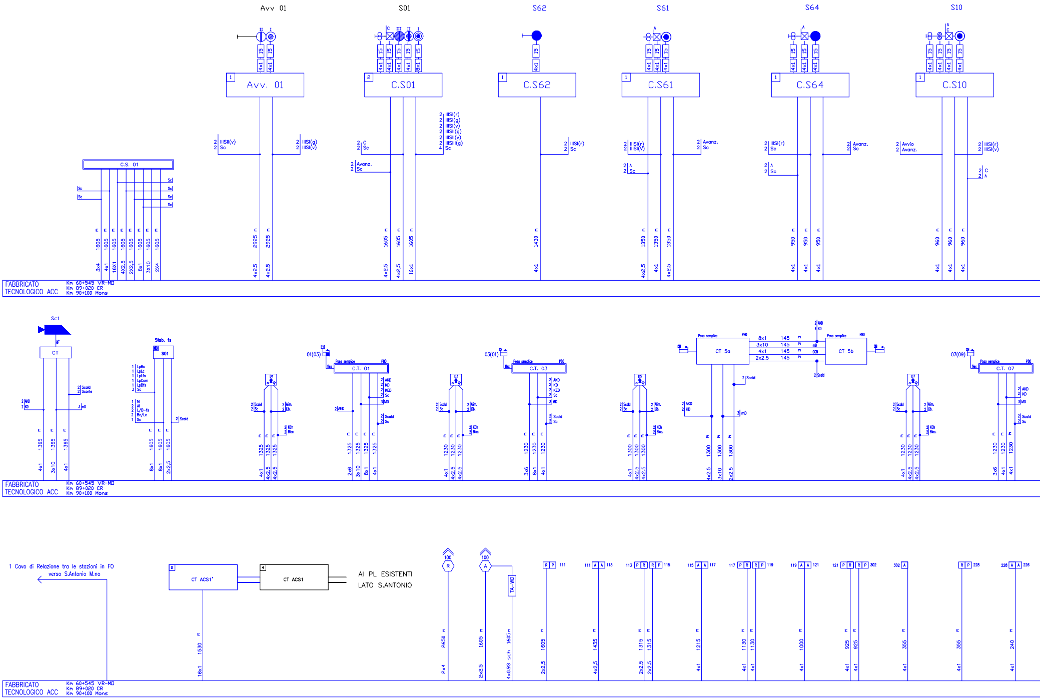
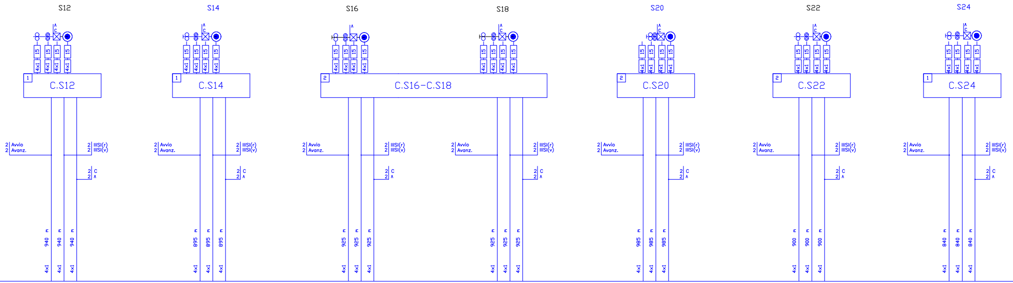
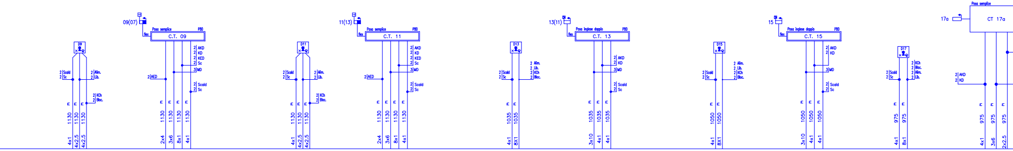
