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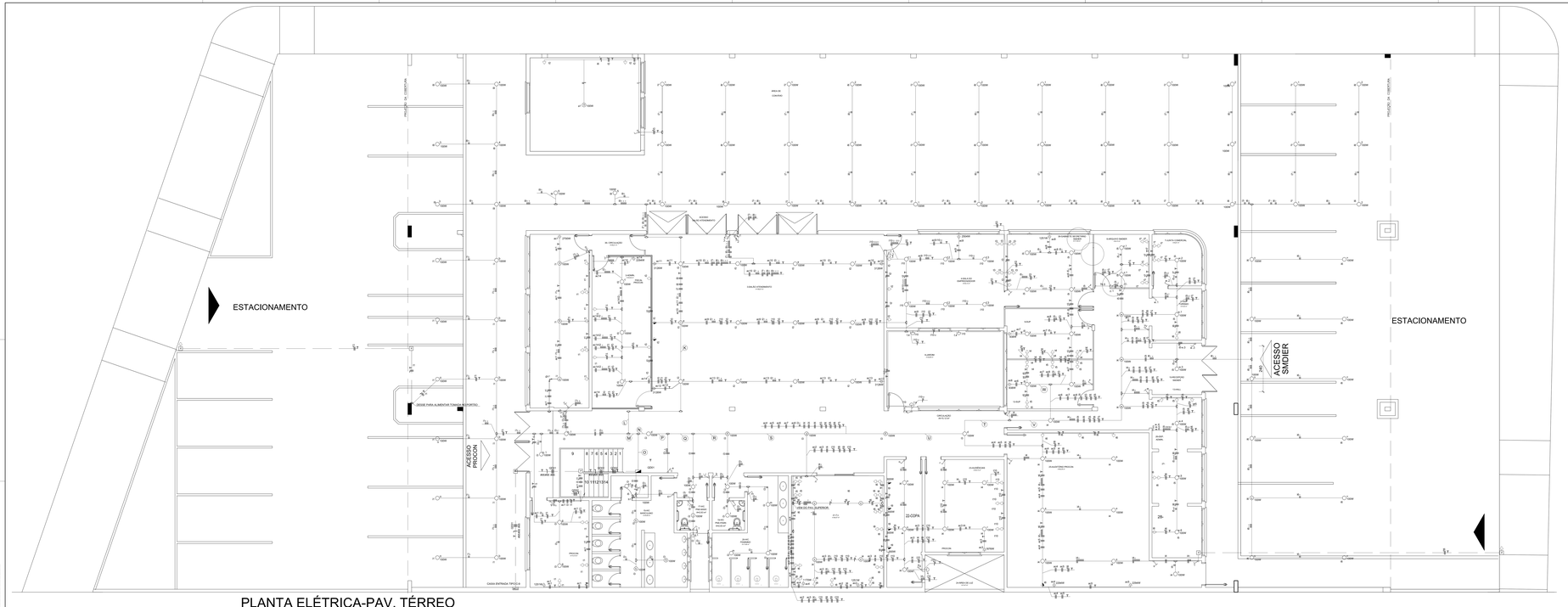

