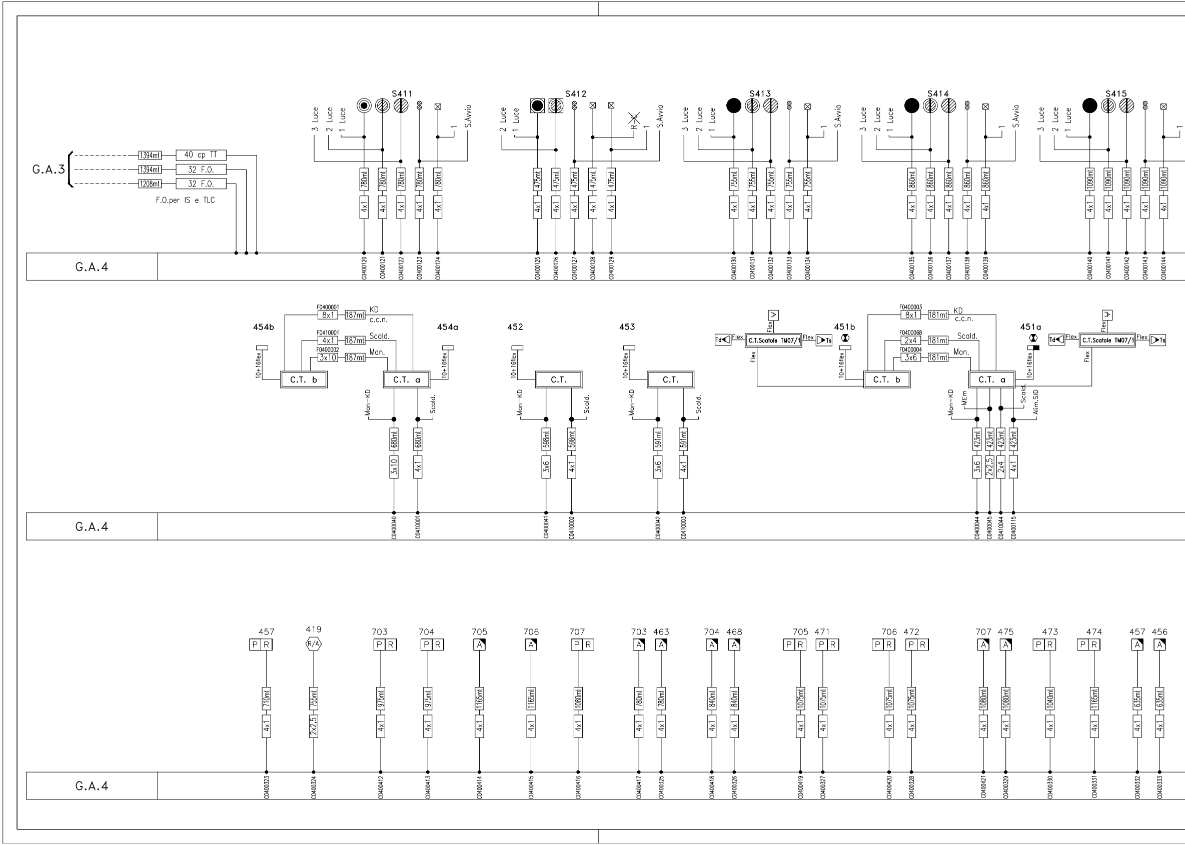
G.A.3
1394mt
40 cp TT
1394mt
32 F.O.
1208mt
32 F.O.
F.O.per IS e TLC
S411
3 Luce
2 Luce
1 Luce
1
S.Avvio
780mt
4x1
S412
2 Luce
1 Luce
R
1
S.Avvio
475mt
4x1
S413
3 Luce
2 Luce
1 Luce
1
S.Avvio
755mt
4x1
S414
3 Luce
2 Luce
1 Luce
1
S.Avvio
860mt
4x1
S415
3 Luce
2 Luce
1 Luce
1
1090mt
4x1
G.A.4
C0400120
C0400121
C0400122
C0400123
C0400124
C0400125
C0400126
C0400127
C0400128
C0400129
C0400130
C0400131
C0400132
C0400133
C0400134
C0400135
C0400136
C0400137
C0400138
C0400139
C0400140
C0400141
C0400142
C0400143
C0400144
454b
454a
452
453
F0400001
8x1
187mt
KD
c.c.n.
F0410001
4x1
187mt
Scald.
F0400002
3x10
187mt
Man.
10+16flex
C.T. b
C.T. a
C.T.
Man-KD
Scald.
680mt
3x10
4x1
598mt
3x6
591mt
Td
Flex
C.T.Scatole TM07/1
Ts
451b
451a
F0400003
8x1
181mt
KD
c.c.n.
F0400068
2x4
181mt
Scald.
F0400004
3x6
181mt
Man.
MEm
Alim.SID
423mt
3x6
2x2,5
2x4
4x1
G.A.4
C0400040
C0410001
C0400041
C0410002
C0400042
C0410003
C0400044
C0400045
C0410044
C0400115
457
419
R/A
703
704
705
706
707
703
463
704
468
705
471
706
472
707
475
473
474
457
456
P R
A
710mt
755mt
2x2,5
975mt
1165mt
1080mt
780mt
840mt
1075mt
1040mt
635mt
4x1
G.A.4
C0400323
C0400324
C0400412
C0400413
C0400414
C0400415
C0400416
C0400417
C0400325
C0400418
C0400326
C0400419
C0400327
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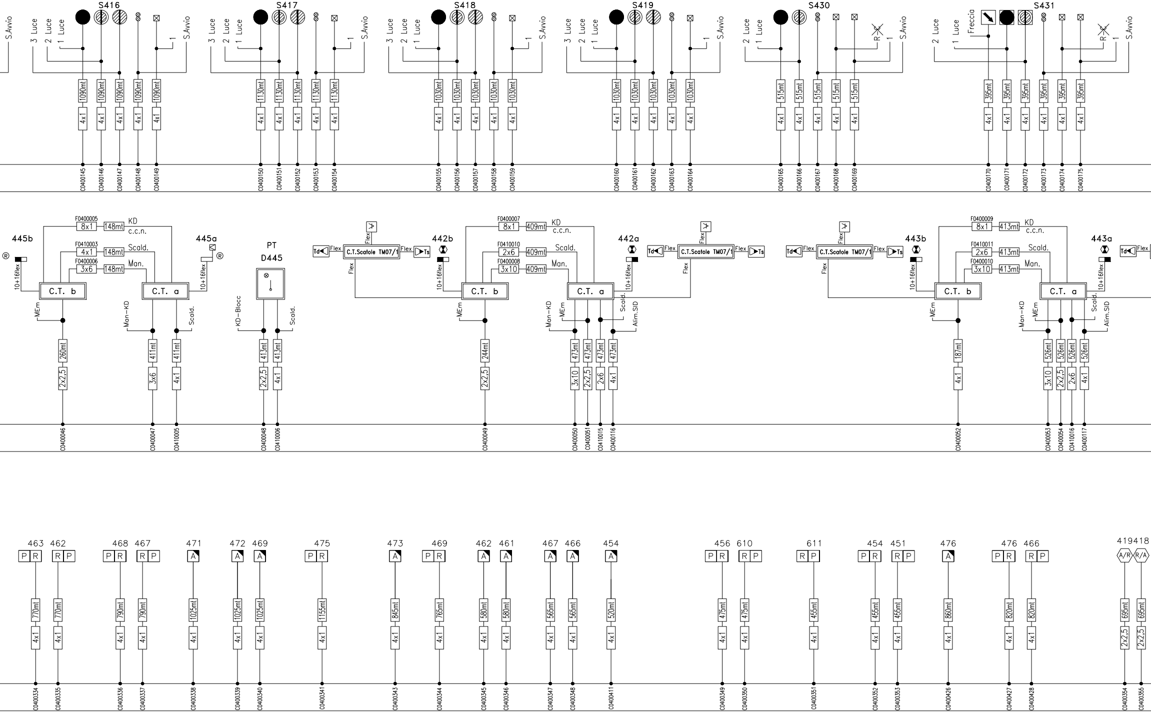
C0400328
C0400421
C0400329
C0400330
C0400331
C0400332
C0400333