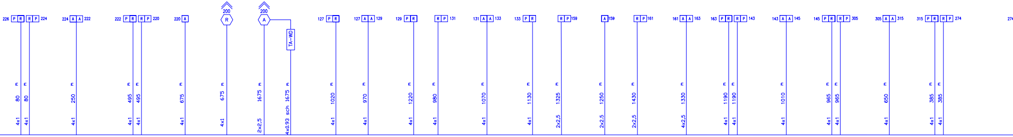
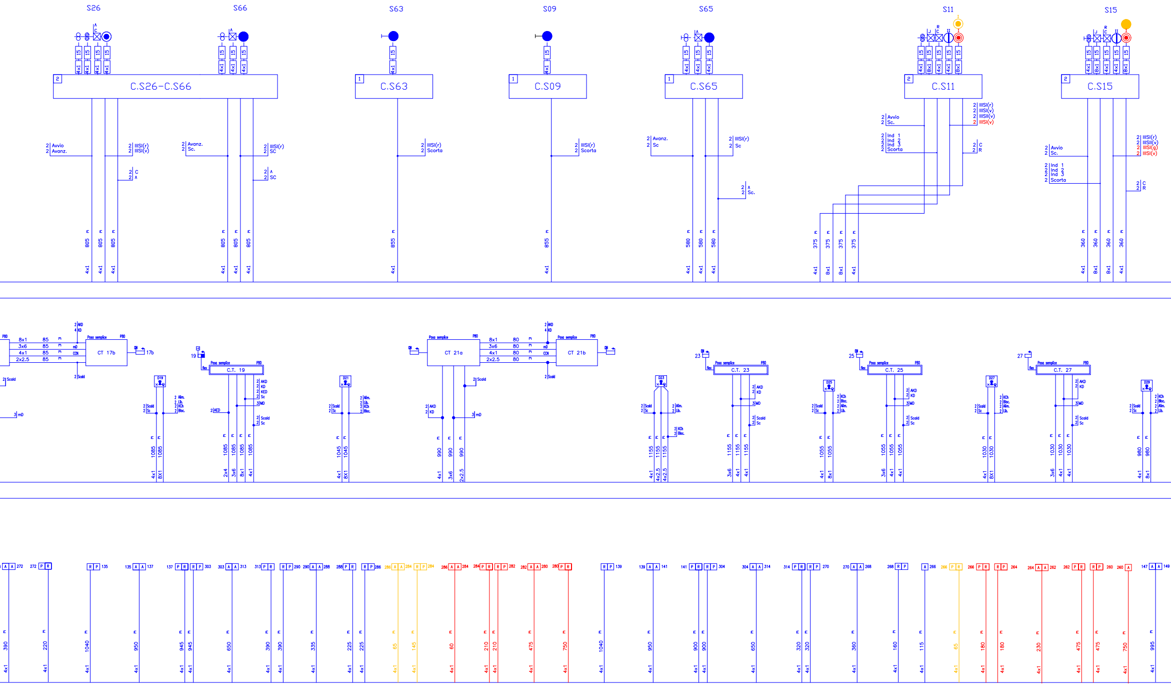
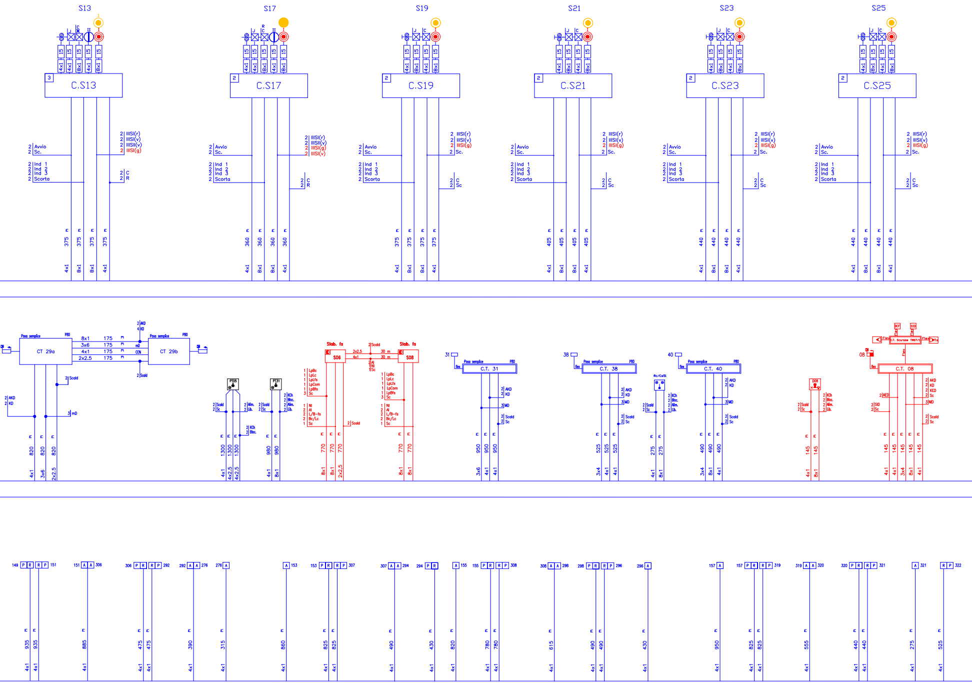

