ip.19
2 Avvio
2 Scorta
2 S.Ind.Part
2 Scorta
m m
530 530
4X1 4X1
C.S. 02
Sc Sc
Sc Sc Sc Sc Sc Sc
m m m m m m m m
695 695 695 695 695 695 695 695
3x4 4x1 16X1 4X2.5 2X2,5 8x1 3X6 2X4
DCF SID
Flex Flex
Ta Flex C.T. Scatole TM07/1 Flex Ts
22
Flex
Posa semplice P80
flex C.T. 22
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 SID
2 Sc
2 Scald
2 Sc
m m m m m
255 255 255 255 255
4x1 4x1 3x4 8x1 4x1
D24
2 Scald
2 Sc
2 KCh
2 Bloc.
2 Alim.
2 Lib.
m m
345 345
4x1 8x1
DCF SID
Flex Flex
Ta Flex C.T. Scatole TM07/1 Flex Ts
24
Flex
Posa semplice P80
flex C.T. 24
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 SID
2 Sc
2 Scald
2 Sc
m m m m m
345 345 345 345 345
4x1 2x2.5 3x4 8x1 4x1
D04
Scald
Sc
2 KCh
2 Bloc.
2 Alim.
2 Lib.
m m
160 160
4x1 8x1
DCF SID
Flex Flex
Ta Flex C.T. Scatole TM07/1 Flex Ts
04
Flex
Posa semplice P80
flex C.T. 04
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 SID
2 Sc
2 Scald
2 Sc
m m m m m
160 160 160 160 160
4x1 4x1 3x4 8x1 4x1
D02
2 Scald
2 Sc
2 KCh
2 Bloc.
2 Alim.
2 Lib.
m m
250 250
4x1 8x1
DCF SID
Flex Flex
Ta Flex C.T. Scatole TM07/1 Flex Ts
02
Flex
Posa semplice P80
flex C.T. 02
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 SID
2 Sc
2 Scald
2 Sc
m m m m m
250 250 250 250 250
4x1 4x1 3x4 8x1 4x1
103 105 107 138 130 131 120 108 110 112 114 116 118 122 124 126 128 127 156 154 152 125 123 121 119 117 117 119 121 121R 123 123R 125 125R 132 113
m
1315 1365 1355 1190 1155 950 1005 950 975 955 915 945 945 935 860 820 825 555 440 440 440 285 285 305 315 950 360 390 390 495 490 595 490 595 490 400
8x1
1 CT ACS6
4 CT ACS6
AI PL ESISTENTI
LATO CASTELLUCCHIO
m
1135
8x1
4 CT ACS2b'
4 CT ACS2b
AI PL ESISTENTI
LATO ROMANORE
m m m
660 660 660
8x1 16x1 16x1
2 CT ACS2a'
4 CT ACS2a
AI PL ESISTENTI
LATO ROMANORE
m m
660 660
8x1 4x2.5
1 Cavo di Relazione tra le stazioni in FO
verso Mantova Frassine


C.S. 74
Sc
Sc
Sc
Sc
Sc
Sc
Sc
Sc
3x4 700 m
4x1 700 m
16X1 700 m
4X2.5 700 m
2X2,5 700 m
8x1 700 m
3X6 700 m
2X4 700 m
158
133
134
115
111
102
104
8x1 275 m
8x1 80 m
8x1 240 m
8x1 335 m
8x1 305 m
8x1 250 m
8x1 260 m
1 Cavo di Relazione tra le stazioni in FO
verso Romanore

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

CUP: J84H17000930009

U.O. TECNOLOGIE NORD

PROGETTO DEFINITIVO

RADDOPPIO LINEA CODOGNO - CREMONA - MANTOVA
TRATTA PIADENA - MANTOVA

ACC MANTOVA
PIANO CAVI IS - FASE 3

SCALA:
-

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
NM25	03	D	58	PX	AS1403	004	A

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione esecutiva	G.Bartoletti	04/2020	S.Artioli Artioli S.	04/2020	M. Berlingieri	04/2020	M.Gambaro 04/2020 GAMBARO MARIO n. 9052A

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