Α

Abbreviations 1

Absorption area 482, 483

Access 139, 146

Access control system 17, 119

Access principles 139
Accessible building 21 ff.
Accessible housing 23
Accessible lift 134

Accessible parking place 21, 22, 23 Accident and emergency 291, 299

Acoustic reflector 221 Acoustics 220, 221, 223

Additional technical contract conditions 61

Administration 231 Advertising displays 502 Aeroplane category 423 Air conditioning 242

Air conditioning plant room 531 Air conditioning system 531

Air curtain 115 Air freight 418 Air gap 90

Air handling equipment 531

Air humidity 37

Air recirculation system 530

Air terminal 485 Air-water systems 530 Airborne sound 478

Airborne sound insulation 477, 478

Airport 419

Airport regulations 418

Airside 421 Aisle, theatre 212 Akebia 434

Alignment (photovoltaics) 467

All-purpose room 157 Almemor 288 Alphabet, Greek 1 Altar 285 Altar rail 286 Altar steps 285 Alternative science 36

Anastylose 50

Animal house (zoo) 229 Animal Welfare Law 455

Anaesthetic devices 302

Annual heating energy demand 475

Application documents, building permit 59 Apron (airport) 419, 422

Apron (theatre) 212 Apron conveyor 267 Apron roadway 422 Aquarium 229 Arable farming 447 Arcade 254 Archaeology 51 Archery 348

Architect's contract 57 Archives 237, 252 Archives room 238

Area of additional building regulations (airport) 417

Area pay desk (retail) 257 Area surveillance 119

Armchair 11 Armoured glass 107 Aron Hakodesh 288 Art library 250 Art teaching 192 Artificial ice rink 344

Assisted flat for the elderly 168 Asymmetrical bars (gym) 365 At-grade crossing 381

Athletics 326 Atrium house 143

Audience row (theatre) 212 Audience seating 212

Auditorium 198, 200, 211, 212, 222, 219, 222, 223

Auditorium width 211 Autobahn 378 Aviation Law 371, 418 Aviation Noise Law 418 Award procedure (contract) 61

Awning 500 Azimuth 488, 490

В

Baby grand piano 11

Baby ward 308

Backing-up (drainage) 527 Back-ventilation 473 Background ventilation 529 Badminton 322, 356

Bakery 278
Baking table 190
Balance beam 353
Balcony 155

Ball catching area (bowling) 361

Ball cupboard 357

Ball throwing safety (glass) 109

Ballet 216

Balustrade height 120 Bank building 253

Bank formation (earthworks) 452

Bank support 439 Banquet 176

Bar chart (scheduling) 62

Barn 446

Barn (chickens) 455 Basic module 35 Basement tanking 72 Basic services (contract) 57

Basic SI units 2 Basketball 320, 332 Bath 11, 160 Bathroom 160 ff. Batter angle 67, 428, 442

Batteries 16 Battery tank 535

Beach football tennis 322 Beach handball 322 Beach volleyball 322 Beachminton 322 Beam grillage 91 Bed 11, 158 Bed lift 131, 295 Bed preparation 313 Bedroom 157 Beef cattle pen 458 Belfrv 287

Bell 287 Bell diameter 287 Bell parameters 287 Bell self-weight 287 Bell tower 287 Bell weight 287 Benches 67

Bentonite waterproofing 72 Berlin ventilation 539 Bicvcle ergometer 358, 359

Bicycle room 165 Bicycle stands 384

Bicycle storage/parking 362, 384

Bidet 11

Bill of quantities 61 Billiards 357 Biogas 465

Biological engineering 439

Biomass 465

Biometric identification 117

Bistro 176, 179 Bitumen tanking 72 Boards (lecture theatre) 201 Block development 138

Block heating and power system 468, 470

Blood samples, taking 290

BMX 347

Boat storage hall 336 Boathouse 339 Bob track 344 Boccia 331

Body current density 48 Body measurements 28 Bonded screed 83

Bookshelves 202, 247, 249 Book transport (system) 248, 250

Book trolley 250 Bored pile system 67 Boulder wall (climbing) 360 Boundary frequency 477 Boundary reference 35 Bowling alley 361 Box (theatre) 211, 223 Box partition (horses) 459 Box room 162, 177 Boxing ring 356 Bramble 434

Bramble, wire support 437 Break area 194, 238 Break-in resistance 107

Breakfast place setting 174

Breakwater 334

Breeding cage (rabbits) 462

Brick formats 75 Bricklaying bond 76 Bridge for dampness 71 BS (British Standards) 548

Buffer cylinder 468 Building biology 36 Building costs 48 Building description 53 Building drawing 6 ff. Building element cooling 242 Building envelope 464 Building excavation 66

Building excavation batter 67 Building law code 56 Building mass number 63

Building notification procedure 59

Building orientation 241 Building permit (application) 59 Building preferred numbers 34

Building research 53 Building services 522 ff. Building supervision 59 Built environment 46 Bullet-proof glass 107

Burglar alarm (systems) 17, 118 Buried earthing electrode 486

Bus 406

Bus dimensions 409 Bus stop lay-by 409 Bush layering 440 Butcher's shop 261, 280

С

Cable connection 15 Cable conveyor 287 Cable lift 128

Cable run (playground) 190

Café 178

CAFM (computer-assisted facility management) 49

Camping and weekend site 187 Cancer research centre 206

Canoe 339 Capillary water 71 Car lift 396 Car port 166

Card game machine 375

Care 305 ff. Care area 291, 295 Care home 169

Care of contagious children 308

Care room 169 Care unit 308 Carpenter's shop 275

Carrel 249

Cartesian coordinates 20

Cascade 443

Cash desk 235 Cashpoint 253 Cast glass 108

Cast-iron radiator 533
Catering 186 ff., 314
Cavity walls 75
CCTV surveillance 17
Ceiling chase 8
Ceiling grid 502
Ceiling heating 534

Ceiling lighting 502
Ceiling opening 8
Ceiling uplighter 505
Cell passage (mortuary) 424

Cellar neck 120

Cemetery 424, 425, 426 Cemetery chapel 424, 425 Central checkout 257 Central corridor 145 Central cylinder 137

Central ventilation system 539
Central washing-up area 317
Centralised lock suites 117
Centre for the elderly 178
Centre-hung door 10
Centre-line reference 35
Ceramic floor covering 84
Chamber music hall 219

Chancel 285

Chandelier palmette (plant training) 432 Changing area 363, 364, 367, 368

Changing room 272 Changing room bench 363 Changing station (railway) 403

Chargeable costs 57 Checkout chain 257

Checkout with after-sale belt 257 Checkout with feed belt 257

Chest freezer 151 Chicken coop 452, 455 Chicken keeping 447

Chicken keeping in small groups 455

Child's bed 11

Children's after-school care 188, 189

Children's care 308, 310

Children's daycare centre 188, 189

Children's tennis court 327 Children's ward 310 Chilled beam 530 Chimney 532, 537, 538 Choir dressing room 216 Choir rehearsal room 217 Choir seating 220 Church building 285