S416
S417
S418
S419
S430
S431
3 Luce
2 Luce
1 Luce
S.Avvio
Freccia
R
1
1090mt
1130mt
1030mt
515mt
395mt
4x1
C0400145
C0400146
C0400147
C0400148
C0400149
C0400150
C0400151
C0400152
C0400153
C0400154
C0400155
C0400156
C0400157
C0400158
C0400159
C0400160
C0400161
C0400162
C0400163
C0400164
C0400165
C0400166
C0400167
C0400168
C0400169
C0400170
C0400171
C0400172
C0400173
C0400174
C0400175
445b
445a
PT
D445
442b
442a
443b
443a
C.T. b
C.T. a
C.T.Scatole TM07/1
Td
Ts
Flex
10+16flex
KD
c.c.n.
Scald.
Man.
MEm
Man-KD
KD-Blocc
Alim.SID
F0400005
F0410003
F0400006
F0400007
F0410010
F0400008
F0400009
F0410011
F0400010
8x1
4x1
3x6
2x6
3x10
148mt
409mt
413mt
260mt
411mt
244mt
473mt
187mt
526mt
2x2,5
C0400046
C0400047
C0410005
C0400048
C0410006
C0400049
C0400050
C0400051
C0410015
C0400116
C0400052
C0400053
C0400054
C0410016
C0400117
463
462
468
467
471
472
469
475
473
469
462
461
467
466
454
456
610
611
454
451
476
476
466
419418
P
R
A
A/R
R/A
770mt
790mt
1025mt
1155mt
845mt
765mt
580mt
565mt
520mt
475mt
455mt
860mt
820mt
695mt
C0400334
C0400335
C0400336
C0400337
C0400338
C0400339
C0400340
C0400341
C0400343
C0400344
C0400345
C0400346
C0400347
C0400348
C0400411
C0400349
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C0400426
C0400427
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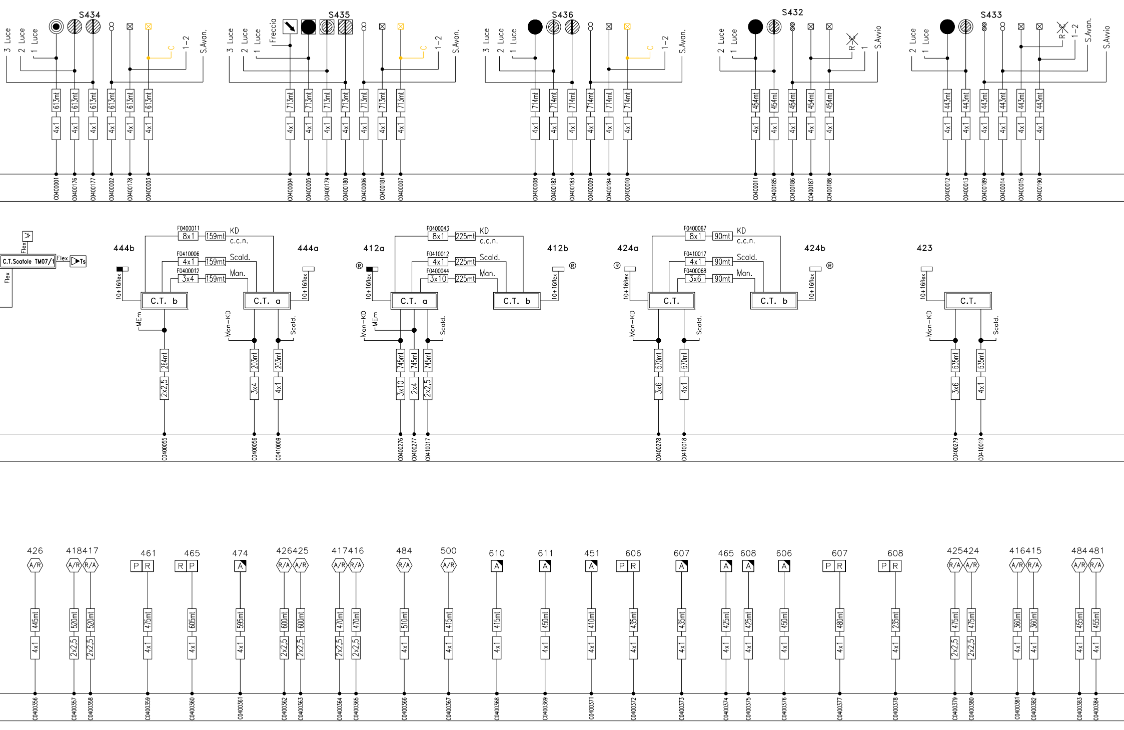
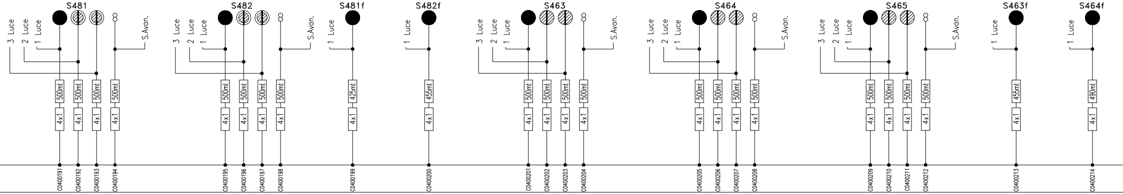
C0400354
C0400355