Avv 01
S01
S62
S61
S64
S10
Avv. 01
C.S01
C.S62
C.S61
C.S64
C.S10
C.S. 01
Sc
2 IIISII(v)
2 Sc
2 IIISI(g)
2 IIISI(v)
2 C
2 Sc
2 Avanz.
2 Sc
2 IIISI(r)
2 IIISI(g)
2 IIISI(v)
2 IIISII(g)
2 IIISI(v)
2 IIISIII(g)
4 Sc
2 IIISI(r)
2 Sc
2 IIISI(r)
2 IIISI(v)
2 Avanz.
2 Sc
2 Avvio
2 Avanz.
2 C
3x4
4x1
16X1
4X2.5
2X2.5
8x1
3X10
2X4
4x2.5
16x1
4x1
1605
2925
1430
1350
950
960
FABBRICATO TECNOLOGICO ACC
Km 60+545 VR-MD
Km 89+020 CR
Km 90+100 Mons
Sc1
CT
Stab. fs
S01
1 LpBc
1 LpLc
1 LpLfs
1 LpCom
1 LpBfs
3 Sc
1 Nl
2 Al
2 L/B-fs
2 Bc/Lc
1 Sc
2 Scald
2 Scorte
2 AKD
2 KD
3 mD
01(03)
03(01)
07(09)
Posa semplice
P80
C.T. 01
C.T. 03
C.T. 07
CT 5a
CT 5b
D1
D3
D5
D7
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 Alim.
2 Lib.
2 KCh
2 Bloc.
8x1 145 m
3x10 145 m
4x1 145 m
2x2.5 145 m
1365
1325
1230
1300
3x10
2x6
3x6
1 Cavo di Relazione tra le stazioni in FO
verso S.Antonio M.no
CT ACS1'
CT ACS1
AI PL ESISTENTI
LATO S.ANTONIO
100
R
A
TA-WD
R P 111
111 A A 113
113 P R R P 115
115 A A 117
117 P R R P 119
119 A A 121
121 P R R P 302
302 A
R P 228
228 A A 226
1530
2650
1605
1605 m
1435
1315
1215
1130
1000
925
355
240
2x4
2x2.5
4x0.93 sch
4x2.5
16x1