Cinema 222, 223 Cinema auditorium 224 Cinema seat 223

Church seating 286

Circuit diagram 16

Circulating chain conveyor 267

Circulating parker 396

Circus 227 Circus ring 227 Cistern 436 CityLight poster 417 Classroom 191, 195, 202 Classroom area 191, 192

Clay 425

Clean room laboratory 203

Clematis 434 Client 48

Climate in animal housing 451

Climate region 474 Climbing aid 433 Climbing hall 360 Climbing plants 433 Climbing rose 434 Climbing strawberry 434

Climbing/Winding plant (trellis) 432 Clinical medical service 299

Cloakroom 367 Cloakroom seating 354 Closed sales 254

Clothes locker 11, 272, 363 Clothes storage 11, 159 Clubhouse 332, 338 Cluster (classrooms) 195 Coarse gravel 428 Cobigolf 330

Cobigolf 330
Coffin 421
Cold façade 112
Cold kitchen 180
Cold laboratory 204
Cold portioning 181
Cold roof 92
Collar roof 86

Collection of basic information 58 Collection, museum 207, 208

Collector pipe 522 ff.

College 198

Cologne ventilation 539

Colour 41, 507 Colour circle 31

Colour reproduction 495, 498, 499, 506

Columbarium 425

Column-mounted slewing crane 267

Combi office 234, 239 Combi steamer oven 182 Combination pool 368 Combined branch pipe 524

Combined heat and power (CHP) 467 Combined large field (athletics) 324

Combined pool 365

Combined transport (freight) 413
Commentator's cabin 318
Commercial letting area 63
Communal area (school) 194
Communal changing room (pool) 3

Communal changing room (pool) 363

Community hospital 312 Compact fluorescent lamps 502

Compact kitchen 150

Compact sauna 372, 373 Compact storeroom 250 Competition stage (sport) 353 Complex layout (museum) 208

Composite rafter 87

Compression cylinder lift 133 Computer assisted drawing 20

Computer display 20 Computer room 191

Computer workplace 191, 236 Concentrated feed (farm) 449 Concert grand piano 11 Concert hall 219, 220, 221 Concrete retaining wall 431

Condensate 472 Condition room 359 Conductor (lightning) 485 Conference area 238

Confessional, confession room 286 Connection value (drainage) 522, 523

Conservation 50, 51
Construction costs 65
Construction product list 512
Construction and fittings grid 206
Construction floor area 75
Consultation room 290
Container (freight) 269, 413

Container (freight) 269, 413 Continued fractions 31, 33 Continuous conveyor 267 Contract award 61

Control of daylight 496 Convector 531, 533, 534 Convector in recess 534 Conversion 50, 54 Conveyor belt 267

Cook and chill 181

Cooling (renewable energy) 469

Cooling ceiling 530 Cooling plant room 316 Cooling room (sauna) 384, 385

Cooperation diagram (hospital) 293

Coordinates, Cartesian 20 Coordinates, polar 20 Coordination system 35 Coping (wall) 431 Corbusier, Le 33

Cordon (plant training) 432 Correction factor k (lighting) 508 Correction factor table 508

Corridor 148
Corridor width 148
Cost calculation 65
Cost estimate 65
Cost forecast 65
Costume store 215

Couch 11

Council building (university) 200

Counter 250, 260 Coursed masonry 74 Courtyard garden house 139 Cow 457
Cow cubicle 457
Cow pen 457
Cowshed 458
Crèche 188, 189
Cremation 424
Cremation room 424
Crematorium 424
Crockery return 180
Croquet playing field 321

Cross bond 76 Crossing lights 408 Cubicle 367, Cue holder 357 Cultivator 448 Curling 345 Currant bush 437 Curtain wall 78, 245

Curtain walling with fire protection glass 112

Cut-out 8
Cycle polo 320
Cycle way 382
Cycle way width 384
Cyclocross 347
Cyclopean masonry 74
Cyclorama scaffold 220
Cylinder lock 117

D

Dairy farming, cows 447, 457

Dark room 204 Data exchange 20

Day centre for the elderly 168

Day clinic 311 Daylight 485

Daylight area, minimum 102 Daylight distribution 496, 497 Daylight duration 490

Daylight lighting 488, 496, 497, 498

Daylight quotients 493, 495, 498 Daylight-enhancing lighting 496, 498

Deanery (university) 198 Deck access 140 Decorative bond 76 Decorative well 301

Deep tank (animal waste) 459 Deep water zone (pond) 451 Degree of reflection 498, 507 Degree of sound absorption 482

DEHOGA (German hotel association) 172

Demolition 46 Department store 254

Depot 207

Description of works 61

Design 42, 58

Design value (thermal insulation) 474

Desk ventilation 201

Destination floor control system (lift) 129

Detached house 139, 144

Detached house access 139
Detached housing development 139

Detail drawing 60 Detailed design 60 Development plan 56 Diagonal triangle 31 Dialysis 294 Diaphragm walls 67 Diazo paper 5

Diesel generator set 465 Diffuse reflection 44 Dimension line 7

Dimensional basics and relationships 26

Dimensioning 6, 7

Dimensioning of pipework 523

Dimensions 6, 7

DIN (German Institute for Standardisation) Standards 548

Dining area 154
Dining room 193
Dining table 154, 174
Disc harrow 448

Discharge factor (drainage) 522, 526

Discharge lamps 502

Discharge location (sewage) 536

Discus circle 326
Discus throwing 323, 324
Dishwasher 151, 179
Dispensary 313
Display (area) 207, 208
Disturbance level (cinema) 222

Diving boards 366 Diving facilities 365, 366

Diving pool 362 Doctor's practice 290

Donkey 459

Door 10, 125, 126, 127, 128 Door in one-piece lining 114

Door leaf 114

Door with recessed frame 114 Dormer window 85, 102

Double bed 11

Double bowling alley 361
Double checkout 257
Double church 286
Double cinema 226
Double garage 166
Double grave 425
Double office 235
Double room 172
Double sink 11, 151
Double washbasin 11
Double window 10

Double-decker lift 129 Dovecote 452 Doves 452

Downhole heat exchanger 469

Downlight 505
Drafting machine 19
Drag chain conveyor 267
Dragon boat 339

Drainpipe 72, 522
Drainage 72, 436
Drainage layer 72
Drainage pipe 12
Drainage system 522
Drawing aids 19
Drawing board 19
Drawing by hand 19

Drawing edge reinforcement 5 Drawing for construction 60

Drawing paper 5
Drawing standard 5
Drawing, good practice 19

Dressage 342 Drilling 67

Drinking trough 453, 460

Drinking water refilling system 436

Drive-in cinema 226 Driving simulator 375 Dry fodder 449 Dry storage marina 335 Dry stone wall 431

Duck 452 Dung heap 450 Dung pit 450

Dwelling, accessible 23, 24 Dynamic stop (trams) 407

Е

Earth filter system 451 Earth pressure 70

Earthing electrodes 485, 486

Earthing tape 486 Earthworks 428 ff.

