A	C
Acknowledging the request, 106	Capital expenditure, 39 budget/actual report, 87 five-year plan, 41 Capital expenses, differences between maintenance expenses and, 39
Administrative assistants, 10, 15	
Aesthetics, 20	
After-hours requests, 114	
Aluminum cans, recycling, 80-81	Capital improvement plan, 34
Annual maintenance plan in analyzing expense categories, 38	Carbon footprint, 83
	Cardboard recycling, 80
Annual management plan, 90	Cash flow, 1, 5 projections and budgets, 91
Annual preventive maintenance, 28	
Anticipated data in analyzing expense categories, 38	Client, managing assets of, 120
	Co-employment, 63
Apartments exterior inspection report of, 22-26 interior inspection report of, 96-99 turnover of, 3 Assets	Code of Professional Ethics, 117-122 adhering to code, 121-122 conflict of interest, 119-120 managing assets of client, 120
maintaining, 2–3	duty to tenants and others, 121
managing, of client, 120	Commercial tenants
Assistant managers, 10, 15 in conducting inspections, 21	types of maintenance impacting, 93 working with, 93-95
В	Common areas, renovation projects in, 101
	Communication
Benchmarking, 42, 83	with property owner, 85-92
Bidder's conference, 65	annual management plan, 90-91 budget and cash flow projections, 91
Bidding process, 45-47	major renovations, 86, 89
Biweekly preventive maintenance, 28	management reports, 85-86
Budgeting. See also Maintenance management budget cash flow projections and, 91 zero-based, in analyzing expense categories, 38	meeting with, 91-92 unbudgeted maintenance expenses, 89-90 providing positive, 100-101 Competition in real estate industry, 3-4
Building engineers, 75	Computerized maintenance management
Building envelope, 29	system (CMMS) database, 68
Buildings	Condition and age, 20
economic life of, 2	Conflict of interest, 118-119
physical life of, 2	Construction phasing timetable, 88
value of, 4-5	Consultants
Building technicians, 75-76	hiring, 29 scope of work of, 29-30

Managing Your Maintenance Programs

Continuous Services Agreement, 47	Formal customer service surveys, 110
Contracts. See Maintenance contracts	Front-page test for ethics, 122
Coordination of notice, 94	Funds, assessing amount of available, 34-35
Corrective maintenance, 5, 28	G Glass recycling, 81
Corrective repairs, 69, 74-75	
Cosmetic maintenance, 5, 27-28	
Cost/benefit analysis, 36	Government involvement in safety issues, 2
Curb appeal, 3-4, 20-22, 28, 36	Green buildings, 3
	Н
D	Historical data in analyzing expense
Daily preventive maintenance, 28	categories, 38
Daily updates, posting, 95, 101	Hold period, 33-35
Day matron/day porter, 76-77	HVAC repair, 94
Deferred maintenance, 27	1
Draft specifications and drawings, 29-30	Immigration Reform and Control Act (1986
E	(RICA), 54, 63
Economic life, 2	Initial inspections, 19
Electronic messages, 105	Inspections, 19-31
Elevator maintenance, 94	assessing insurance risks, 31
Emergency contact lists, 67-68	conducting, 19-21
Emergency maintenance, 27-28	determining maintenance needs through, 22, 27
ENERGY STAR ratings, 83	draft specifications and drawings, 29-30
Ethical self-tests, 117, 122	duration of, 20-21
Ethics	focus of, 20
code of ethics, 117	forms for, 22
defined, 117	frequency of, 20
family test for, 122	hiring consultants, 29 identifying problem areas, 29
in maintenance management, 117-122	mode of, 21
professional, 117, 119, 121	of older properties, 20
Executive managers, 9-10, 15, 17	personnel conducting, 21-22
F	proactive, 21
Family test for ethics, 122	reactive, 21
•	regular, 19
Feedback, eliciting, from tenants and residents, 110	reviewing warranties, 30-31
Fiduciary, property manager's role as, 118	of shopping centers, 20 staff availability and, 20
Five-year capital expenditure plan, 41	Insurance, assessing risks, 31
your oupons onponsature plant, it	IR FMFIR ST forums 46