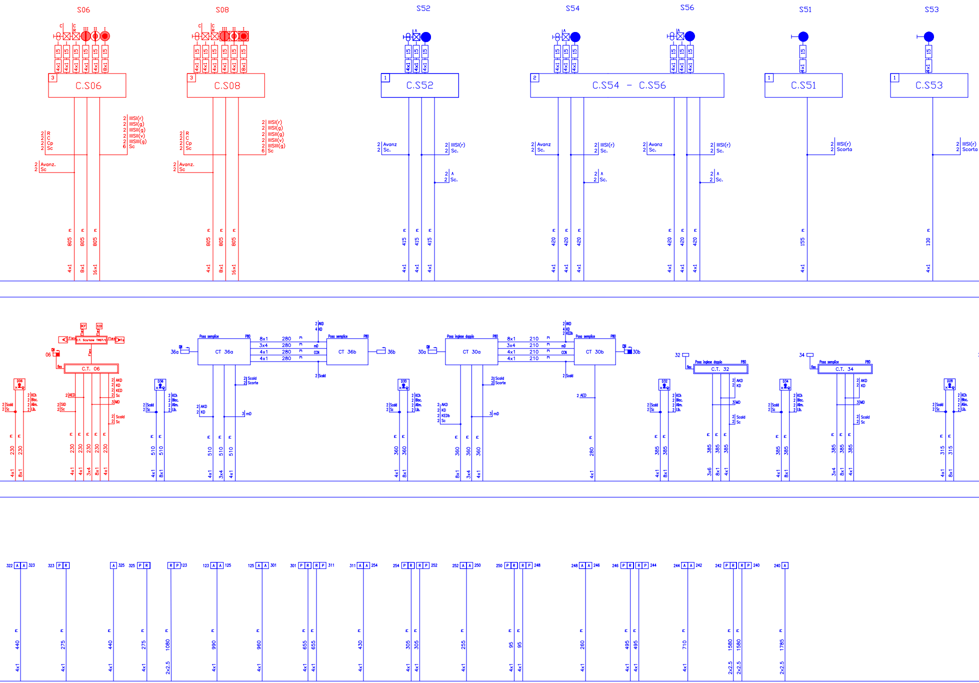

S12
15
4x1
1
C.S12
2 Avvio
2 Avanz.
2 IIISI(r)
2 IIISI(v)
2 C
2 ∧
m 940 4x1
m 940 4x1
m 940 4x1
S14
1
C.S14
m 895 4x1
m 895 4x1
m 895 4x1
S16
S18
2
C.S16-C.S18
m 925 4x1
m 925 4x1
m 925 4x1
m 925 4x1
m 925 4x1
m 925 4x1
S20
2
C.S20
m 985 4x1
m 985 4x1
m 985 4x1
S22
2
C.S22
m 900 4x1
m 900 4x1
m 900 4x1
S24
1
C.S24
m 840 4x1
m 840 4x1
m 840 4x1