Echo 482

Ecological farming 457 Elastic floor construction 352 Electrical consumer appliances 14

Electrical device 16

Electrical installation 14, 15, 16, 317

Electrocardiogram 290
Electrochromatic units 108
Electrodes (lightning) 485, 486
Electromagnetic field 38
Electronic access control 117
Electronic means of identification 117

Electrosmog 36, 38 Emergency exit 117 Emergency power room 465 Emergency staircase 246

Emergency supply (hospital) 297, 299

Emptying sound 480 End pressure 70 End-bearing pile 70 Endoscopy 299 Energy 46

Energy consumption value 476

Energy pass 476

Energy Saving Regulation (EnEV) 99, 471, 474

Energy supply concept 469

English bond 76
Entrance (flat) 146
Entrance (shop) 256
Entry of sunlight 492
Envelope area factor 475

Environmental Impact Assessment (EIA) 418

Equatorial degree 555 Equinox 490 ff.

Equipment room (pool) 365

Equipment room (sports hall) 351, 352

Ergonomic couch 374 Escalator 126, 259, 407, 415

Escalator width 126

Escape route 97, 139, 241, 246, 255, 511

Escape route width 197

Espalier 432 Espalier wire 432 EU Eco Directive 456, 457

Europallet 269
Evacuation plan 217
Evacuation time 318
Excavation support 67
Exercise pool 374
Exit (retail) 255

Experimental theatre 217

Extension line 7
External deck 140

External works, drawing symbols 8

Extractor hood 151
Extraction system 529 ff.

F

F-glazing 111, 516

Façade ventilation systems 531 Facility management 48, 49 Fall protection (stadium) 319

Falling door 128

Family changing room 363

Family grave 425
Family sauna 373
Farmyard 443
Fascine 440
Fast food outlet 177
Fattening bullock 455

Federal Environmental Agency (FEA) 442

Fee Regulations for Architects and Engineers (HOAI) 57

Fee zone 57

Feed mixing station 454 Feed rack 453 Feeding pen 459 Feeding table 460 Fences 242, 430

Fences, obligations 430

Fencing piste 321

Festspielhaus (Bayreuth opera house) 210

Field barn 449 Field density 38 Field of view 40 Field of vision 40 Filing 237 Fill (soil) 437

Filling and emptying sound 480

Filling and emptying sound 460
Filter trench 533
Final cost statement 65
Final energy demand 475, 476
Final water depth (pool) 367
Finger bar (restaurant) 178
Finger position, correct 19
Finished dimensions 34
Finishing beef cattle 458
Fire alarm system 118
Fire brigade 283

Fire door 116

Fire brigade lift 246

Fire compartment 255

Fire compartment wall 513

Fire hazard (class) 520 Fire prevention 511

Fire propagation speed 519
Fire protection board 514
Fire protection glazing 111, 516
Fire safety, high-rise 246
Fire sliding door 116
Fire station 284

Fire-resistant door set 517

Fireplace 538 Fish counter 261 Fish shop 261 Fistball 320

Fitness room 358, 359

Flat roof 91

Flat roof access 122
Flat shelving system 269
Flat water zone 442, 444
Flipper (pinball game) 375
Floating quay 335
Floating screed 83
Floodlighting 508
Floor construction 352
Floor cupboard 151
Floor downlighter 505
Floor gymnastics hall 352

Flowing floor plan 143 Flowing work sequence 149 Fluorescent tubes 502 Fly box (skateboarding) 346

Fodder 449 Fodder beet 449 Fodder harvest 449 Fodder provisions 449

Floor slab 80, 266

Floor-area ratio 63

Foil pond 439
Folders 4
Folding desk 291
Folding door 115, 256
Folding partition 10
Folding scheme (drawing) 5

Folding seat 201
Folding sizes (drawing) 5
Folding stairs 122
Font 285

Food serving system 182 Foot bath 372, 373 Foot disinfection point 363 Football 320, 321, 322 Football pitch 318 Football tennis 322 Footpath 382, 435 Forklift truck 281, 562

Formal dinner place setting 174

Foundations 66, 69

Framework for climbing plants 432

Free flow 180 Freezer 151 French curves 19

Fresh food supermarket 258

Front-loader 448
Fuel cell 470
Fuel type 11
Fume hoods 204

Fun pipe (skateboarding) 346 Functional diagnosis 299 Functional neutrality 135 Funeral room 425 Furnishing (shop) 260 Furniture area (retail) 235

G

G-glazing 111, 516
Gallery access 144
Game dealer 265
Garage 166
Garden pond 442
Gas heating boiler 18
Gas installation 18
Gas meter 18
Gas pipe 18

Gas storage water heater 18

Gas supply 18

Gas supply plant room 316 Gastronorm system 179, 181 Gauge (railway) 408, 410, 411

GEFMA (German Facility Management Association) 49

General care 305 General care ward 307 General hospital 291

General technical contract conditions 61

Geothermal collector 469 Geothermal heat exchanger 529

Glare 495, 496, 499 Glare limitation 507

Glare prevention 496, 498, 499 Glare prevention angle 506

Glass 104 ff. Glass block 110 Glass properties 104 Global radiation 494, 501

Goat 453

Goat keeping 453 Goat shed 453

Golden section/ratio 30, 32 Golf course 331, 332 Goods and underfloor lift 134

Goods security system 119 Goods traffic 413 Goods wagon 413

Goose 452

Gooseberry bush 437

Grab barn 449

Grade-separated crossing 381

Grand piano 11 Grass cycle polo 31 Grave 425

Gravel 428 Gravel cover layer 92

Grid dimension 240

Gravestone 425 Great hall (university) 198 Greek alphabet 1 Green façade 433 Greengrocer's shop 261 Greenhouse 441

Grid 7

Grid lighting 503
Grid module 240
Grocer's shop 265
Gross built volume 63
Gross floor area 63
Ground failure 67
Ground moisture 71
Ground source energy 469
Ground transport network 419
Groundwater aquifer 36
Groundwater sample 67
Groundwater table 67, 68
Groundwater well 469
Group box (horses) 459
Group office 233, 239

Group room, children's daycare centre 188, 199

Grouped room floor plan (flat) 145

Grubber 448 Guest house 173 Guest room 175 Gutter 89

Group practice 290

Group room (school) 191

Gymnastic bench 353 Gymnastic horse 353 Gymnastics hall 352

Н

Half pipe 346 Halogen light bulb 501 Hammer circle 326

Hammer throwing 323, 324, 326

Handball 320, 322 Handling (airport) 421 Handrail height 120 Handrail profile 122 Hands-off (zoo) 229 Hands-on (zoo) 229 Hanger (roof) 86 Harmonica door 115 Hay 449

Hay storage 449, 460 Hay tower 449 Header course 76 Hearse 421 Heat exchange 471 Heat gain 475 Heat loss 473, 475 Heat pump 469 Heat rays 494

Heat recovery 526, 527 Heating 469, 532 ff. Heating boiler 468 Heating oil storage 535 Heating room 18

Heating surfaces 529, 532, 533, 534

Heating system 532 Heavy horse 459 Hen 452 Hexagon 30

Hexagonal classroom 195

High bar 353 High jump 323, 324 High jump pit 325 High silo 449

High-bay warehouse 269

High-pressure discharge lamps 499

High-rise building 244

High-rise building regulations 246 Hinge strap conveyor 267 Hinged casement 10 Hinged door 256

Hinged door 256 Historic building list 52

HOAI (Fee Regulations for Architects and Engineers) 50, 57

Hobby room (school) 195

Hockey 320 Holiday home 185 Home for the elderly 168 Honeysuckle 434 Hop 434

Horizontal storage (archives) 237 Horizontal structure (hospital) 293

Horizontoscope 493 Horse 341, 459

Horse keeping, singly/in groups 459

Horseshoe throwing 321 Hospital 291 ff Hot kitchen 180 Hot water cylinder 529

Hotel 171 ff. Hotel lobby 171

Hotel restaurant kitchen 178

Hotel room 171, 172

'Hot desk' office 234, 239 House sauna 372 House services 238

House supply connection 18

Housing area 136

Housing area regulations 67, 136 Housing subsidy regulations 136

Hub and spoke 418 Hurdles 324, 325 Hurdles track 325 Hydrangea 434

Hydraulic engineering construction 334

Hydraulic lift 128, 133

ı

ICAO (International Civil Aviation Organisation) 418

Ice dancing 345 Ice hockey 344 Ice skating 344, 462 Impact pane 99 Impact sound 477, 479 Impact sound insulation 479

Inch 555

Indiaca playing area 368
Indian horse (playground) 190
Individual dimensions 34
Indoor athletics hall 355
Indoor cycle polo 320
Indoor football 321
Indoor handball 320, 321
Indoor hockey 321
Indoor netball 321

Indoor public pool 362, 365, 368, 369

Indoor swimming pool 362 ff.

Induction 48

Industrial building 265 Industrial doors 116 Industrial trucks 267 Industrial unit building 265

Industry 267 ff.
Inn with food 176
Installation shaft 208
Installation sound 477
Insulated glazing 108, 109
Insulation 9, 78, 90, 92
Intensive care area 391
Intensive care room 309
Intensive medicine 309
Intensive treatment room 309

Internal cladding 90 Internal deck 140 Internal insulation 92 Intrusion detection 108 Intrusion detector 119

Investigation and treatment room 90

Island pay desk 257 ISO A paper formats 31 Isotope laboratory 206

Ivy 434

J Layout, factory building 263 Lavout plan, official 66 Javelin area 326 Lead wall 360 Javelin throwing 323, 324 Lectern 285 Joinery 216, 274 Lecture theatre 199 Just-in-time production 268 Lecture theatre form 198 Lecture theatre seating 201 Lecture theatre size 199 Κ LED lamps 502 Lending counter (library) 250 Kayak 339 Letting office space 231 Kilogram 555 Level, levelling (foundations) 66 Kindergarten 188, 189 Levels (drawings) 6 Kindergarten after-school care 188 Library 196, 202, 259 ff. Kitchen 149 ff., 196 Life-cycle assessment 48 Kitchen area 179 Life drawing class 198 Kitchen bar 154 Life expectancy of buildings 50 Kitchen fittings 154 Lifeguard's room 365 Kitchen type 150 Lift 128 ff., 407 Kitchen with dining area 150 Lift car 133 Kitchenette 149, 150 Lift control 129 Kiwariho method 32 Lift emergency call system 119 Krainer wall 436 Lift group 246 Lift machinery room 130 ff. Lift shaft 130 L Lift shaft access 130 Lift, glazed 134 Laboratory 203 ff., 291 Lifting platform 227 Laboratory bench 204, 205 Lifting podium 212 Laboratory equipment 204 Liaht 503 Laboratory workplace 203, 204 Light band 103 Labyrinth layout (museum) 208 Ladder feed rack 454 Light bulb 501 Laminated glass 104 Light colour 507 Light deflection 106 Lamp 501 ff. Lamp luminous flux 508 Light density contrast 498 Lamp systems 501 Light direction 507 Lamp type 503 Light distribution 503 Land mile 555 Light dome 103 Land use planning 56 Light fitting materials 507 Land use regulation 56 Light reproduction 507 Land use plan 56 Light shelf 496 Landing 120 Light transmittance 104 Landing strip 419 Light type 503 Landscape design 427 Light wall 110 Landscape protection support plan 418 Lighting 510 ff. Landside 421 Lighting arrangement 506 Lane (bowling) 361 Lighting calculation 508 Language laboratory 191 Lighting intensity 507

Larder 165

Lawn 438

Large slab paving 435

Lattice beam 87

Laundry 281, 282

Layer factor 472 Laying coop 452

Laying hen 455

Laying nest 452

Large-area spreader 448

Laundry supply (hospital) 315

Large restaurant kitchen 180, 181, 182

Lightning protection zone 487
Line type 7
Line widths 7
Linear accelerator 303
Linear chaining (museum) 208
Linear concept (airport) 419
Linear structures (roof) 94
Linen cupboard 159

Lightning protection 16, 485

Lighting level 507

Lighting type 505

Lighting symbols 501

Index

Liquid slurry 450 Liquid slurry channel 450 Listed building protection 52 Listener curve 198

Liturgical element 285 Living room/area 160

Load-bearing construction 95

Loading bridge 462 Loading wall 260 Loading yard 461 Loam 428 Lobby (house) 147 Lock suite 117 Loft window 102

Log cabin construction 78

Logatom 482 Loggia 155

Long and triple jump pit 325 Long jump 323, 324 Long spirit level 66 Loop layout (museum) 220

Loudspeaker 223 Loudspeaker posts 226

Low and high pressure ventilation (laboratories) 204

Low-smoke layer 519 Low-temperature heating 469 Low-voltage halogen lamps 502

Luminance 501, 507 Luminance distribution 507 Luminous flux 507

Luxury hotel 173

М

Machinery and equipment hall (farm) 448

Magnetic flux density 38 Main corridor 296 Main stand 318

Maintenance (building) 50

Make-up 216 Make-up artist 216 Make-up room 216 Manger element 458 Marina 338

Massage couch 290, 374 Massage room 372, 374

Mast cable 15
Mat trolley 356
Maternity 294, 303
Mathematical symbols 1
Measuring stick 66
Most processing plant 27

Meat processing plant 279

Mecca 289

Mechatronic cylinder lock 117 Media centre (school) 193 Media desk (lecture theatre) 201

Meeting room 176 Meeting zone 235

Mercury vapour lamp (high pressure) 502 Mercury vapour lamp (low pressure) 502 Meridian degree 556 MERO spaceframe 31 Mesh conveyor 267

Metal vapour halogen high-pressure lamps 502

Metalwork 276 Metre 26, 555 Micro brewery 258 Middle bond 76 Mikva 288 Mile 55 Minaret 289

Mineral fertiliser 448 Mineral pool 374 Miniature golf 329 Minigolf 330 Mirach wall 288

Mixed filter (drainage) 72 Mixed masonry 74

Mobile shelf unit (archives) 249 Model building regulations (MBO) 56

Model pane 106

Model programme for schools 196 Modernisation (buildings) 50 Modular construction dimension 34

Modular coordination 35

Modulor 27 Monorail hoist 267 Mooring 335, 336 Mooring post 334 Mortuary 421 Mosaic flooring 84 Mosaic paving 445 Mosque 289 Motel 186

Motorhome park 187 Movement area 23, 235 Moving table 267 Moving walkway 127 Multi-car lift 129

Multi-chamber sedimentation tank 536 Multi-chamber septic tank 536 Multi-storey building 140, 142, 266

Multi-storey car park 404 ff. Multiple nodule 35 Multiplex cinema 224, 225 Museum 207, 208 Music teaching 192

Ν

Narrow formats 4

Narrow-gauge railway 409 ff. National technical approval 512 National technical test certificate 512

Natural camping site 187 Natural stone masonry 74 Natural stone slab 84 Natural swimming pool 443 Neighbours' rights 430 Nesting box (poultry) 452 Net built volume 63 Net floor area 63 Netball 320

Newborn baby care 308 Night flights regulations 418

Night safe 253 Nodes (airport) 418 Noise vestibule 199 Nominal dimension 34 Non-aviation area 421 Non-swimmer pool 365, 367 Non-ventilated pitched roof 93

Northlight glazing 265 Nuclear medicine 291 Nursery 188 Nurses' station 207 Nursing mothers 308

0

Object lighting 506

Obligation to obtain building permission 59 Obstruction limitation areas (airport) 420

Octagon 31 Office depth 234 Office form 239 Office structure 232 Office work 231 Office, reversible 233 Oil firing 532

Oil tank 535 One flat per floor 142

One-piece steel door lining 118

Open dewatering 68 Open floor plan 143, 155

Open sales 254

Open shelving (library) 247

Open stage 216
Open-air classroom 195
Open-air enclosure (zoo) 229
Open-air surveillance 118, 119
Open-air swimming pool 371ff.
Open-plan office 233, 239

Opening 8 Opening inward 98 Opening outward 98 Opera 210, 214

Operating theatre 301, 302

Operation 301

Operations control centre 301

Orchestra 220 Orchestra member 216 Orchestra rehearsal room 217

Organ 220

Orientation lighting 501 Original format 4 Ornamental glass 108

Ounce 555

Outpatients 291, 297

Outpatient operations (day surgery) 297

Outpatient medical centre 297 Outline building permission 59

Oven 11, 151

Overall resistance (insulation) 471

Overflow gutter 370 Overground tank 450 Overhead line system 406

Owner-occupied House Allowance Law 136

Р

Pace length 29 Pad foundation 69 Paddling pool 365, 367 Paint scheme 41

Paint spraying workshop 280 Painting room (theatre) 216

Palladio, Andrea 32

Pallet 269
Pallet rack 269
Pallet truck 267
Pane format 106
Panel radiator 533
Panic door 117
Panorama lift 134
Panorama mask 493

Pantry 162
Paper formats 4
Paper shredder 464
Paper, cutting 19
Parallel bars 353
Parallel runway 419
Parking cylinder 399
Parking platform 398
Parking shelf 399
Parking spaces 393
Parking system 398
Parking tower 399
Parklift 397
Parquet floor 83

Partial water vapour pressure 472

Passenger 407 Passenger lift 130, 131 Passenger traffic 418

Passing width (stairs) 120, 122 Pastoral care (hospital) 312 Path of the sun 489, 490, 492

Pathology 300 Paths 435

Patient bath 306, 307
Patient cupboard 306
Patient lounge 307
Patient room 305, 306
PC room (university) 202
Pedestrian traffic 407
Pellet heating 468
Pentagon 30
Pentagram 30

Pharmaceutical supply 325

Pergola 432

Index

Photo laboratory (school) 192, 204

Photovoltaics 467 Physical units 2 Physiotherapy 303

Piano 11

Picking (warehouse) 268 Picture format (cinema) 222 Picture projection 222 Picture size 222

Pier concept (airport) 422 Piglet production 447 Piled foundations 70

Pint 555 Pipe sound 480 Pipe ventilation 523 Pipe vine 434

Pipelines for fire-fighting water 518

Pipework 9, 522, 526 Pitch of stairs 121 Pitched roof 86 Place setting 154, 174 Planar structure (roof) 91 Planked lane (bowling) 361

Planning 56

Planning diagram 263

Planning drawings regulation 56

Plants 432 Plant support 433 Planting time 437, 442 Plaster room 302 Plastics laboratory 203 Platform (station) 407, 416, 417

Platform trolley 267 Play (theatre) 210 Playhouse 190, 213 Playground equipment 189

Playing area (sports) 320, 322, 323, 324, 326

Plot coverage ratio 63

Plough 448

Plunge pool 372, 373, 374

Plus roof 92 Podium 213 Podium area 199 Point lighting intensity 507 Points (railway) 412 Polar coordinates 20 Pole vault 323, 324 Pole vault pit 325 Polygon 32

Pommel horse 353 Pony 459

Pool length 367

Pool pallet (warehouse) 269 Pool perimeter 365, 367

Pool table 375

Pool types (sauna) 374 Portioning kitchen 181

Posts (roof) 86 Post room 238

Postoperative patient monitoring 302

Pot washing 180

Potty room 189 Poultry dealer 261 Pound 555

Poured concrete construction 88

Practical laboratory 203 Pram room 165 Praver hall 288, 299

Pre-cast concrete element 266

Precision stage 53 Prefabricated pool 442 Prefabricated roof truss 87 Prefabricated screed 83 Preferred number 54 Preliminary design 58 Preliminary phase 61 Preliball 320

Preparation room 301 Primary energy 471, 474, Primary school 196 Primary structure 483 Private Building Law 57

Probina 67

Production, industrial 264 Production forms 264 Production sequence 264 Profiled glass 109 Project development 48 Projection (lecture theatre) 201 Projection building (cinema) 226

Projection cabin 226 Projection of tie beam 87 Projection room 222, 226

Projection wall height (lecture theatre) 201

Projection wall width 201 Projector (cinema) 222 Property management 49 Proportion figure 33 Proportion rule (theatre) 223 Proscenium height 212 Protected contact (zoo) 229

Protection of ancient monuments 51, 52

Protection of existing use 52 Psychiatric care 310, 311 Public Building Law 56 Public library 247, 250 Public rooms (theatre) 217 Public swimming pool 362 ff.