J	Maintenance management plan, roles in
Janitorial services, 45, 47, 59, 67, 80, 82-83	developing and administering, 9-17
L Landlord responsibilities, determining, 2, 62, 95, 110-113 Landscape services, 45 Landscaping, sustainable, 81-82 Large tenant moving, 94 Leasing, 3	Maintenance management program importance of, 1–8 operating, 5–6 reasons for developing and operating an effective, 2 supervising, 67-83 emergency contact lists, 67-68 on-site personnel, 75-76 proximity and oversight, 78-79 schedules, 68-69
M	sustainable practices, 79-83
Maintenance agreement on, 48, 57-66 corrective, 28	Maintenance managers, role of, in conducting inspections, 21-22
cosmetic, 28	Maintenance personnel, 15-16
cost of poor, 1	Maintenance plan, 5, 10, 29, 33-43
deferred, 27 determining needs of, through inspections, 22, 27 emergency, 27-28 forms on CD-ROM, 123-128 handling calls, 104 routine, 27	Maintenance request log, 106 Maintenance requests, 103-116 receiving and responding to, 103-104 using website for, 106 Maintenance schedules, 68-69 Maintenance technicians, role of, in
Maintenance contracts, 45-66	conducting inspections, 21-22 Major renovations, 86, 89
agreement overview, 48, 57-66	Management reports, 85-86
bidding and awarding, 6, 65-66 bidding process, 45-47	Marketing, 3
ensuring protections and standards, 47-48	Material safety data sheets (MSDSs), 61
Maintenance expenses differences between capital expenses and, 39 unbudgeted, 89-90	Mechanical systems, 29 replacement of, 28-30
Maintenance line, 104	Metal cleaning, 47
Maintenance management, 1, 8 ethics in, 117-122	Monthly preventive maintenance, 28
planning calendar for, 33, 69 software programs for, 5, 115-116	Notice of Substantial Completion (sample document), 101
Maintenance management budget, 33-43	0
assessing amount of available funds, 34-35 building your, 35-36	Older properties, inspections of, 20
establishing priorities, 38-43 property owner's goals and objectives, 33-34	One-Time Services Agreement, 47-56 Online and e-mail response options, 105-106

Managing Your Maintenance Programs

On-site maintenance personnel, 75-76	goals and objectives in budgeting of, 33-34
Owner reports, 85-86	meeting with, 90-91
P	Proximity and oversight, 78-79
- Parking lot seal and repair, 94	Q
Pass-through clauses, 113	Quarterly preventive maintenance, 28
Physical condition checklist, 11–20	R
Physical life, 2	Reactive inspections, 21
Portfolio managers, 20, 35, 42	Real estate industry, competition in, 3
Power upgrades, 94	Real estate investment, asset of, 1
Predictive factor, 72	Record keeping, computer software programs for, 36
Prenuptial paragraph, 63-64	
Preventive maintenance, 28	Recycling programs, 80-81
annually, 28	Regular inspections, 19
biweekly, 28 daily, 28 monthly, 28	Renovations major, 86, 89 projects in common areas, 101
quarterly, 28 weekly, 28	Request for proposal (RFP), 45-46, 66
Preventive tasks, 69, 72, 74	Residential maintenance project, notice required for, 100
Priorities, establishing, in developing maintenance management budget, 38-43	Residents
Priority expenses, 34	determining responsibilities of, 110-113 working with, 95, 100
Proactive inspections, 21	Reusable microfiber, 83
Problem areas, identifying, 29	Roof repairs, 94
Property minimizing possibility of injuries on, 2	Rotation in cross training managers, 22 Routine maintenance, 27
type and location of, 20	Routine work, 69
Property condition assessments (PCAs), 29	
Property managers, 10 in conducting inspections, 21	S Safety issues, government involvement in, 2
as fiduciary, 118 Property owners	Scope of work, 60-65 consultants, 29-30
communicating with, 85-92 annual management plan, 90-91 budget and cash flow projections, 91	Service contract, response-time provision in, 67, 74, 77, 79
major renovations, 86, 89	Shopping centers, 3–4
management reports, 85-86	inspection of, 20
meeting with, 91-92	Software
unbudgeted maintenance expenses, 89-90	maintenance program, 5, 115-116 for record keeping, 36

Index

V Spreadsheets, 36 Staff availability, inspections and, 20 Value of building, 5 Stone cleaning, 45 Voicemail message, 104 Sustainable landscaping, 81-82 W Sustainable practices, 79-80 Warranties reviewing, 30-31 Т transferable, 30 Teleconferencing, 91 Website, using, for maintenance Tenant improvements, 94 requests, 106 allowances for, 39, 41 Weekly preventive maintenance, 28 Tenants. See also Commercial tenants Work orders, 106-109 determining responsibilities of, 110-113 documenting, 108 ethical duties to, 121 following up on, 109-110 retention programs of, 3 resolving, 111 surveys for, 95 Third-party contractors, 77-78 X Transferable warranty, 30 Xeriscaping, 80, 82 Trash enclosures, 41 Z U Zero-based budgeting in analyzing Unbudgeted maintenance expenses, 89-90 expense categories, 38 Unit turnover costs, compiling, 36

Utility personnel, 76