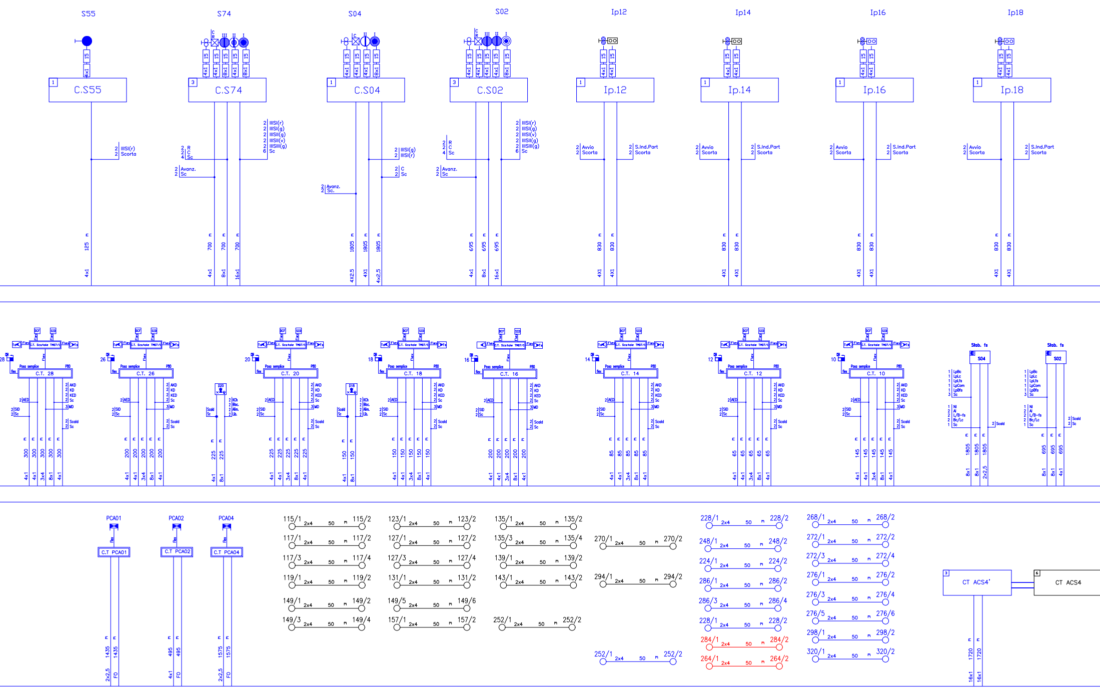

D9
2 Scald
2 Sc
2 Alim.
2 Lib.
2 KCh
2 Bloc.
m 1130 4x1
m 1130 4x2.5
m 1130 4x2.5
09(07)
flex
Posa semplice
P80
C.T. 09
2 AKD
2 KD
2 KED
2 Sc
3 MD
2 AED
2 Scald
2 Sc
m 1130 2x4
m 1130 3x6
m 1130 8x1
m 1130 4x1
D11
m 1130 4x1
m 1130 4x2.5
m 1130 4x2.5
11(13)
flex
Posa semplice
P80
C.T. 11
m 1130 2x4
m 1130 3x6
m 1130 8x1
m 1130 4x1
D13
2 Alim.
2 Lib.
2 KCh
2 Bloc.
m 1035 4x1
m 1035 8X1
13(11)
flex
Posa inglese doppio
P80
C.T. 13
m 1035 3x10
m 1035 4x1
m 1035 4x1
D15
m 1050 4x1
m 1050 8X1
15
flex
Posa inglese doppio
P80
C.T. 15
m 1050 3x10
m 1050 4x1
m 1050 4x1
D17
m 975 4x1
m 975 8x1
Posa semplice
17a
CT 17a
2 AKD
2 KD
m 975 4x1
m 975 3x6
m 975 2x2.5