Public transport 406 Pull cylinder 128 Pull-out table 11 Pulpit 285, 289 Pump sump 68

Pumping system (drainage) 522

Punch ball 356 Purlin roof 86 Pythagoras 30

Pythagorean triangle 30

Q

Quay 335

R

Rabbit hutch 453
Racing gig 339
Radar damping 112
Radiation therapy 303
Radiators 532, 533
Radiaesthesia 36

Radiological diagnosis 300 Raft foundation 69 Rafter roof 86, 87 Rail profiles 406 Rail transport 408–412 Rain storage tank 436 Rainwater 522, 523, 526, 527

Rainwater butt 436
Rainwater drainage 526
Rainwater management 436
Rainwater run-off 526
Rainwater storage tank 436
Ramp 121, 123, 194, 393
Ramp arrangement 226
Ramp height, theatre 212
Ramp width, minimum 396
Ramp slope angle 392

Rapid urban transport railway 403

Raspberry 437 Raspberry planting 437 Raster22® 417 Reading place 249 Reading room 247 Reading workplaces 202

Rebuilding 50

Reception 171, 290, 299

Reception building, railway station 415

Reconstruction 50 Recooling plant 316 Recovery room 301 Rectangle 31

Rehearsal stage 217

Refrigerated display case 20

Refurbishment 50 Regatta course 340 Regional Planning Law 56 Regulated building product 512 Rehearsal room 216, 217

Reinforced concrete pre-cast element 88

Relative humidity 472
Relaxation room 372, 373, 374
Renewable energy 466
Rented offices 234
Repacking checkout 257
Repair 50, 73, 79, 81
Replacement (of building) 46
Research laboratory 206
Residential density 137
Residential quality 137
Residential surroundings 139

Restaurant 176

Restaurant kitchen 178–180 Restaurant with finger bar 178 Restoration (of building) 50, 51

Retail Regulations 255 Retaining wall 431 Retirement flat 168 Reverberation 219, 221

Reverberation time 222, 223, 482

Revetment 439
Revetment wall 439
RFID chip 117
Riding facility 341
Riding track 341

Right-angled isosceles triangle 31

Ring support frame 353

Riser 122 Roads 376 ff. Road categories 377 Road cross-section 377, 380

Rock slope 439 Rocking horse 190 Rod earthing electrode 486

Roller 445

Roller conveyor 267
Roller door 116
Roller skating rink 345
Rolling shelves 252
Rolling stock 407
Roman numerals 1
Roof 85 ff.
Roof boarding 90
Roof construction 90, 94
Roof covering 86, 88
Roof drainage 527
Roof glazing 104

Roof planting 96
Roof stairs 122
Roof truss 86
Roof waterproofing 95
Rooflighting 497

Rooflighting, light quality 497 Room acoustics 220, 482 Room areas (drawings) 6 Room climate 37

Room climate, museum 207

Room features 172 Room numbers 6 Room schedule 57 Room surveillance 122 Room theme 42 Room volume 220 Rotating seats 201

Room division 135

Round tour, loop (museum) 208

Roundabout 381
Routeing 259
Row grave 425
Row width (theatre) 215
Rowing basin 339
Rowing boat 339
Rowing machine 358
Rubbish chute system 463
Rubble masonry 74

Rugby 320 Run-up field 324 Run-up track 323 Running track 323-325

Runway 419

s

Sabine formula 482 Saddle room 341, 460

Safe 253

Safety space 379 Sales area 255 Sales counter 261 Salomonic temple 288 Salon grand piano 11 Salt-water pool (sauna) 374

Samba stairs 122 Sanctuary 188 Sand 425 Sandpit 190

Sanitary facilities 194, 354, 364, 365, 367

Satellite office 239 Sauna 371 ff. Sauna cabin 372-374 Sauna oven 372

Saw-tooth loft window 103

Scale 6

Scanned image 40 Scenery store 215 Scenery workshop 216 Schleuderball 320 Schools 191 ff.

School building guidelines 194

School kitchen 193 School library 193 Scientific library 247, 251

Scissor lift 469 Screed 83

Screen (cinema) 222, 223 Screw conveyor 267

Sea mile 555

Seat row 223, 226, 319, 354 Seat step (stadium) 319 Seat width (stadium) 319 Seating 201, 203 Seating arrangement 286

Secondary structure (acoustics) 484

Section, showing on plan 6 Sectional door 116 Sectional radiator 533 Security training 107 Security glazing 107 Security systems 17

Seepage (rainwater) 71, 436

See-saw 190

Seepage water 71 Self-cleaning glass 106 Self-service buffet 178 Self-service cafeteria 177 Self-service restaurant 176, 178

Self-service shop 262 Semi-detached house 139 Seminar rooms 176 Senior doctor 307 Sepaktakraw 322

Servery 180, 182, 196

Separation/compensation layer (roof) 92

Service area 179 Service contract 57 Service counter (library) 262 Service shaft (laboratory) 217 Service support point (catering) 176

Service unit (hospital) 312 ServicePoint (station) 415

Set square 19 Setback area 64 Setting out 66 Settlement 67 Sewer 522

Shadow construction 491, 493 Shadowing 495, 496, 498

Shaft 130 Shaft plan 133 Shaft ventilation 451

Sheep 454

Sheep shed, housing 454 Sheet size (drawing) 5

Sheet steel pile construction 67 Sheet steel pile wall 334

Shelf 260, 269 Shelf spacing 2, 281 Ship's ladder 134 Shoe-removal bench 363 Shooting range 348 Shop 254 ff.