Quadro de Cargas

QD01

Tipo	Descrição	Iluminação		Tomadas			Ar Cond.						Dj Diag	Pot.	Demanda	Fat.	Corr.	Fases	Prot.	Cond.	Fases	Obs.
		40W	100W	100W	600W	1.2kVA	1.6kVA	2.0kVA	2.5kVA	3.2kVA	3.5kVA	5.0kVA	W	W	V.A		A		A	mm²	AWG	
ar1	Ar Condicionado											1		5351,6	5351,6	100%	23,32	2	30A	6	10	Obs_
ar2	Ar Condicionado										1			5351,6	5351,6	100%	23,32	2	30A	6	10	Obs_
ar3	Ar Condicionado									1				4754,3	4754,3	88%	20,72	2	25A	6	10	Obs_
ar4	Ar Condicionado											1		2294,9	2867,3	80%	12,49	2	15A	6	10	Obs_
ar5	Ar Condicionado / RESERVA											1		2294,9	2867,3	80%	12,49	2	15A	6	10	Obs_
ar6	Ar Condicionado + RESERVA										1			3934	4172,5	94%	18,19	2	20A	6	10	Obs_
ar7	Ar Condicionado										1			3934	4172,5	94%	18,19	2	20A	6	10	Obs_
ar8	Ar Condicionado									1				4754,3	4754,3	88%	20,72	2	25A	6	10	Obs_
ar9	Ar Condicionado											1		2294,9	2867,3	80%	12,49	2	15A	6	10	Obs_
ar10	Ar Condicionado											1		2126,2	2657,7	80%	11,79	2	20A	6	10	Obs_
ar11	Ar Condicionado											1		2126,2	2657,7	80%	11,79	2	20A	6	10	Obs_
ar12	Ar Condicionado											1		2126,2	2657,7	80%	11,79	2	20A	6	10	Obs_
ar13	Ar Condicionado											1		2294,9	2867,3	80%	12,49	2	15A	6	10	Obs_
ar14	Ar Condicionado											1		2294,9	2867,3	80%	12,49	2	15A	6	10	Obs_
1F	Iluminação	10												1200,0	1200,0	41,67%	1,09	1	10A	2,5	12	Obs_
2F	Iluminação	10												1200,0	1200,0	41,67%	1,09	1	10A	2,5	12	Obs_
3F	Iluminação	21												2100,0	2100,0	41,67%	1,91	1	10A	4	10	Obs_
4F	Iluminação	21												2100,0	2100,0	41,67%	1,91	1	10A	4	10	Obs_
5F	Iluminação	10												1200,0	1200,0	41,67%	1,09	1	10A	2,5	12	Obs_
6F	Iluminação	10												1200,0	1200,0	41,67%	1,09	1	10A	2,5	12	Obs_
7F	Iluminação	16												1600,0	1600,0	41,67%	1,45	1	10A	4	10	Obs_
8F	Iluminação	16												1600,0	1600,0	41,67%	1,45	1	10A	6	10	Obs_
9F	Iluminação	18												1800,0	1800,0	41,67%	1,64	1	10A	6	10	Obs_
10F	Iluminação	1	9											940,0	972,0	41,67%	0,87	1	10A	2,5	12	Obs_
QD02	Quadro QD02												1	107754	201806,7	100%	0,82	3S,3Z	0	95	4/0	Obs_
1T	Tomadas			4										600,0	1200,0	50,00%	0,55	1	10A	2,5	12	Obs_
2T	Tomadas		2	8										1000,0	1200,0	83,34%	0,91	1	10A	6	10	Obs_
3T	Tomadas			8										800,0	1200,0	66,67%	0,73	1	10A	6	10	Obs_
4T	Tomadas			8										800,0	1200,0	66,67%	0,73	1	10A	6	10	Obs_
5T	Tomadas			8										800,0	1200,0	66,67%	0,73	1	10A	6	10	Obs_
6T	Tomadas			8										1000,0	1200,0	83,34%	0,91	1	10A	6	10	Obs_
7T	Tomadas			10										1000,0	1200,0	83,34%	0,91	1	10A	6	10	Obs_
8T	Tomadas			10										1000,0	1200,0	83,34%	0,91	1	10A	6	10	Obs_
9T	Tomadas			4		1								1200,0	1800,0	66,67%	1,09	1	10A	6	10	Obs_
10T	Tomadas			8										800,0	1200,0	66,67%	0,73	1	10A	6	10	Obs_
Total		1	101	75	0	2	0	0	0	1	4	1		89311,6	185405,8							
Ampacidade (A)														0,00%	84,74%							

Potência Total (89311,6 W) (82405,8 V.A) Potência Demandada: 84,74% (46969,7 W) (56067,7 V.A)

Conexão tipo Fases: A=180,2A; B=180,2A; C=157,3A

Quadro de Cargas

MED

Tipo	Descrição	Iluminação		Tomadas			Ar Cond.						Dj Diag	Pot.	Demanda	Fat.	Corr.	Fases	Prot.	Cond.	Fases	Obs.
		40W	100W	100W	600W	1.2kVA	1.6kVA	2.0kVA	2.5kVA	3.2kVA	3.5kVA	5.0kVA	W	W	V.A		A		A	mm²	AWG	
QD01	Quadro QD01												1	89311,6	185405,8	100%	0,82	3S,3Z	0	95	4/0	Obs_
Potência Total (89311,6 W) (185405,8 V.A) Potência Demandada: 84% (46969,7 W) (56067,7 V.A)																						