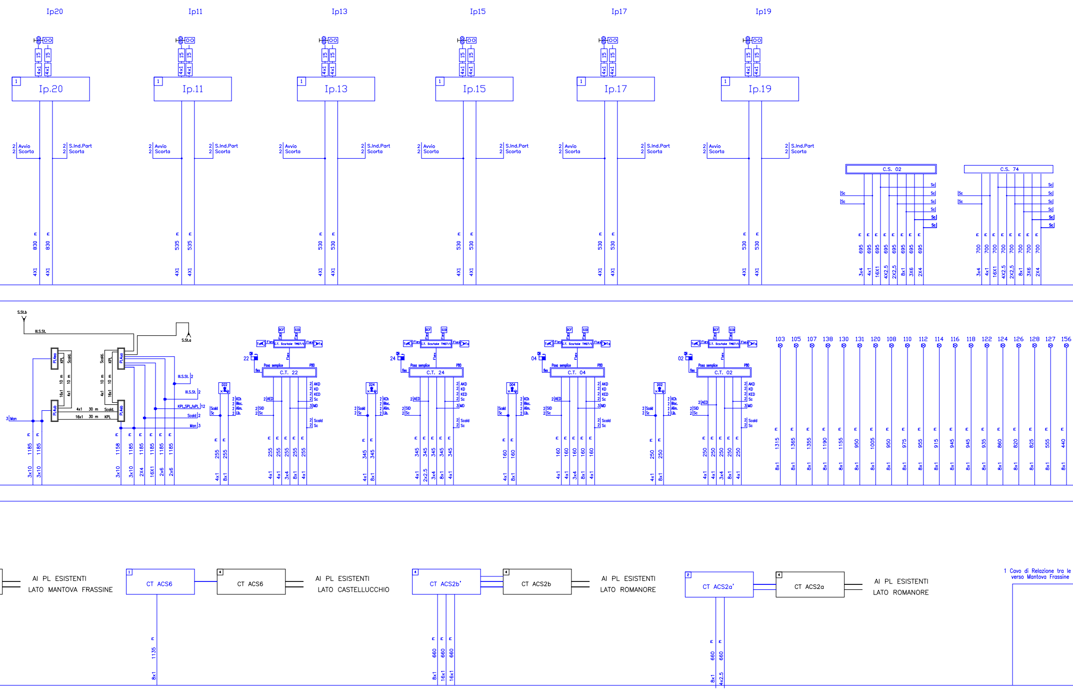

226 P R
R P 224
m 80 4x1
m 80 4x1
224 A A 222
m 250 4x1
222 P R
R P 220
m 495 4x1
m 495 4x1
220 A
m 675 4x1
200
R
m 675 4x1
200
A
TA-WD
m 1675 2x2,5
m 4x0.93 sch 1675
127 P R
m 1020 4x1
127 A A 129
m 970 4x1
129 P R
m 1220 4x1
R P 131
m 980 4x1
131 A A 133
m 1070 4x1
133 P R
m 1130 4x1
R P 159
m 1325 2x2,5
A 159
m 1250 2x2,5
R P 161
m 1430 2x2,5
161 A A 163
m 1330 4x2,5
163 P R
R P 143
m 1190 4x1
m 1190 4x1
143 A A 145
m 1010 4x1
145 P R
R P 305
m 965 4x1
m 965 4x1
305 A A 315
m 650 4x1
315 P R
R P 274
m 385 4x1
m 385 4x1
274


S26
S66
S63
S09
S65
S11
S15
C.S26-C.S66
C.S63
C.S09
C.S65
C.S11
C.S15
2 Avvio
2 Avanz.
2 IIISI(r)
2 IIISI(v)
2 C
2 A
2 Avanz.
2 Sc.
2 IIISI(r)
2 SC
2 A
2 SC
2 IIISI(r)
2 Scorta
2 IIISI(r)
2 Scorta
2 Avanz.
2 Sc
2 IIISI(r)
2 Sc
2 A
2 Sc.
2 Avvio
2 Sc.
2 Ind 1
2 Ind 2
2 Ind 3
2 Scorta
2 IIISI(r)
2 IIISI(v)
2 IIISI(r)
2 IIISI(v)
2 C
2 R
2 Avvio
2 Sc.
2 Ind 1
2 Ind 2
2 Ind 3
2 Scorta
2 IIISI(r)
2 IIISI(v)
2 IIISI(g)
2 IIISI(v)
2 C
2 R
805
855
580
375
360
4x1
8x1
15
CT 17b
CT 21a
CT 21b
C.T. 19
C.T. 23
C.T. 25
C.T. 27
17b
19
23
25
27
D19
D21
D23
D25
D27
D29
Posa semplice
P80
flex
8x1
3x6
4x1
2x2.5
85
80
AKD
KD
MD
mD
CCN
Scald
Sc
AED
KED
Alim.
Lib.
KCh
Bloc.
1085
1045
990
1155
1055
1030
980
2x4
3x6
4x2.5
2x2.5
272
135
137
303
313
290
288
286
284
282
280
139
141
304
314
270
268
266
264
262
260
147
149
390
220
1040
950
945
650
335
225
65
145
60
210
475
750
900
320
360
160
115
180
230
995
A
P
R