S434
3 Luce
2 Luce
1 Luce
C
1-2
S.Avan.
613mt
4x1
C0400001
C0400176
C0400177
C0400002
C0400178
C0400003
S435
3 Luce
2 Luce
1 Luce
Freccia
C
1-2
S.Avan.
713mt
4x1
C0400004
C0400005
C0400179
C0400180
C0400006
C0400181
C0400007
S436
3 Luce
2 Luce
1 Luce
C
1-2
S.Avan.
714mt
4x1
C0400008
C0400182
C0400183
C0400009
C0400184
C0400010
S432
2 Luce
1 Luce
R
1
S.Avvio
454mt
4x1
C0400011
C0400185
C0400186
C0400187
C0400188
S433
2 Luce
1 Luce
R
1-2
S.Avan.
S.Avvio
443mt
4x1
C0400012
C0400013
C0400189
C0400014
C0400015
C0400190
Flex
C.T.Scatole TM07/1
Flex
Ts
Flex
444b
444a
F0400011 8x1 159mt KD c.c.n.
F0410006 4x1 159mt Scald.
F0400012 3x4 159mt Man.
10+16flex
C.T. b
C.T. a
MEm
Man-KD
Scald.
264mt 2x2,5
203mt 3x4
203mt 4x1
C0400055
C0400056
C0410009
412a
412b
F0400043 8x1 225mt KD c.c.n.
F0410012 4x1 225mt Scald.
F0400044 3x10 225mt Man.
®
10+16flex
C.T. a
C.T. b
Man-KD
MEm
Scald.
745mt 3x10
745mt 2x4
745mt 2x2,5
C0400276
C0400277
C0410017
424a
424b
F0400067 8x1 90mt KD c.c.n.
F0410017 4x1 90mt Scald.
F0400068 3x6 90mt Man.
®
10+16flex
C.T.
C.T. b
Man-KD
Scald.
570mt 3x6
570mt 4x1
C0400278
C0410018
423
10+16flex
C.T.
Man-KD
Scald.
535mt 3x6
535mt 4x1
C0400279
C0410019
426 A/R 445mt 4x1 C0400356
418 A/R 520mt 2x2,5 C0400357
417 R/A 520mt 2x2,5 C0400358
461 P R 475mt 4x1 C0400359
465 R P 605mt 4x1 C0400360
474 A 595mt 4x1 C0400361
426 R/A 600mt 2x2,5 C0400362
425 A/R 600mt 2x2,5 C0400363
417 A/R 470mt 2x2,5 C0400364
416 R/A 470mt 2x2,5 C0400365
484 R/A 510mt 4x1 C0400366
500 A/R 415mt 4x1 C0400367
610 A 415mt 4x1 C0400368
611 A 450mt 4x1 C0400369
451 A 410mt 4x1 C0400371
606 P R 435mt 4x1 C0400372
607 A 435mt 4x1 C0400373
465 A 425mt 4x1 C0400374
608 A 425mt 4x1 C0400375
606 A 450mt 4x1 C0400376
607 P R 480mt 4x1 C0400377
608 P R 235mt 4x1 C0400378
425 R/A 475mt 2x2,5 C0400379
424 A/R 475mt 2x2,5 C0400380
416 A/R 360mt 4x1 C0400381
415 R/A 360mt 4x1 C0400382
484 A/R 455mt 4x1 C0400383
481 R/A 455mt 4x1 C0400384