Conexão tipo Fases: A=180,2A; B=180,2A; C=157,3A

MED

QD01 - Quadro QD01

LEGENDA

K- 4F1 4F2 4F3 4F4 4F5 4F6 4F7 4F8 4F9 4F10 4F11 4F12 4F13 4F14 4F15 4F16 4F17 4F18 4F19 4F20 4F21 4F22 4F23 4F24 4F25 4F26 4F27 4F28 4F29 4F30 4F31 4F32 4F33 4F34 4F35 4F36 4F37 4F38 4F39 4F40 4F41 4F42 4F43 4F44 4F45 4F46 4F47 4F48 4F49 4F50 4F51 4F52 4F53 4F54 4F55 4F56 4F57 4F58 4F59 4F60 4F61 4F62 4F63 4F64 4F65 4F66 4F67 4F68 4F69 4F70 4F71 4F72 4F73 4F74 4F75 4F76 4F77 4F78 4F79 4F80 4F81 4F82 4F83 4F84 4F85 4F86 4F87 4F88 4F89 4F90 4F91 4F92 4F93 4F94 4F95 4F96 4F97 4F98 4F99 4F100 4F101 4F102 4F103 4F104 4F105 4F106 4F107 4F108 4F109 4F110 4F111 4F112 4F113 4F114 4F115 4F116 4F117 4F118 4F119 4F120 4F121 4F122 4F123 4F124 4F125 4F126 4F127 4F128 4F129 4F130 4F131 4F132 4F133 4F134 4F135 4F136 4F137 4F138 4F139 4F140 4F141 4F142 4F143 4F144 4F145 4F146 4F147 4F148 4F149 4F150 4F151 4F152 4F153 4F154 4F155 4F156 4F157 4F158 4F159 4F160 4F161 4F162 4F163 4F164 4F165 4F166 4F167 4F168 4F169 4F170 4F171 4F172 4F173 4F174 4F175 4F176 4F177 4F178 4F179 4F180 4F181 4F182 4F183 4F184 4F185 4F186 4F187 4F188 4F189 4F190 4F191 4F192 4F193 4F194 4F195 4F196 4F197 4F198 4F199 4F200 4F201 4F202 4F203 4F204 4F205 4F206 4F207 4F208 4F209 4F210 4F211 4F212 4F213 4F214 4F215 4F216 4F217 4F218 4F219 4F220 4F221 4F222 4F223 4F224 4F225 4F226 4F227 4F228 4F229 4F230 4F231 4F232 4F233 4F234 4F235 4F236 4F237 4F238 4F239 4F240 4F241 4F242 4F243 4F244 4F245 4F246 4F247 4F248 4F249 4F250 4F251 4F252 4F253 4F254 4F255 4F256 4F257 4F258 4F259 4F260 4F261 4F262 4F263 4F264 4F265 4F266 4F267 4F268 4F269 4F270 4F271 4F272 4F273 4F274 4F275 4F276 4F277 4F278 4F279 4F280 4F281 4F282 4F283 4F284 4F285 4F286 4F287 4F288 4F289 4F290 4F291 4F292 4F293 4F294 4F295 4F296 4F297 4F298 4F299 4F300 4F301 4F302 4F303 4F304 4F305 4F306 4F307 4F308 4F309 4F310 4F311 4F312 4F313 4F314 4F315 4F316 4F317 4F318 4F319 4F320 4F321 4F322 4F323 4F324 4F325 4F326 4F327 4F328 4F329 4F330 4F331 4F332 4F333 4F334 4F335 4F336 4F337 4F338 4F339 4F340 4F341 4F342 4F343 4F344 4F345 4F346 4F347 4F348 4F349 4F350 4F351 4F352 4F353 4F354 4F355 4F356 4F357 4F358 4F359 4F360 4F361 4F362 4F363 4F364 4F365 4F366 4F367 4F368 4F369 4F370 4F371 4F372 4F373 4F374 4F375 4F376 4F377 4F378 4F379 4F380 4F381 4F382 4F383 4F384 4F385 4F386 4F387 4F388 4F389 4F390 4F391 4F392 4F393 4F394 4F395 4F396 4F397 4F398 4F399 4F400 4F401 4F402 4F403 4F404 4F405 4F406 4F407 4F408 4F409 4F410 4F411 4F412 4F413 4F414 4F415 4F416 4F417 4F418 4F419 4F420 4F421 4F422 4F423 4F424 4F425 4F426 4F427 4F428 4F429 4F430 4F431 4F432 4F433 4F434 4F435 4F436 4F437 4F438 4F439 4F440 4F441 4F442 4F443 4F444 4F445 4F446 4F447 4F448 4F449 4F450 4F451 4F452 4F453 4F454 4F455 4F456 4F457 4F458 4F459 4F460 4F461 4F462 4F463 4F464 4F465 4F466 4F467 4F468 4F469 4F470 4F471 4F472 4F473 4F474 4F475 4F476 4F477 4F478 4F479 4F480 4F481 4F482 4F483 4F484 4F485 4F486 4F487 4F488 4F489 4F490 4F491 4F492 4F493 4F494 4F495 4F496 4F497 4F498 4F499 4F500 4F501 4F502 4F503 4F504 4F505 4F506 4F507 4F508 4F509 4F510 4F511 4F512 4F513 4F514 4F515 4F516 4F517 4F518 4F519 4F520 4F521 4F522 4F523 4F524 4F525 4F526 4F527 4F528 4F529 4F530 4F531 4F532 4F533 4F534 4F535 4F536 4F537 4F538 4F539 4F540 4F541 4F542 4F543 4F544 4F545 4F546 4F547 4F548 4F549 4F550 4F551 4F552 4F553 4F554 4F555 4F556 4F557 4F558 4F559 4F560 4F561 4F562 4F563 4F564 4F565 4F566 4F567 4F568 4F569 4F570 4F571 4F572 4F573 4F574 4F575 4F576 4F577 4F578 4F579 4F580 4F581 4F582 4F583 4F584 4F585 4F586 4F587 4F588 4F589 4F590 4F591 4F592 4F593 4F594 4F595 4F596 4F597 4F598 4F599 4F600 4F601 4F602 4F603 4F604 4F605 4F606 4F607 4F608 4F609 4F610 4F611 4F612 4F613 4F614 4F615 4F616 4F617 4F618 4F619 4F620 4F621 4F622 4F623 4F624 4F625 4F626 4F627 4F628 4F629 4F630 4F631 4F632 4F633 4F634 4F635 4F636 4F637 4F638 4F639 4F640 4F641 4F642 4F643 4F644 4F645 4F646 4F647 4F648 4F649 4F650 4F651 4F652 4F653 4F654 4F655 4F656 4F657 4F658 4F659 4F660 4F661 4F662 4F663 4F664 4F665 4F666 4F667 4F668 4F669 4F670 4F671 4F672 4F673 4F674 4F675 4F676 4F677 4F678 4F679 4F680 4F681 4F682 4F683 4F684 4F685 4F686 4F687 4F688 4F689 4F690 4F691 4F692 4F693 4F694 4F695 4F696 4F697 4F698 4F699 4F700 4F701 4F702 4F703 4F704 4F705 4F706 4F707 4F708 4F709 4F710 4F711 4F712 4F713 4F714 4F715 4F716 4F717 4F718 4F719 4F720 4F721 4F722 4F723 4F724 4F725 4F726 4F727 4F728 4F729 4F730 4F731 4F732 4F733 4F734 4F735 4F736 4F737 4F738 4F739 4F740 4F741 4F742 4F743 4F744 4F745 4F746 4F747 4F748 4F749 4F750 4F751 4F752 4F753 4F754 4F755 4F756 4F757 4F758 4F759 4F760 4F761 4F762 4F763 4F764 4F765 4F766 4F767 4F768 4F769 4F770 4F771 4F772 4F773 4F774 4F775 4F776 4F777 4F778 4F779 4F780 4F781 4F782 4F783 4F784 4F785 4F786 4F787 4F788 4F789 4F790 4F791 4F792 4F793 4F794 4F795 4F796 4F797 4F798 4F799 4F800 4F801 4F802 4F803 4F804 4F805 4F806 4F807 4F808 4F809 4F810 4F811 4F812 4F813 4F814 4F815 4F816 4F817 4F818 4F819 4F820 4F821 4F822 4F823 4F824 4F825 4F826 4F827 4F828 4F829 4F830 4F831 4F832 4F833 4F834 4F835 4F836 4F837 4F838 4F839 4F840 4F841 4F842 4F843 4F844 4F845 4F846 4F847 4F848 4F849 4F850 4F851 4F852 4F853 4F854 4F855 4F856 4F857 4F858 4F859 4F860 4F861 4F862 4F863 4F864 4F865 4F866 4F867 4F868 4F869 4F870 4F871 4F872 4F873 4F874 4F875 4F876 4F877 4F878 4F879 4F880 4F881 4F882 4F883 4F884 4F885 4F886 4F887 4F888 4F889 4F890 4F891 4F892 4F893 4F894 4F895 4F896 4F897 4F898 4F899 4F900 4F901 4F902 4F903 4F904 4F905 4F906 4F907 4F908 4F909 4F910 4F911 4F912 4F913 4F914 4F915 4F916 4F917 4F918 4F919 4F920 4F921 4F922 4F923 4F924 4F925 4F926 4F927 4F928 4F929 4F930 4F931 4F932 4F933 4F934 4F935 4F936 4F937 4F938 4F939 4F940 4F941 4F942 4F943 4F944 4F945 4F946 4F947 4F948 4F949 4F950 4F951 4F952 4F953 4F954 4F955 4F956 4F957 4F958 4F959 4F960 4F961 4F962 4F963 4F964 4F965 4F966 4F967 4F968 4F969 4F970 4F971 4F972 4F973 4F974 4F975 4F976 4F977 4F978 4F979 4F980 4F981 4F982 4F983 4F984 4F985 4F986 4F987 4F988 4F989 4F990 4F991 4F992 4F993 4F994 4F995 4F996 4F997 4F998 4F999 4F1000

L- 4F1 4F2 4F3 4F4 4F5 4F6 4F7 4F8 4F9 4F10 4F11 4F12 4F13 4F14 4F15 4F16 4F17 4F18 4F19 4F20 4F21 4F22 4F23 4F24 4F25 4F26 4F27 4F28 4F29 4F30 4F31 4F32 4F33 4F34 4F35 4F36 4F37 4F38 4F39 4F40 4F41 4F42 4F43 4F44 4F45 4F46 4F47 4F48 4F49 4F50 4F51 4F52 4F53 4F54 4F55 4F56 4F57 4F58 4F59 4F60 4F61 4F62 4F63 4F64 4F65 4F66 4F67 4F68 4F69 4F70 4F71 4F72 4F73 4F74 4F75 4F76 4F77 4F78 4F79 4F80 4F81 4F82 4F83 4F84 4F85 4F86 4F87 4F88 4F89 4F90 4F91 4F92 4F93 4F94 4F95 4F96 4F97 4F98 4F99 4F100 4F101 4F102 4F103 4F104 4F105 4F106 4F107 4F108 4F109 4F110 4F111 4F112 4F113 4F114 4F115 4F116 4F117 4F118 4F119 4F120 4F121 4F122 4F123 4F124 4F125 4F126 4F127 4F128 4F129 4F130 4F131 4F132 4F133 4F134 4F135 4F136 4F137 4F138 4F139 4F140 4F141 4F142 4F143 4F144 4F145 4F146 4F147 4F148 4F149 4F150 4F151 4F152 4F153 4F154 4F155 4F156 4F157 4F158 4F159 4F160 4F161 4F162 4F163 4F164 4F165 4F166 4F167 4F168 4F169 4F170 4F171 4F172 4F173 4F174 4F175 4F176 4F177 4F178 4F179 4F180 4F181 4F182 4F183 4F184 4F185 4F186 4F187 4F188 4F189 4F190 4F191 4F192 4F193 4F194 4F195 4F196 4F197 4F198 4F199 4F200 4F201 4F202 4F203 4F204 4F205 4F206 4F207 4F208 4F209 4F210 4F211 4F212 4F213 4F214 4F215 4F216 4F217 4F218 4F219 4F220 4F221 4F222 4F223 4F224 4F225 4F226 4F227 4F228 4F229 4F230 4F231 4F232 4F233 4F234 4F235 4F236 4F237 4F238 4F239 4F240 4F241 4F242 4F243 4F244 4F245 4F246 4F247 4F248 4F249 4F250 4F251 4F252 4F253 4F254 4F255 4F256 4F257 4F258 4F259 4F260 4F261 4F262 4F263 4F264 4F265 4F266 4F267 4F268 4F269 4F270 4F271 4F272 4F273 4F274 4F275 4F276 4F277 4F278 4F279 4F280 4F281 4F282 4F283 4F284 4F285 4F286 4F287 4F288 4F289 4F290 4F291 4F292 4F293 4F294 4F295 4F296 4F297 4F298 4F299 4F300 4F301 4F302 4F303 4F304 4F305 4F306 4F307 4F308 4F309 4F310 4F311 4F312 4F313 4F314 4F315 4F316 4F317 4F318 4F319 4F320 4F321 4F322 4F323 4F324 4F325 4F326 4F327 4F328 4F329 4F330 4F331 4F332 4F333 4F334 4F335 4F336 4F337 4F338 4F339 4F340 4F341 4F342 4F343 4F344 4F345 4F346 4F347 4F348 4F349 4F350 4F351 4F352 4F353 4F354 4F355 4F356 4F357 4F358 4F359 4F360 4F361 4F362 4F363 4F364 4F365 4F366 4F367 4F368 4F369 4F370 4F371 4F372 4F373 4F374 4F375 4F376 4F377 4F378 4F379 4F380 4F381 4F382 4F383 4F384 4F385 4F386 4F387 4F388 4F389 4F390 4F391 4F392 4F393 4F394 4F395 4F396 4F397 4F398 4F399 4F400 4F401 4F402 4F403 4F404 4F405 4F406 4F407 4F408 4F409 4F410 4F411 4F412 4F413 4F414 4F415 4F416 4F417 4F418 4F419 4F420 4F421 4F422 4F423 4F424 4F425 4F426 4F427 4F428 4F429 4F430 4F431 4F432 4F433 4F434 4F435 4F436 4F437 4F438 4F439 4F440 4F441 4F442 4F443 4F444 4F445 4F446 4F447 4F448 4F449 4F450 4F451 4F452 4F453 4F454 4F455 4F456 4F457 4F458 4F459 4F460 4F461 4F462 4F463 4F464 4F465 4F466 4F467 4F468 4F469 4F470 4F471 4F472 4F473 4F474 4F475 4F476 4F477 4F478 4F479 4F480 4F481 4F482 4F483 4F484 4F485 4F486 4F487 4F488 4F489 4F490 4F491 4F492 4F493 4F494 4F495 4F496 4F497 4F498 4F499 4F500 4F501 4F502 4F503 4F504 4F505 4F506 4F507 4F508 4F509 4F510 4F511 4F512 4F513 4F514 4F515 4F516 4F517 4F518 4F519 4F520 4F521 4F522 4F523 4F524 4F525 4F526 4F527 4F528 4F529 4F530 4F531 4F532 4F533 4F534 4F535 4F536 4F537 4F538 4F539 4F540 4F541 4F542 4F543 4F544 4F545 4F546 4F547 4F548 4F549 4F550 4F551 4F552 4F553 4F554 4F555 4F556 4F557 4F558 4F559 4F560 4F561 4F562 4F563 4F564 4F565 4F566 4F567 4F568 4F569 4F570 4F571 4F572 4F573 4F574 4F575 4F576 4F577 4F578 4F579 4F580 4F581 4F582 4F583 4F584 4F585 4F586 4F587 4F588 4F589 4F590 4F591 4F592 4F593 4F594 4F595 4F596 4F597 4F598 4F599 4F600 4F601 4F602 4F603 4F604 4F605 4F606 4F607 4F608 4F609 4F610 4F611 4F612 4F613 4F614 4F615 4F616 4F617 4F618 4F619 4F620 4F621 4F622 4F623 4F624 4F625 4F626 4F627 4F628 4F629 4F630 4F631 4F632 4F633 4F634 4F635 4F636 4F637 4F638 4F639 4F640 4F641 4F642 4F643 4F644 4F645 4F646 4F647 4F648 4F649 4F650 4F651 4F652 4F653 4F654 4F655 4F656 4F657 4F658 4F659 4F660 4F661 4F662 4F663 4F664 4F665 4F666 4F667 4F668 4F669 4F670 4F671 4F672 4F673 4F674 4F675 4F676 4F677 4F678 4F679 4F680 4F681 4F682 4F683 4F684 4F685 4F686 4F687 4F688 4F689 4F690 4F691 4F692 4F693 4F694 4F695 4F696 4F697 4F698 4F699 4F700 4F701 4F702 4F703 4F704 4F705 4F706 4F707 4F708 4F709 4F710 4F711 4F712 4F713 4F714 4F715 4F716 4F717 4F718 4F719 4F720 4F721 4F722 4F723 4F724 4F725 4F726 4F727 4F728 4F729 4F730 4F731 4F732 4F733 4F734 4F735 4F736 4F737 4F738 4F739 4F740 4F741 4F742 4F743 4F744 4F745 4F746 4F747 4F748 4F749 4F750 4F751 4F752 4F753 4F754 4F755 4F756 4F757 4F758 4F759 4F760 4F761 4F762 4F763 4F764 4F765 4F766 4F767 4F768 4F769 4F770 4F771 4F772 4F773 4F774 4F775 4F776 4F777 4F778 4F779 4F780 4F781 4F782 4F783 4F784 4F785 4F786 4F787 4F788 4F789 4F790 4F791 4F792 4F793 4F794 4F795 4F796 4F797 4F798 4F799 4F800 4F801 4F802 4F803 4F804 4F805 4F806 4F807 4F808 4F809 4F810 4F811 4F812 4F813 4F814 4F815 4F816 4F817 4F818 4F819 4F820 4F821 4F822 4F823 4F824 4F825 4F826 4F827 4F828 4F829 4F830 4F831 4F832 4F833 4F834 4F835 4F836 4F837 4F838 4F839 4F840 4F841 4F842 4F843 4F844 4F845 4F846 4F847 4F848 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M- 4F1 4F2 4F3 4F4 4F5 4F6 4F7 4F8 4F9 4F10 4F11 4F12 4F13 4F14 4F15 4F16 4F17 4F18 4F19 4F20 4F21 4F22 4F23 4F24 4F25 4F26 4F27 4F28 4F29 4F30 4F31 4F32 4F33 4F34 4F35 4F36 4F37 4F38 4F39 4F40 4F41 4F42 4F43 4F44 4F45 4F46 4F47 4F48 4F49 4F50 4F51 4F52 4F53 4F54 4F55 4F56 4F57 4F58 4F59 4F60 4F61 4F62 4F63 4F64 4F65 4F66 4F67 4F68 4F69 4F70 4F71 4F72 4F73 4F74 4F75 4F76 4F77 4F78 4F79 4F80 4F81 4F82 4F83 4F84 4F85 4F86 4F87 4F88 4F89 4F90 4F91 4F92 4F93 4F94 4F95 4F96 4F97 4F98 4F99 4F100 4F101 4F102 4F103 4F104 4F105 4F106 4F107 4F108 4F109 4F110 4F111 4F112 4F113 4F114 4F115 4F116 4F117 4F118 4F119 4F120 4F121 4F122 4F123 4F124 4F125 4F126 4F127 4F128 4F129 4F130 4F131 4F132 4F133 4F134 4F135 4F136 4F137 4F138 4F139 4F140 4F141 4F142 4F143 4F144 4F145 4F146 4F147 4F148 4F149 4F150 4F151 4F152 4F153 4F154 4F155 4F156 4F157 4F158 4F159 4F160 4F161 4F162 4F163 4F164 4F165 4F166 4F167 4F168 4F169 4F170 4F171 4F172 4F173 4F174 4F175 4F176 4F177 4F178 4F179 4F180 4F181 4F182 4F183 4F184 4F185 4F186 4F187 4F188 4F189 4F190 4F191 4F192 4F193 4F194 4F195 4F196 4F197 4F198 4F199 4F200 4F201 4F202 4F203 4F204 4F205 4F206 4F207 4F208 4F209 4F210 4F211 4F212 4F213 4F214 4F215 4F216 4F217 4F218 4F219 4F220 4F221 4F222 4F223 4F224 4F225 4F226 4F227 4F228 4F229 4F230 4F231 4F232 4F233 4F234 4F235 4F236 4F237 4F238 4F239 4F240 4F241 4F242 4F243 4F244 4F245 4F246 4F247 4F248 4F249 4F250 4F251 4F252 4F253 4F254 4F255 4F256 4F257 4F258 4F259 4F260 4F261 4F262 4F263 4F264 4F265 4F266 4F267 4F268 4F269 4F270 4F271 4F272 4F273 4F274 4F275 4F276 4F277 4F278 4F279 4F280 4F281 4F282 4F283 4F284 4F285 4F286 4F287 4F288 4F289 4F290 4F291 4F292 4F293 4F294 4F295 4F296 4F297 4F298 4F299 4F300 4F301 4F302 4F303 4F304 4F305 4F306 4F307 4F308 4F309 4F310 4F311 4F312 4F313 4F314 4F315 4F316 4F317 4F318 4F319 4F320 4F321 4F322 4F323 4F324 4F325 4F326 4F327 4F328 4F329 4F330 4F331 4F332 4F333 4F334 4F335 4F336 4F337 4F338 4F339 4F340 4F341 4F342 4F343 4F344 4F345 4F346 4F347 4F348 4F349 4F350 4F351 4F352 4F353 4F354 4F355 4F356 4F357 4F358 4F359 4F360 4F361 4F362 4F363 4F364 4F365 4F366 4F367 4F368 4F369 4F370 4F371 4F372 4F373 4F374 4F375 4F376 4F377 4F378 4F379 4F380 4F381 4F382 4F383 4F384 4F385 4F386 4F387 4F388 4F389 4F390 4F391 4F392 4F393 4F394 4F395 4F396 4F397 4F398 4F399 4F400 4F401 4F402 4F403 4F404 4F405 4F406 4F407 4F408 4F409 4F410 4F411 4F412 4F413 4F414 4F415 4F416 4F417 4F418 4F419 4F420 4F421 4F422 4F423 4F424 4F425 4F426 4F427 4F428 4F429 4F430 4F431 4F432 4F433 4F434 4F435 4F436 4F437 4F438 4F439 4F440 4F441 4F442 4F443 4F444 4F445 4F446 4F447 4F448 4F449 4F450 4F451 4F452 4F453 4F454 4F455 4F456 4F457 4F458 4F459 4F460 4F461 4F462 4F463 4F464 4F465 4F466 4F467 4F468 4F469 4F470 4F471 4F472 4F473 4F474 4F475 4F476 4F477 4F478 4F479 4F480 4F481 4F482 4F483 4F484 4F485 4F486 4F487 4F488 4F489 4F490 4F491 4F492 4F493 4F494 4F495 4F496 4F497 4F498 4F499 4F500 4F501 4F502 4F503 4F504 4F505 4F506 4F507 4F508 4F509 4F510 4F511 4F512 4F513 4F514 4F515 4F516 4F517 4F518 4F519 4F520 4F521 4F522 4F523 4F524 4F525 4F526 4F527 4F528 4F529 4F530 4F531 4F532 4F533 4F534 4F535 4F536 4F537 4F538 4F539 4F540 4F541 4F542 4F543 4F544 4F545 4F546 4F547 4F548 4F549 4F550 4F551 4F552 4F553 4F554 4F555 4F556 4F557 4F558 4F559 4F560 4F561 4F562 4F563 4F564 4F565 4F566 4F567 4F568 4F569 4F570 4F571 4F572 4F573 4F574 4F575 4F576 4F577 4F578 4F579 4F580 4F581 4F582 4F583 4F584 4F585 4F586 4F587 4F588 4F589 4F590 4F591 4F592 4F593 4F594 4F595 4F596 4F597 4F598 4F599 4F600 4F601 4F602 4F603 4F604 4F605 4F606 4F607 4F608 4F609 4F610 4F611 4F612 4F613 4F614 4F615 4F616 4F617 4F618 4F619 4F620 4F621 4F622 4F623 4F624 4F625 4F626 4F627 4F628 4F629 4F630 4F631 4F632 4F633 4F634 4F635 4F636 4F637 4F638 4F639 4F640 4F641 4F642 4F643 4F644 4F645 4F646 4F647 4F648 4F649 4F650 4F651 4F652 4F653 4F654 4F655 4F656 4F657 4F658 4F659 4F660 4F661 4F662 4F663 4F664 4F665 4F666 4F667 4F668 4F669 4F670 4F671 4F672 4F673 4F674 4F675 4F676 4F677 4F678 4F679 4F680 4F681 4F682 4F683 4F684 4F685 4F686 4F687 4F688 4F689 4F690 4F691 4F692 4F693 4F694 4F695 4F696 4F697 4F698 4F699 4F700 4F701 4F702 4F703 4F704 4F705 4F706 4F707 4F708 4F709 4F710 4F711 4F712 4F713 4F714 4F715 4F716 4F717 4F718 4F719 4F720 4F721 4F722 4F723 4F724 4F725 4F726 4F727 4F728 4F729 4F730 4F731 4F732 4F733 4F734 4F735 4F736 4F737 4F738 4F739 4F740 4F741 4F742 4F743 4F744 4F745 4F746 4F747 4F748 4F749 4F750 4F751 4F752 4F753 4F754 4F755 4F756 4F757 4F758 4F759 4F760 4F761 4F762 4F763 4F764 4F765 4F766 4F767 4F768 4F769 4F770 4F771 4F772 4F773 4F774 4F775 4F776 4F777 4F778 4F779 4F780 4F781 4F782 4F783 4F784 4F785 4F786 4F787 4F788 4F789 4F790 4F791 4F792 4F793 4F794 4F795 4F796 4F797 4F798 4F799 4F800 4F801 4F802 4F803 4F804 4F805 4F806 4F807 4F808 4F809 4F810 4F811 4F812 4F813 4F814 4F815 4F816 4F817 4F818 4F819 4F820 4F821 4F822 4F823 4F824 4F825 4F826 4F827 4F828 4F829 4F830 4F831 4F832 4F833 4F834 4F835 4F836 4F837 4F838 4F839 4F840 4F841 4F842 4F843 4F844 4F845 4F846 4F847 4F848 4F849 4F850 4F851 4F852 4F853 4F854 4F855 4F856 4F857 4F858 4F859 4F860 4F861 4F862 4F863 4F864 4F865 4F866 4F867 4F868 4F869 4F870 4F871 4F872 4F873 4F874 4F875 4F876 4F877 4F878 4F879 4F880 4F881 4F882 4F883 4F884 4F885 4F886 4F887 4F888 4F889 4F890 4F891 4F892 4F893 4F894 4F895 4F896 4F897 4F898 4F899 4F900 4F901 4F902 4F903 4F904 4F905 4F906 4F907 4F908 4F909 4F910 4F911 4F912 4F913 4F914 4F915 4F916 4F917 4F918 4F919 4F920 4F921 4F922 4F923 4F924 4F925 4F926 4F927 4F928 4F929 4F930 4F931 4F932 4F933 4F934 4F935 4F936 4F937 4F938 4F939 4F940 4F941 4F942 4F943 4F944 4F945 4F946 4F947 4F948 4F949 4F950 4F951 4F952 4F953 4F954 4F955 4F956 4F957 4F958 4F959 4F960 4F961 4F962 4F963 4F964 4F965 4F966 4F967 4F968 4F969 4F970 4F971 4F972 4F973 4F974 4F975 4F976 4F977 4F978 4F979 4F980 4F981 4F982 4F983 4F984 4F985 4F986 4F987 4F988 4F989 4F990 4F991 4F992 4F993 4F994 4F995 4F996 4F997 4F998 4F999 4F1000

N- 4F1 4F2 4F3 4F4 4F5 4F6 4F7 4F8 4F9 4F10 4F11 4F12 4F13 4F14 4F15 4F16 4F17 4F18 4F19 4F20 4F21 4F22 4F23 4F24 4F25 4F26 4F27 4F28 4F29 4F30 4F31 4F32 4F33 4F34 4F35 4F36 4F37 4F38 4F39 4F40 4F41 4