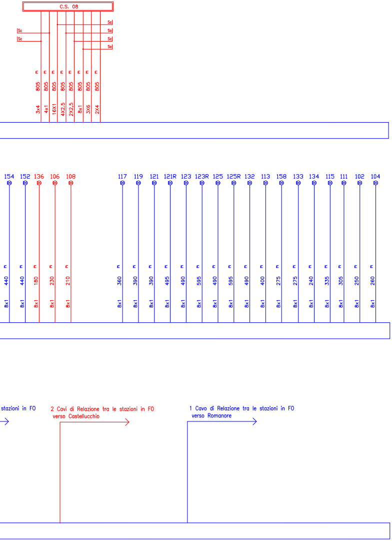

S13
S17
S19
S21
S23
S25
C.S13
C.S17
C.S19
C.S21
C.S23
C.S25
2 Avvio
2 Sc.
2 Ind 1
2 Ind 2
2 Ind 3
2 Scorta
2 IIISI(r)
2 IIISI(v)
2 IIISII(v)
2 IIISI(g)
2 C
2 R
2 Sc
375
360
405
440
4x1
8x1
15
CT 29a
CT 29b
Posa semplice
P80
8x1 175 m
3x6 175 m
4x1 175 m
2x2.5 175 m
2 AKD
2 KD
2 Scald
3 mD
820
3x6
2x2.5
PT05
PT31
2 Alim.
2 Lib.
2 KCh
2 Bloc.
1300
4x2.5
980
Stab. fs
S06
S08
2x2.5
4x1
30 m
1 LpBc
1 LpLc
1 LpLfs
1 LpCom
1 LpBfs
3 Sc
1 NI
1 AI
2 L/B-fs
2 Bc/Lc
1 Sc
770
C.T. 31
C.T. 38
C.T. 40
C.T. 08
flex
3 MD
950
525
275
490
3x4
Rc/Cs51
D08
2 AED
2 KED
2 SID
145
C.T. Scale TM07
149 P R R P 151
151 A A 306
306 P R R P 292
292 A A 276
276 A
A 153
153 P R R P 307
307 A A 294
294 P R
A 155
155 P R R P 308
308 A A 298
298 P R R P 296
296 A
157 A
157 P R R P 319
319 A A 320
320 P R R P 321
A 321
R P 322
935
885
475
390
315
860
825
490
430
820
780
615
950
555
440
275
525


S06
S08
S52
S54
S56
S51
S53
C.S06
C.S08
C.S52
C.S54 - C.S56
C.S51
C.S53
2 R
2 C
2 Cp
2 Sc
2 Avanz.
2 Sc
2 IIISI(r)
2 IIISI(g)
2 IIISII(g)
2 IIISI(v)
2 IIISII(g)
6 Sc
2 Avanz
2 Sc.
2 IIISI(r)
2 Sc.
2 Scorta
805
415
420
155
130
4x1
8x1
16x1
CT 36a
CT 36b
CT 30a
CT 30b
C.T. 06
C.T. 32
C.T. 34
C.T. Scatole TM07/I
Posa semplice
Posa inglese doppio
P80
8x1 280
3x4 280
4x1 280
4x1 280
8x1 210
3x4 210
4x1 210
4x1 210
36a
36b
30a
30b
06
32
34
D06
D36
D30
D32
D34
D28
2 AKD
4 KD
2 KEDb
2 Scald
2 Scorte
3 mD
2 AED
2 SID
3 MD
2 KCh
2 Bloc.
2 Alim.
2 Lib.
flex
230
510
360
280
385
315
3x4
3x6
322 A A 323
323 P R
A 325
325 P R
R P 123
123 A A 125
125 A A 301
301 P R R P 311
311 A A 254
254 P R R P 252
252 A A 250
250 P R R P 248
248 A A 246
246 P R R P 244
244 A A 242
242 P R R P 240
240 A
440
275
1080
990
960
655
430
305
255
95
260
495
710
1580
1785
2x2.5