S481
S482
S481f
S482f
S463
S464
S465
S463f
S464f
3 Luce
2 Luce
1 Luce
S.Avan.
500mt
425mt
455mt
490mt
4x1
C0400191
C0400192
C0400193
C0400194
C0400195
C0400196
C0400197
C0400198
C0400199
C0400200
C0400201
C0400202
C0400203
C0400204
C0400205
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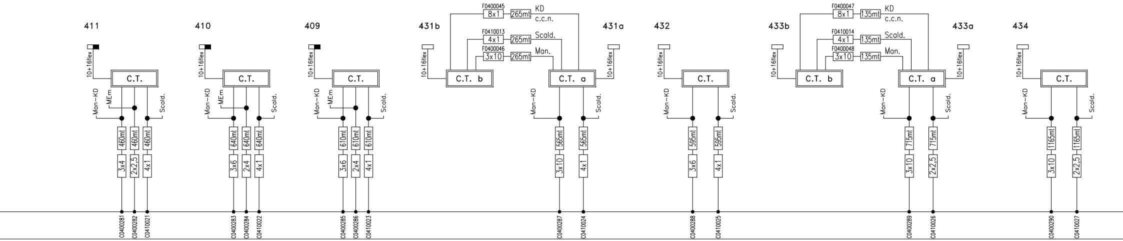
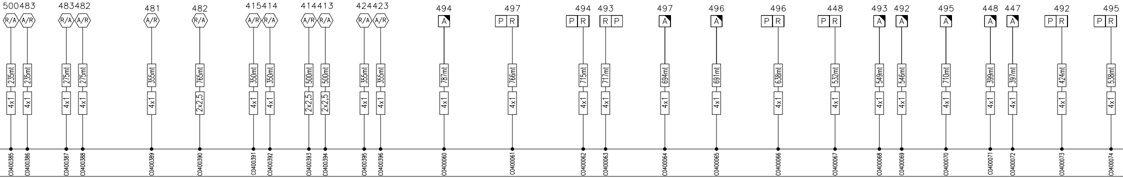
C0400212
C0400213
C0400214


411
410
409
431b
431a
432
433b
433a
434
10+16flex
C.T.
C.T. b
C.T. a
F0400045
8x1
265mt
KD
c.c.n.
F0410013
4x1
Scald.
F0400046
3x10
Man.
F0400047
135mt
F0410014
F0400048
Man-KD
MEm
Scald.
460mt
640mt
610mt
565mt
595mt
715mt
1165mt
3x4
2x2,5
3x6
2x4
4x1
3x10
C0400281
C0400282
C0410021
C0400283
C0400284
C0410022
C0400285
C0400286
C0410023
C0400287
C0410024
C0400288
C0410025
C0400289
C0410026
C0400290
C0410027


500
483
483
482
481
482
415
414
414
413
424
423
494
497
494
493
497
496
496
448
493
492
495
448
447
492
495
R/A
A/R
A
P
R
235mt
275mt
355mt
765mt
350mt
500mt
355mt
787mt
766mt
715mt
717mt
694mt
691mt
638mt
532mt
549mt
546mt
710mt
399mt
397mt
424mt
538mt
4x1
2x2,5
C0400385
C0400386
C0400387
C0400388
C0400389
C0400390
C0400391
C0400392
C0400393
C0400394
C0400395
C0400396
C0400060
C0400061
C0400062
C0400063
C0400064
C0400065
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C0400067
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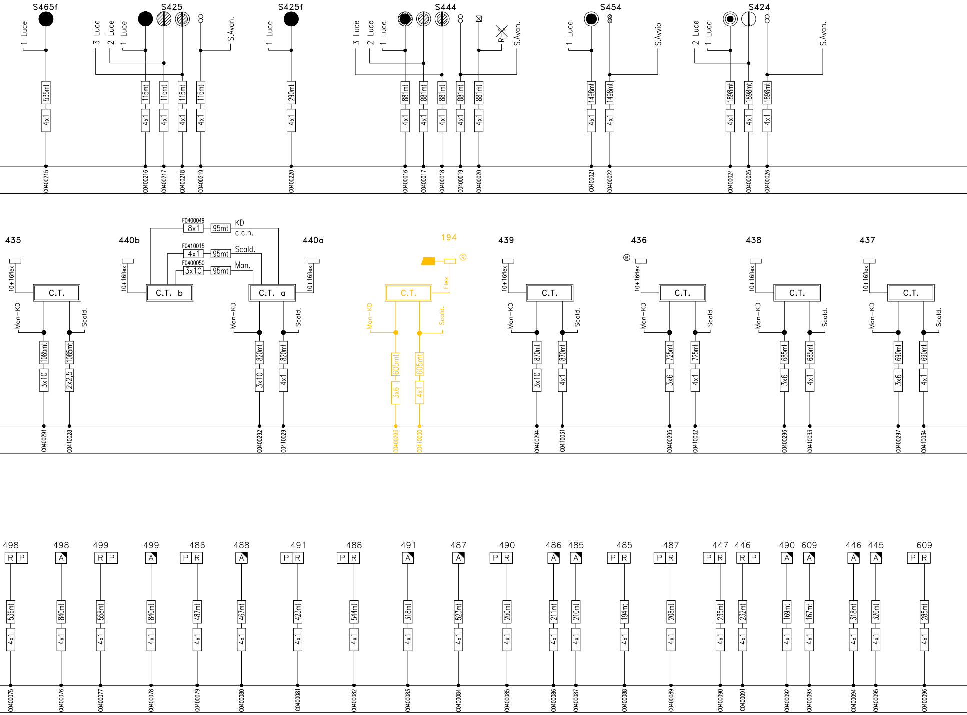
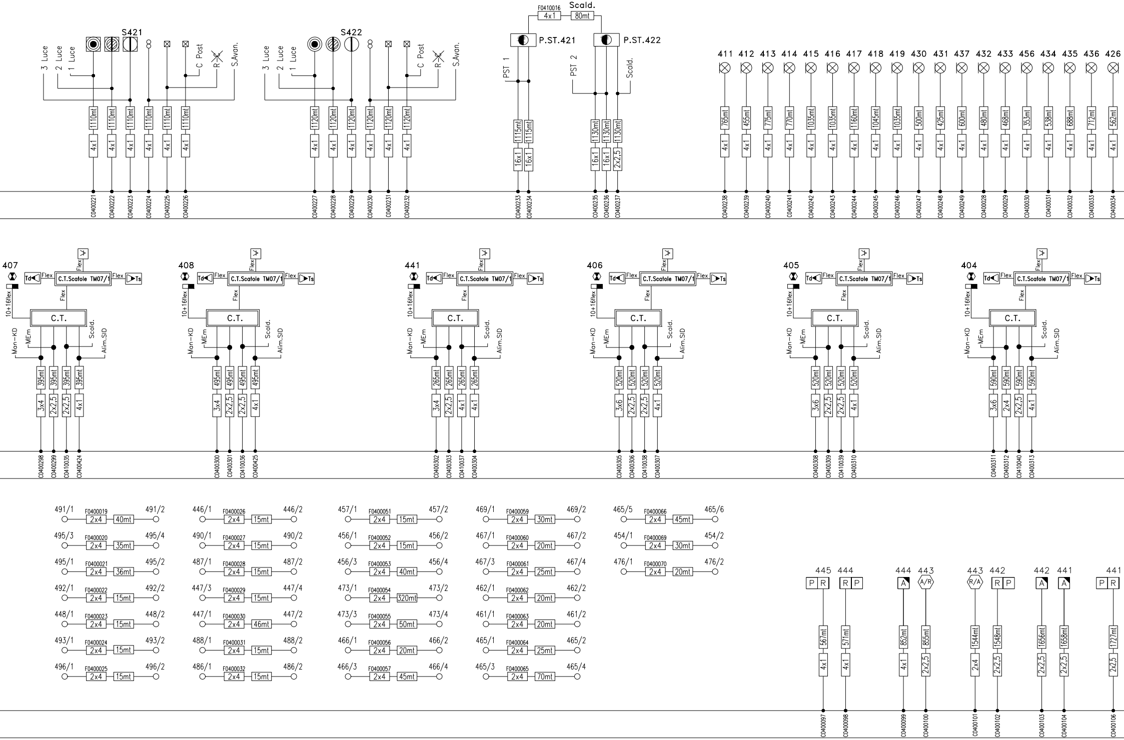
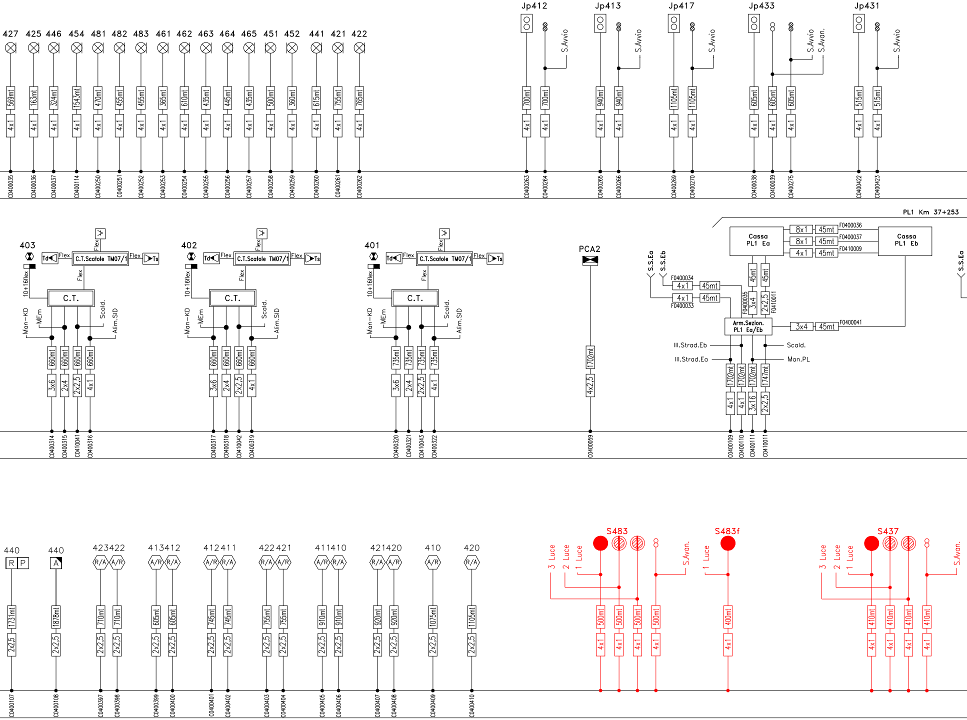
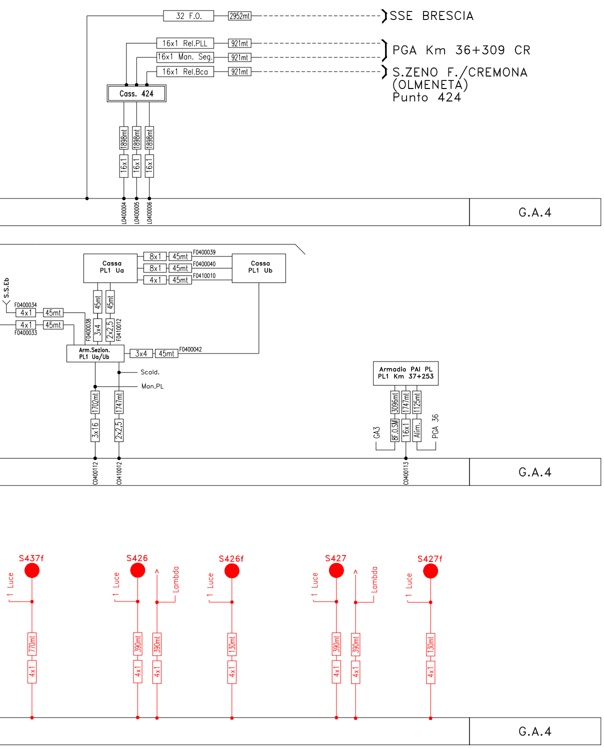
C0400072
C0400073
C0400074


S465f
1 Luce
535mt
4x1
C0400215
S425
3 Luce
2 Luce
1 Luce
S.Avan.
115mt
4x1
C0400216
C0400217
C0400218
C0400219
S425f
1 Luce
290mt
4x1
C0400220
S444
3 Luce
2 Luce
1 Luce
R
S.Avan.
881mt
4x1
C0400016
C0400017
C0400018
C0400019
C0400020
S454
1 Luce
S.Avvio
1498mt
4x1
C0400021
C0400022
S424
2 Luce
1 Luce
S.Avan.
1898mt
4x1
C0400024
C0400025
C0400026
435
10+16flex
C.T.
Man-KD
Scald.
1085mt
3x10
2x2,5
C0400291
C0410028
440b
10+16flex
C.T. b
F0400049
8x1
95mt
KD
c.c.n.
F0410015
4x1
95mt
Scald.
F0400050
3x10
95mt
Man.
440a
C.T. a
10+16flex
Man-KD
Scald.
820mt
3x10
4x1
C0400292
C0410029
194
®
Flex
C.T.
Man-KD
Scald.
605mt
3x6
4x1
C0400293
C0410030
439
10+16flex
C.T.
Man-KD
Scald.
870mt
3x10
4x1
C0400294
C0410031
436
®
10+16flex
C.T.
Man-KD
Scald.
725mt
3x6
4x1
C0400295
C0410032
438
10+16flex
C.T.
Man-KD
Scald.
685mt
3x6
4x1
C0400296
C0410033
437
10+16flex
C.T.
Man-KD
Scald.
690mt
3x6
4x1
C0400297
C0410034
498
R P
536mt
4x1
C0400075
498
A
840mt
4x1
C0400076
499
R P
558mt
4x1
C0400077
499
A
840mt
4x1
C0400078
486
P R
487mt
4x1
C0400079
488
A
467mt
4x1
C0400080
491
P R
423mt
4x1
C0400081
488
P R
544mt
4x1
C0400082
491
A
318mt
4x1
C0400083
487
A
523mt
4x1
C0400084
490
P R
250mt
4x1
C0400085
486
A
211mt
4x1
C0400086
485
A
210mt
4x1
C0400087
485
P R
194mt
4x1
C0400088
487
P R
208mt
4x1
C0400089
447
P R
235mt
4x1
C0400090
446
R P
232mt
4x1
C0400091
490
A
169mt
4x1
C0400092
609
A
167mt
4x1
C0400093
446
A
318mt
4x1
C0400094
445
A
320mt
4x1
C0400095
609
P R
285mt
4x1
C0400096


S421
3 Luce
2 Luce
1 Luce
C Post
R
S.Avan.
1110mt
4x1
C0400221
C0400222
C0400223
C0400224
C0400225
C0400226
S422
1120mt
C0400227
C0400228
C0400229
C0400230
C0400231
C0400232
F0410016
4x1
Scald.
80mt
P.ST.421
P.ST.422
PST 1
PST 2
1115mt
16x1
1130mt
2x2,5
C0400233
C0400234
C0400235
C0400236
C0400237
411
412
413
414
415
416
417
418
419
430
431
437
432
433
456
434
435
436
426
765mt
455mt
775mt
770mt
1035mt
1160mt
1045mt
500mt
425mt
600mt
480mt
468mt
353mt
538mt
688mt
712mt
562mt
C0400238
C0400239
C0400240
C0400241
C0400242
C0400243
C0400244
C0400245
C0400246
C0400247
C0400248
C0400249
C0400028
C0400029
C0400030
C0400031
C0400032
C0400033
C0400034
407
408
441
406
405
404
Td
Flex
C.T.Scatole TM07/1
Ts
10+16flex
C.T.
Man-KD
MEm
Scald.
Alim.SID
395mt
3x4
2x2,5
4x1
C0400298
C0400299
C0410035
C0400424
495mt
C0400300
C0400301
C0410036
C0400425
265mt
C0400302
C0400303
C0410037
C0400304
520mt
3x6
C0400305
C0400306
C0410038
C0400307
C0400308
C0400309
C0410039
C0400310
590mt
2x4
C0400311
C0400312
C0410040
C0400313
491/1 F0400019 2x4 40mt 491/2
495/3 F0400020 2x4 35mt 495/4
495/1 F0400021 2x4 36mt 495/2
492/1 F0400022 2x4 15mt 492/2
448/1 F0400023 2x4 15mt 448/2
493/1 F0400024 2x4 15mt 493/2
496/1 F0400025 2x4 15mt 496/2
446/1 F0400026 2x4 15mt 446/2
490/1 F0400027 2x4 15mt 490/2
487/1 F0400028 2x4 15mt 487/2
447/3 F0400029 2x4 15mt 447/4
447/1 F0400030 2x4 46mt 447/2
488/1 F0400031 2x4 15mt 488/2
486/1 F0400032 2x4 15mt 486/2
457/1 F0400051 2x4 15mt 457/2
456/1 F0400052 2x4 15mt 456/2
456/3 F0400053 2x4 40mt 456/4
473/1 F0400054 2x4 320mt 473/2
473/3 F0400055 2x4 50mt 473/4
466/1 F0400056 2x4 20mt 466/2
466/3 F0400057 2x4 45mt 466/4
469/1 F0400059 2x4 30mt 469/2
467/1 F0400060 2x4 20mt 467/2
467/3 F0400061 2x4 25mt 467/4
462/1 F0400062 2x4 20mt 462/2
461/1 F0400063 2x4 20mt 461/2
465/1 F0400064 2x4 25mt 465/2
465/3 F0400065 2x4 70mt 465/4
465/5 F0400066 2x4 45mt 465/6
454/1 F0400069 2x4 30mt 454/2
476/1 F0400070 2x4 20mt 476/2
445
444
443
442
441
P R
R P
A
A/R
R/A
567mt
571mt
852mt
855mt
1544mt
1548mt
1656mt
1658mt
1727mt
C0400097
C0400098
C0400099
C0400100
C0400101
C0400102
C0400103
C0400104
C0400106


427 425 446 454 481 482 483 461 462 463 464 465 451 452 441 421 422
569ml 163ml 324ml 1543ml 470ml 455ml 455ml 365ml 610ml 435ml 445ml 435ml 500ml 360ml 615ml 755ml 765ml
4x1
C0400035 C0400036 C0400037 C0400114 C0400250 C0400251 C0400252 C0400253 C0400254 C0400255 C0400256 C0400257 C0400258 C0400259 C0400260 C0400261 C0400262
Jp412
S.Avvio
700ml 700ml
C0400263 C0400264
Jp413
S.Avvio
940ml 940ml
C0400265 C0400266
Jp417
S.Avvio
1105ml 1105ml
C0400269 C0400270
Jp433
S.Avvio
S.Avan.
605ml 605ml 605ml
C0400038 C0400039 C0400275
Jp431
S.Avvio
515ml 515ml
C0400422 C0400423
403
402
401
Td
Flex
C.T.Scatole TM07/1
Ts
V
10+16flex
C.T.
Man-KD
MEm
Scald.
Alim.SID
660ml 660ml 660ml 660ml
3x6 2x4 2x2,5 4x1
C0400314 C0400315 C0410041 C0400316
660ml 660ml 660ml 660ml
3x6 2x4 2x2,5 4x1
C0400317 C0400318 C0410042 C0400319
735ml 735ml 735ml 735ml
3x6 2x4 2x2,5 4x1
C0400320 C0400321 C0410043 C0400322
PCA2
1702ml
4x2,5
C0400059
PL1 Km 37+253
Cassa PL1 Ea
Cassa PL1 Eb
8x1 45mt F0400036
8x1 45mt F0400037
4x1 45mt F0410009
S.S.Ea
S.S.Eb
F0400034 4x1 45mt
4x1 45mt F0400033
45mt 45mt
F0400035 3x4
2x2,5 F0410011
Arm.Sezion. PL1 Ea/Eb
3x4 45mt F0400041
Ill.Strad.Eb
Ill.Strad.Ea
Scald.
Man.PL
1702ml 1702ml 1702ml 1747ml
4x1 4x1 3x16 2x2,5
C0400109 C0400110 C0400111 C0410011
S.S.Ea
440
R P
1731ml
2x2,5
C0400107
440
A
1878ml
2x2,5
C0400108
423 422
A/R R/A
710ml 710ml
2x2,5
C0400397 C0400398
413 412
605ml 605ml
C0400399 C0400400
412 411
745ml 745ml
C0400401 C0400402
422 421
755ml 755ml
C0400403 C0400404
411 410
910ml 910ml
C0400405 C0400406
421 420
920ml 920ml
C0400407 C0400408
410
1075ml
C0400409
420
1105ml
C0400410
S483
3 Luce
2 Luce
1 Luce
S.Avan.
500ml 500ml 500ml 500ml
4x1
S483f
1 Luce
400ml
4x1
S437
3 Luce
2 Luce
1 Luce
S.Avan.
410ml 410ml 410ml 410ml
4x1


32 F.O.
2952mt
SSE BRESCIA
16x1 Rel.PLL
921mt
16x1 Man. Seg.
921mt
16x1 Rel.Bca
921mt
PGA Km 36+309 CR
S.ZENO F./CREMONA
(OLMENETA)
Punto 424
Cass. 424
1898mt
1898mt
1898mt
16x1
16x1
16x1
L0400004
L0400005
L0400006
G.A.4
Cassa
PL1 Ua
8x1
45mt
F0400039
8x1
45mt
F0400040
4x1
45mt
F0410010
Cassa
PL1 Ub
S.S.Eb
F0400034
4x1
45mt
4x1
45mt
F0400033
45mt
45mt
F0400038
3x4
2x2,5
F0410012
Arm.Sezion.
PL1 Ua/Ub
3x4
45mt
F0400042
Scald.
Man.PL
1702mt
1747mt
3x16
2x2,5
C0400112
C0410012
Armadio PAI PL
PL1 Km 37+253
3096mt
1747mt
1125mt
GA3
8F.O.SM
16x1
Alim.
PGA 36
C0400113
G.A.4
S437f
Luce
770mt
4x1
S426
Luce
Lambda
390mt
4x1
390mt
4x1
S426f
Luce
130mt
4x1
S427
Luce
Lambda
390mt
4x1
390mt
4x1
S427f
Luce
130mt
4x1
G.A.4

COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

CUP J84C19000370009

## DIREZIONE TECNICA
## U.O. IMPIANTI DI SEGNALAMENTO

## PROGETTO DEFINITIVO

# TRATTA A.V./A.C. MILANO-VERONA
# NODO DI BRESCIA
# POTENZIAMENTO INFRASTRUTTURALE DELLO SCALO DI BRESCIA

**IMPIANTI DI SEGNALAMENTO**

## GA4 - Piano cavi IS (Modifiche R/G) - Fase 1 PRG

SCALA:
:

| COMMESSA | LOTTO | FASE | ENTE | TIPO DOC. | OPERA/DISCIPLINA | PROGR. | REV. |
|---|---|---|---|---|---|---|---|
| IN1M | 12 | D | 18 | PX | AS0100 | 012 | A |

| Rev. | Descrizione | Redatto | Data | Verificato | Data | Approvato | Data | Autorizzato Data |
|---|---|---|---|---|---|---|---|---|
| A | EMISSIONE DEFINITIVA | M.Gigante<br>Alberto Gigante | Novembre 2021 | F.Bucarelli | Novembre 2021 | L.Barchi | Novembre 2021 | M.Gambaro<br>Novembre 2021<br>GAMBARO MARIO |
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FILE: IN1M12D18PXAS0100012A.dwg

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