Shoplifting protection system 129

Shopping arcade 255 Shopping centre 254 Shopping trolley 260 Short pen 458

Shop window 256

Short-term care department 169

Shot put 323, 324, 326 Shot put bar 326 Show jumping ring 342 Shower 11, 161 Shower room 161, 364 Shuffleboard 321 SI units 2, 3 Side gutter 361

Side-hung door 115, 256

Sideways-opening sectional door 116 Sight line construction 212, 319 Signal and radio device 14 Signalling system 407

Silage 449 Silage heap 449 Sill height 97 Silver lace vine 439 Simplified building approval process 59

Single box, open stable 459

Single boxes 459 Single checkout 257 Single lift 131 Single office 235 Single pen 457

Single practice (doctor) 293

Single room 172

Single room, radiation protected 310 Single ventilation system 529

Single window 10 Single workplace 235 Single-bed room 305, 308

Single-button collective control (lift) 129 Single-case approval (fire protection) 512

Single-leaf walls 75

Single-room offices 233, 239 Single-row office block 241 Single-shaft ventilation 539

Sink 11, 151 Skateboarding 346 Sketching 19 Sketching paper 19 Ski jump 343 Skimmer 371, 374

Skin friction (foundations) 70

Skittle alley 361 Slab chase 8

Slab construction 80, 91

Slab groove 8 Slab opening 8 Slat conveyor 267 Slide 190, 267 Slide house 190

Sliding door 10, 115, 116, 128, 256

Slipway 334 Slope 428, 439 Slope design 439 Slope support 428, 439 Slot machine 375 Slurry pit 450 Slurry tank wagon 447

Small animal hutch 449 Small dimension 34

Small field (athletics) 336 Small multi-storey car park 397 Small rubble paving 435

Small sewage treatment plants 536 Smoke and heat extraction systems 519

Smoke apron 519 Smoke extract 103

Smoke extraction systems 519

Smoke layer 519
Snack bar 176, 178, 179
Snail (geometry) 31
Snail (playground) 190
Social interaction area 139
Social services (hospital) 312

Sodium vapour high-pressure lamps 502

Sofa 11

Soft gel base 78 Softball/rounders 321

Softball/rounders throwing area 324

Soil, definition 428 Soil improvement 429 Soil investigation 67 Soil loosening 429 Soil sample 67 Soil stack 522, 524, 526 Soil water production 536

Solar cell 467

Solar control glass 105, 106 Solar position diagram 489 Solid fuel boiler 468

Solid manure production 450 Soloist's dressing room 216

Sound 221, 477

Sound absorption 477, 480 Sound insulation 100, 477 Sound insulation class 100

Sound level 477 Sound louvres 287 Sound pressure 477 Sound reduction 111, 477 Sound reproduction 223, 226

Sound system 222 Source ventilation 252

Spa 373

Space frame 31, 91

Space requirements 28, 174, 175 Space-saving stairs 122 Spacing of lights 506 Spacing of tree planting 376 Special contract conditions 61 Special services (contract) 57 Special wastewater 527 Specialised supermarket 254

Specialised shop 254
Specialist hospital 291
Speciality restaurant 179
Spectator arrangement 355
Spectator facilities 319, 358, 365

Spectator place 358

Speech comprehension 489 Spiral ramp 396

Spiral ramp 396 Spiral stairs 120, 123 Split level 140 Sports hall 328, 350 ff.

Sports hall glazing 109 Sports venue 318 Spotlight 505, 506 Sprayed ice rink 344 Springboard 366 Sprinkler system 520 Sprocket 87 Sprung horse 353

Sprung horse 353 Square 30, 33 Square mile 555 Square planting 433

Square root 31

Squares (garden design) 435

Squash 357

Stable passage 459

Stables 459 Stacker 287 Stacking 139 Stacking box 269 Stacking goods 557 Stadium 318 f.

Staff area (restaurant kitchen) 180

Staffed cloakroom 272 Stage 209, 212, 220 Staged filter (drainage) 72 Stair flight length 120 Stair width 318 Stair with ramp 123 Staircase 120

Stairs 10, 120 ff., 407, 415 Stairs, clearance gauge 121 Stairs, legally essential 120 Stairs, minimum dimensions 120

Stairs with landing 121

Stand 354 Stand roofing 319

Standard cross-section 380

Standard formats 4

Standard structure gauge 411

Standard tractor 448 Standardised drawing 5 Standing place 319 Standing slot machines 375

Standing water 71

Star-shaped earthing electrode 486

Start-up centres 234 Starting block 365

State building regulations (LBO) 56

State library 247 Statement printer 253 Station 404, 423 ff. Station passage 415 Steel belt conveyor 267 Steel radiator 533 Steel tube radiator 533 Steeplechase 323, 325 Step detail 123 Step profile 122 Stepped house 139 Stepped ramp 123

Stereo optical sound system 223

Sterile goods room 301 Sterile goods supply 313

Sterilisation 291 Sterngolf 330 Still image 40

Stepped sink 11

Stomach muscle board 358, 359

Stone block step 432 Stop (train/bus/tram) 404, 405 Storage 215, 268, 315 Stored goods 557 Storey height 242 Storey slab 80 Straight edge 66 Straw storage 460 Stream cross-section 442

Street furniture 394
Street lighting 501
Street space 376
Streetball 320
Stretcher bond 76
Stretcher course 76

String line 66
Strip footing 69
Strong room 253
Structural dimension 34
Structural glazing façade 116
Structural sound transmission 479
Structural window opening 97
Structure-borne sound 477, 481

Strutted purlin roof 86 Student building 200

Student hall of residence 167 Stunt riding space 341

Stunt riding space 341

Subsidiary rooms (industry) 272

Subsoil 428 Suite (hotel) 172

Summer solstice 488, 490-492

Sun height curve 490 Sun input factor 474 Sun position 488 ff. Sun protection 498–500

Sunshine 493

Sunshine duration 488, 494

Supermarket 262

Supervision of construction 62

Superyacht 338
Superyacht marina 338
Supply area (hospital) 313
Supply system (laboratories) 205
Support for climbing plants 432 ff.
Support of construction 62

Surface air film 472 Surface heating 533 Surface resistance 468 Surgery 291, 301, 305 Surveillance equipment 121 Surveillance system 122 Surveying existing building 53 Sustainability 46, 47

Sustainability 46, 47
Sustainable architecture 46
Sustainable building 46
Swimmers' pool 365, 367
Swimming lane 367
Swings 202

Swings 202 Synagogue 288

Système International d'Unités (SI) 2, 3

Т

T-square 19 Tabernacle 285 Table 11, 154

Table arrangement 175, 191, 192

Table size 176 Table tennis 357 Tailor's shop 280

Take-off and landing charge 418

TAMbeach 322

Tapered lane (bowling) 361

Tea room 178 Teaching room 192 Technical drawing 5 Technical function area 63 Telecommunications 317 Telescopic door 115 Telescopic lifting door 116 Television shop 280 Temperature 555

Temperature correction factor 475

Temperature curve 471 Temporary exhibition 207

Tender 61 Tennikoit 321 Tennis 322, 327 Tennis court 327 Tennis hall 328 Tennis wall 327 **Tent 187**

Tent method 433 Terminal (airport) 419

Terrace, terraced house 139, 141

Theatre 32, 209 ff. Theatre building 209, 210 Theatre design 209 Theatre space 213 Thermal bridge 473, 474 Thermal bridge supplement 475 Thermal conductivity 471

Thermal insulation 78, 90, 92, 99, 472 Thermal insulation double glazing 109

Thermal mass 475 Thermal pool 374 Thermal resistance 471 Thermal transmittance 471, 475 Three-purpose theatre 210 Three-row office block 241 Three-section sports hall 352 Three-wheeled trolley 267 Through-flow cooker 182 Through-flow roaster 182

Throwing field 324 Ticket office 226 Ticket machine 415 Tilting window 102

Timber framed construction 78

Timber measures 554 Tipping angle 446 Title block 5 Toboggan run 344 Toilets, see WCs

Throwing circle 326

Tolerances, structural openings 99

Top rope wall 360 Topography 42 Topsoil 428, 438, 445 Topsoil protection 428 Total theatre 210

Toughened safety glass 104

Town house 139

Track and chain conveyor 267 Track and field 323, 324 Track bed (railway) 406, 408 ff. Track radius (railway) 408 Traction sheave lift 128 Tractor 190, 448

Traffic and escape route (schools) 194

Traffic area 63, 194 Traffic calming 385 Traffic space 379 Tram 406

Tram stop island 407

Translocation 50 Transmission heat loss 475

Transmitted heat demand 471

Transparent paper 5

Transparent thermal insulation 106 Transport capacity 126, 131, 267 Transport, goods (industry) 267 Transport technology (industry) 267 Transporter concept (freight) 422 Transverse wave (sound insulation) 477

Travel Centre 415 Travel speed 133 Travellift 338

Travelling overhead crane 267

Tray trolley 182 Tread 120 Tread surface 122 Treatment room 307 Tree staking 438 Trial pit 67 Triangle 30, 31, 33

Triangular planting 433, 437 Triangular roof structure 87

Triple jump 323 Trumpet vine 434 Trussed construction 91 Tuning-up room 216

Turf 440

Turning circle 392, 401 Turning head 392 Turning place 392, 409 Turnstile (retail) 256

Two-button collective control (lift) 129 Two-room housing (goats) 453 Two-row office block 241

Two-sided living 140 Two-wheeled cart 267

Type area 4 Type of boat 333 Typology 42

..

Underfloor convector 534 Underfloor heating 534 Underfloor lift 134 Underground railway 406

Underlay 90

Underwater concrete invert 68

Underwater plants 442 Underwater pump 68 Units, conversion 556 Units, symbols 2 University 198 ff. University clinic 291 University facilities 198 University library 251

Unpressurised drainage 522, 523, 546 Unregulated building product 512

Up-and-over door 116

Up-and-over folding door 116 UPS system (em power room) 465

Upside-down roof 92 Upward-folding door 116 Urban railway 406 Urn 424

Urn grave 425 Usable area 63 Usable width 175 Use (of building) 46 Utility room 163 Utility yard 314, 315

٧

Valve sound 480

Vapour barrier 90, 472, 473

Vapour pressure compensation layer 92, 473

Vaulted northlight roof 265 Vaulting layout 353 VdS CEA guidelines 520

Vegetation 437
Vehicle access 392
Vehicle repair worket

Vehicle repair workshop 277 Vehicles 387, 388, 397 Vent pipe (dr) 522

Ventilated pitched roof 90 Ventilation 523, 528–530

Ventilation cross-section 528 Ventilation device 531 Ventilation duct 538 Ventilation heat loss 475 Ventilation on demand 529 Ventilation shaft 537–539

Ventilation space 90

Ventilation system 523, 524, 528, 530 Verrier-palmette plant training 432

Vertical access (flats) 142 Vertical bars (playground) 190

Vertical joint (brick and block masonry 76 Vertical section of shaft (hydraulic lift) 133 Vertical storage (archives) 237 Vertical type (hosp) 296

Vestry 286

Vibrating harrow 448 Vine 429, 434 VIP area 319

Visitor numbers (stadium) 318

Visual indicator 16

Visual protection (curtains, blinds) 96

Volleyball 321, 323 Volume (sound) 477, 554

w

Wagon shed 448 Waiter passage 180 Waiter station 176

Waiting room (doctors' practice) 290 Waiting zone (supermarket) 257, 258

Wall light 505 Wall lighting 506 Wall opening 114 Wall shelf 260 Wall washer 505

Wall-mounted swivel crane 267 Walls (garden) 439, 440, (slope) 449

Ward optrance lobby

Ward entrance lobby 298

Warehousing, warehouse system 268

Warm façade 112 Warm roof 92 Washbasin 11

Wash room (sauna) 372, 373

Waste chute 11 Waste crusher 464 Waste disposal unit 11 Waste press 464 Wastewater 522

Wastewater drain connection 522, 524, 525

Wastewater lifting system 525, 527 Water area (ind sw p) 365, 367 Water care (pr leisure p) 371 Water level (exc, founds) 66

Water jump 326 Water plant 442, 444

Water pressure (tanking, basem dr) 72

Water supply 12, 13

Water under pressure (see 2 up) 71 Water vapour diffusion (th ins) 472

Water without pressure 71

Water-spray extinguishing system (fire, other ext) 521

Waterball goal 366 Waterball playing area 366 Waterbound paving (ext wks) 432

Waterproof concrete basement (drainage, tanking) 72

Waterproofing 71

Wave breaker (stad, sp stands) 319 Wave pool 365, 367, 368 (diff pools)

WCs 11, (rms) 160 161, (catering)175, (schools) 194, (th/wshps/st rm) 216, (offbldgs) 238, (ind) 270, (svc areas) 402

Weather protection system (rlwy platform 417

Weekend cabin 185

Weighing table (univ,labs) 206

Weight 23, 24

Weighted sound reduction (sound insul) 477

Wellness (sauna) 373, 374

Wet rubbish (sup/disp, rubcolrms) 464

Wheelchair 21

Accessible parking place 21, 22, 23 Whole glass doors (glass doors) 108

Wide base type (hosp) 292

Wide screen projection system (cin) 228

Wigwam method (trellis) 430 Climbing/Winding plant (trellis) 432

Window arrangement 96 Window daylight 495, 498 Window module (off/grid) 240

Window size 100 Window type 102

Windows in recessed jambs 10 Windows, wrap-around frames 10

Wine cellar 164

Wire cage (rabbits) 450

Wire glass (insul glazing) 105, 108

Wire mesh (tr,sup,prot) 433

Wisteria (trellis pl) 434

Withers height (Wh,horse) 459 Wood chip heating (bioen) 468 Wood gasification 468 Wood paving (fl) 83 Wooden bowling ball 361 Work phase 57–62

Working area (off/spreq) 235 Workplace layout (off/spreq) 235 Workplace Regulations (ind) 264 Workroom, clean/dirty (hosp/care) 307

Works contract 57

Workshop building (th) 216

Workshops 274 ff.

Χ

X-ray department 291 X-ray machine 290

Υ

Yard 555 Yoke (bell) 287 Young cattle 457 Youth hostel 184

Z

Zoo 228 ff.

Index