S55
S74
S04
S02
Ip12
Ip14
Ip16
Ip18
C.S55
C.S74
C.S04
C.S02
Ip.12
Ip.14
Ip.16
Ip.18
IIISI(r)
Scorta
R
C
Sc
Avanz.
IIISI(g)
IIISII(g)
IIISI(v)
IIISIII(g)
Avvio
S.Ind.Part
125
700
1805
695
830
4x1
8x1
16x1
4x2,5
C.T. 28
C.T. 26
C.T. 20
C.T. 18
C.T. 16
C.T. 14
C.T. 12
C.T. 10
Posa semplice
C.T. Scatole TM07/1
flex
AKD
KD
KED
MD
AED
SID
Scald
D20
D18
KCh
Bloc.
Alim.
Lib.
Stab. fs
LpBc
LpLc
LpLfs
LpCom
LpBfs
NI
AI
L/B-fs
Bc/Lc
300
200
225
150
85
65
145
3x4
2x2,5
PCA01
PCA02
PCA04
C.T PCA01
C.T PCA02
C.T PCA04
1435
495
1575
FO
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
270/1 2x4 50 m 270/2
294/1 2x4 50 m 294/2
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
284/1 2x4 50 m 284/2
264/1 2x4 50 m 264/2
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
CT ACS4'
CT ACS4
1720



Ip20
Ip11
Ip13
Ip15
Ip17
Ip19
Ip.20
Ip.11
Ip.13
Ip.15
Ip.17
Ip.19
Avvio
Scorta
S.Ind.Part
Scorta
830
535
530
4X1
C.S. 02
C.S. 74
695
700
3x4
4x1
16X1
4X2.5
2X2.5
8x1
3X6
2X4
Sc
S.St.b
S.St.a
III.S.St.
Man
KPL_SPL_faPL
Scald
Man
1185
1158
3x10
2X4
16X1
2x6
C.T. 22
C.T. 24
C.T. 04
C.T. 02
D22
D24
D04
D02
AKD
KD
KED
Sc
MD
AED
SID
Scald
KCh
Bloc.
Alim.
Lib.
Posa semplice
PBO
DCF
SID
Flex
255
345
160
250
4x1
8x1
3x4
2x2.5
103
105
107
138
130
131
120
108
110
112
114
116
118
122
124
126
128
127
156
1315
1365
1355
1190
1155
950
1005
975
955
915
945
935
860
820
825
555
440
AI PL ESISTENTI
LATO MANTOVA FRASSINE
CT ACS6
CT ACS6
AI PL ESISTENTI
LATO CASTELLUCCHIO
CT ACS2b'
CT ACS2b
AI PL ESISTENTI
LATO ROMANORE
CT ACS2a'
CT ACS2a
AI PL ESISTENTI
LATO ROMANORE
1 Cavo di Relazione tra le
verso Mantova Frassine
1135
660
16x1
4x2.5


C.S. 08
Sc
Sc
Sc
Sc
Sc
Sc
3x4 805 m
4x1 805 m
16X1 805 m
4X2,5 805 m
2X2,5 805 m
8x1 805 m
3X6 805 m
2X4 805 m
154 8x1 440 m
152 8x1 440 m
136 8x1 180 m
106 8x1 230 m
108 8x1 210 m
117 8x1 360 m
119 8x1 390 m
121 8x1 390 m
121R 8x1 495 m
123 8x1 490 m
123R 8x1 595 m
125 8x1 490 m
125R 8x1 595 m
132 8x1 490 m
113 8x1 400 m
158 8x1 275 m
133 8x1 275 m
134 8x1 240 m
115 8x1 335 m
111 8x1 305 m
102 8x1 250 m
104 8x1 260 m
stazioni in FO
2 Cavi di Relazione tra le stazioni in FO verso Castellucchio
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 4

SCALA:
-

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
NM25	03	D	58	PX	AS1403	005	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 Ordine Ingegneri Provincia di Genova n. 9052A GAMBARO MARIO

File: NM2503D58PXAS1403005A.dwg

n. Elab.: