INTRODUCTION

ASA Model General Conditions Matrix. The ASA Model General Conditions Matrix compares form general conditions for construction contracts according to appropriate issue categories. The matrix also states Model General Conditions Best Practices for each issue category. The contents of the matrix were developed by ASA's Task Force on Model General Conditions (2002-2004) to serve as a tool and a guide for ASA task forces charged with providing input to industry organizations that publish form construction subcontracts, and any part of it is always subject to revision by those same task forces. Consequently, each page of the matrix is dated as of the last revision.

Documents Reviewed. Issues categories are treated alphabetically. The following documents are reviewed:

- AIA A201-1997. The General conditions of the Contract for Construction published by the American Institute of Architects (AIA) is designated the A201-1997.
- AGC 200 (2000). The 2000 edition of the Standard Form of Agreement and General Conditions Between Owner and Contractor (Where the Contract Price is a Lump Sum) published by the Associated General Contractors of America (AGC) is designated the AGC 200.
- DBIA 535 (1998). The 1998 edition of the Standard Form of Agreement Between Owner and Design-Builder published by the Design Build Institute of America (DBIA) is designated the DBIA 535.
- EJCDC 1910-8 (1990). The 1990 edition of the Standard General Conditions of the Construction Contract published jointly by the members of the Engineers Joint Contract Documents Committee is designated the EJCDC 1910-8.
- CMAA A-3 (2002). The 2002 edition of the General Conditions of the Construction Contract Between Owner and Contractor published by the Construction Management Association of America, Inc., is designated the CMAA A-3.
- AOD 2002GC. The 2002 edition of the Standard Form of Agreement Between Owner and Contractor for a Fixed or Lump-Sum Price published by the Associated Owners and Developers is designated the AOD 2002GC.
- COAA B-200GC (2000). The 2000 edition of the Contract for Construction, Chapter 2, Builder's Reuired Services and General Terms and Contitions (General Contractor's Fixed Price Form) published by the Construction Owners Association of America, Inc., is designated the COAA B-200GC.

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TOPICS ARE TREATED ALPHABETICALLY

ADMINISTRATIO	N					
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200	CMAA A-3 (2002)	COAA
(I) Engineer disclaims any	(I) Architect:	(I) Owner's	(I) Owner's	(2000)	(I) All communications	B-200GC (2000)
duty to Contractor, ¶¶ 3.3,	(a) controls	Representative: ¶	Representativ	(I) Owner	through CM who has "full	(I)"Professional":
3.4, 9.2, 9.13, 14.6, but	payment and	3.4.1. Owner	e is separate	representati	authority," ¶¶ 2.1.1, 2.1.2,	(a) Represents the
issues all communications	completion	controls payment	from Owner's	ve: ¶ 4.7.	2.1.10, 2.1.12 3.1.6, 11.2.4,	owner on all
from Owner to Contractor.	certificates, change	and completion	Senior	A/E	11.3.1, must authorize	design and
¶ 8.1.	orders, but no	certificates	Representativ	designation:	changes ($\P\P$ 9.2.1) and may	technical matters,
(a) Engineer controls	authority to bind	¶ 6.6.	e, and owner	¶ 3.15.	authorize "minor	¶ 6.2, 11.2, and
payment and completion	owner. ¶¶ 2.1.1,	(II) DBer's	may hire	Payment	variations," ¶¶ 2.1.5, 9.1.1	controls payment
certificates, ¶¶ 9.6, 9.8, 9.9,	4.2.2, 4.2.5, 4.2.6,	Representative	consultants to	applications,	(but see ¶ 9.2.5, apparently	and completion
9.11, 14.4, change orders. ¶	4.2.8, 4.2.9, 9.2.1,	must have power	review	submittals,	authorizing CM to make	certificates and
10.4. Engineer's written	9.3.1, 9.4.1.	to bind DBer, and	submittals,	notice of	scope changes), but	change orders. ¶¶
interpretations bind Owner.	(b) term continues	can't be changed	etc. ¶¶ 1.2.1-	substantial	numerous disclaimers: ¶¶	9.3, 11.3, 11.4,
¶ 9.4.	for one-year after	without Owner	1.2.3.	completion	1.1.20 (may not sue CM),	11.5, 11.8, 11.9
(b)	Substantial	agreement. ¶ 2.1.1.	(II)	forwarded	1.1.23 (CM standard of	(b) term continues
(c) may issue a field order	Completion. ¶	DBer must have a	Contractor	to A/E "if	care), 2.1.1 (CM "agent"	for one-year after
requiring minor change in	4.2.1.	dedicated Safety	must have a	directed." ¶	not "fiduciary").	Substantial
Work without time or price	(c) may order a	Representative	superintenden	9.2.1,	(II) Contractor must	Completion. ¶
adjustments. ¶¶ 1.19, 9.5.	"minor change in	responsible for	t.¶5.2.1.	3.14.1,	identify representatives, ¶	11.1.
(II) Contractor must have	the Work"	daily inspections,		9.6.1.	2.1.3, and superintendent. ¶	(II) Contractor
superintendent. ¶ 6.2.	unilaterally. ¶¶	weekly safety		(II)Contract	4.3.2.	must name a
	7.1.2, 7.4.1.	meetings, and		-or must	(III) Designer provides	"Builder's
	(II)Contractor:	monitoring of all		appoint	professional services,	Representative" to
	must appoint a	safety programs on		representati	reviews submittals. ¶¶	serve as "primary
	"superintendent" ¶	the site. ¶ 2.8.1.		ve. ¶ 3.4.4.	2.1.11, 3.1.3.	communication
	3.9.1					contact." ¶ 4.1.1.
ASA Model General Condition	ions Best Practices for	r ADMINISTRATIO	V: Clear lines aut	thority to autho	rize payments and changes mu	ist be established in

the general conditions.

ATTORNEYS' FEES AND COSTS (¶ 24 of the ASA Addendum to Subcontract (2004))

EJCDC 1910-8 (1990)	AIA	DBIA 535	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA
Owner to collect fees if Contractor is	A201-	(1998)	No provision.	No provision.	(2002)	B-200GC (2000)
terminated for default. Contractor	1997	No provision.			No provision.	No provision.
collects fees connected with	No					

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ASA Model General							
ASA Model General	Condition	ns Matrix April 12,	2004 ed. @	© Copyright American	Subcontractors	Association,	Inc. pg. 3

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termination of subcontracts if provision. contract is terminated for convenience. $\P\P$ 17.5 15.2, 15.4.3.

ASA Model General Conditions Best Practices for ATTORNEY'S FEES AND COSTS: The prevailing party in any dispute arising out of a construction contract should be entitled to attorney's fees and costs. Terms only requiring payment of an owner's attorney's fees in the event of a contractor's default are one-sided and must be avoided. Terms that permit fees only for designated dispute resolution procedures may exclude other lawful collection procedures and should also be avoided.

BACKCHARGES (¶ 26 of the ASA Addendum to Subcontract (2004))

EJCDC 1910-8	AIA A201-1997	DBIA 535	AOD	AGC 200 (2000)	CMAA A-3 (2002)	COAA
(1990)	Owner can deduct	(1998)	2002GC	Owner must give 48 hours	Owner may backcharge	B-200GC (2000)
Owner must	clean-up costs	Dual	Owner may	notice before deducting clean-	clean up costs "as provided	Owner can
give 7 days	without notice.	notices	deduct clean	up costs. ¶ 3.19.2. Owner	in [nonexistent] Paragraph	deduct clean-up
notice before	3.15.2, 6.3.1.	required	up costs	must give "prompt" notice of	6.3" ¶ 4.6.2. Owner must	costs without
correcting	Dual notices required	before	without	deficiencies and allow	give 7 days notice to	notice
defective work.	before owner may	owner may	notice.	Contractor to correct (no	backcharge for correction,	¶3.11.
¶ 13.14.	backcharge for	backcharge	5.4.3. Owner	explicit right to correct and	and has right to suspend and	Owner can
	correction of defects.	for	must give 7	backcharge!). ¶ 3.9.1.	complete work with	backcharge for
	¶ 2.4.1.h.	correction	days notice	Owner may accept non-	Contractor's equipment.	correction of
	Owner may accept	of defects,	to	conforming work, with	2.3.1. Owner may accept	deficiencies 7
	non-conforming work	except in	backcharge	contractor's agreement, and	nonconforming Work and	days after Owner
	and take price	"an	for correction	take "equitable" price	take price reduction plus	suspension for
	reduction "as	emergency.	of defective	reduction. ¶ 3.9.7. Corrective	"direct, indirect and	failure to correct
	appropriate and	"¶2.10.2,	work. ¶	safety measures: ¶ 3.11.6.	consequential costs	work, ¶ 23.1.3, or
	equitable." ¶ 12.3.1.	compare ¶	5.8.1.	Damage to owner-furnished	attributable to evaluation	7 days after
		11.2.2.		materials: ¶ 3.6.	of and determination to	notice to cure, ¶
					accept such work" ¶	24.1.2.
					10.4.1.	

ASA Model General Conditions Best Practices for BACKCHARGES: Expenses claimed as backcharges should not be incurred before notice, and reasonable opportunity to cure, are provided to a contractor. Backcharges must be billed within a reasonable time and not saved until the end of the project.

BONDS: see LIEN RIGHTS, WAIVERS

CHANGES: see CLAIMS

CLAIMS (¶ 7 and 8 of the ASA Addendum to Subcontract (2004)) *also see* SITE INSPECTION - DEADLINES

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- TIME ADJUSTMENTS - PRICE ADJUSTMENTS

- PRICE ADJUST						
EJCDC 1910-8	AIA A201-	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA
(1990)	1997	Deadlines:		Deadlines:	(2002)	B-200GC (2000)
Deadlines:	Deadlines:	Claims must be made, "if	Deadlines:	"Immediate" notice to	Deadlines:	Deadlines:
Claim required	Claim	possible," before any	Menu of choices, but	owner required for	Change	"Incidents" must
"promptly (but in	required 21	cost or expense is	default option is 10 days	"recordable accidents	requests	all be reported
no event later	days after	incurred. Otherwise,	after Contractor knew "or	and injuries." ¶	required with 5	"immediately." ¶
than thirty days)	recognition	notice required "within a	reasonably should have	3.11.3. Contractor	days "after the	3.8,
after the start of	of a	reasonable time not to	known" of a claim	must give notice of	beginning of	see also. ¶16.2.
the occurrence or	condition	exceed twenty-one (21)	incident. ¶ 8.2.7. Time	delay claims (¶ 6.4)	the	Notice of delay
event giving rise	giving rise to	days after the party	extended 10 days on	and other claims	occurrences of	required within 7
thereo," ¶¶ 9.11,	a claim. ¶	reasonably should have	written request. ¶ 8.2.8.	within 14 days after	the event	days of "the
11.2, 12.1, cf. ¶	4.3.2, 4.3.4,	recognized the condition	Specific notice required if	recognition of a	[sic]giving rise	beginning of any
17.3 ("reasonable	4.3.8.	giving rise to a claim. ¶	Owner's decision on	condition giving rise	to the request,"	such delay," ¶
time").	Time	10.1.1.	change request required	to a claim. ¶ 8.4.	or Contractor	17.4, or 3 days
Time	Adjustments	Time Adjustments:	within 30 days to avoid	Time Adjustments:	"shall have	after "first
Adjustments:	:	Time "reasonably	delay. ¶ 7.2.3. Objection	Time "equitabl[y]"	waived any	observance"
As determined by	Time	extended" for events and	to adjustment provided in	extended for "any	and all rights it	for"concealed
Engineer unless	extended for	circumstances "beyond	change directive: ¶ 7.4.5.	cause beyond the	may have	/unforeseen
appealed, ¶¶ 9.11,	"such	[Contractor's] control,	To claim adjustment for	control of the	against the	conditions."
12.1, for "delay	reasonable	including changes,	field directive: ¶ 7.5.3.	Contractor" including	Owner." ¶	Contractor must
beyond the	time as the	differing site conditions,	Claim for "constructive	"decisions of the	9.2.3. Details	"promptly" request
control of	Architect	floods, labor disputes,	acceleration" is waived	Owner, labor	as required by	any extensions of
Contractor," ¶	may	"unusual delay in	until date notice of claim	disputes not	CM (¶ 9.3.5).	time. ¶ 16.3.
12.3.	determine,"	transportation," "adverse	is given to Owner. ¶ 8.5.6.	involving the	Time	Written notice of
Price	for causes	weather conditions not	Time Adjustments:	Contractor," fire,	Adjustments:	claims based on
Adjustments:	"beyond the	reasonably anticipated,"	Time extended for	weather, others. ¶	For	changes required. ¶
Unit prices if	Contractor's	others. ¶ 8.2.1.	"Excusable Delay" (¶	6.3.1.	adjustment,	9.6.
agreed, or Cost of	control." ¶¶	Emergencies: ¶ 9.5.1.	8.4.1) defined as delay	No adjustment for	change must	Time
the Work plus	8.3.1.	Owner suspension of	Contractor did not cause	owner-requested	affect critical	Adjustments:
Contractor's fee	Weather	work: ¶ 11.1.2.	and could not reasonably	corrective safety	path. ¶¶ 9.2.5,	No extension of
for overhead and	conditions,	Price Adjustments:	avoid (¶1.4(j)) Definition	measures. ¶ 3.11.6.	9.4.1, 9.4.2.	time unless
profit. ¶¶ 11.3,	see ¶ 4.3.7.2.	Time only for changes	of "Abnormal Adverse	Emergencies: ¶	Inclement	Contractor "would
11.4 (allowable	Emergencies:	"beyond the control of	Weather Conditions"	3.12.1. Adjustments	weather claims	have otherwise
costs), 11.5	¶ 10.6.1.	both Design-Builder and	refers to "climatic	for owner requested	measured	been able to timely

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(excluded costs), 11.6 (overhead and profit based on specified percentages), 11.8 (allowances excluded) For Owner failure to furnish lands, rights-of-way, easements: ¶ 4.1. Unit price adjustments where quantity "differs materially and significantly," ¶ 11.9.3.1.	Price Adjustments : Costs plus "reasonable allowance for overhead and profit." ¶¶ 7.3.6, 7.2.2. Interim payment for undisputed amounts: ¶ 7.3.8. Same for claims based on emergency costs. ¶ 10.6.1. For changes in unit prices due to changes in quantities,	ral Conditions Matrix Owner." ¶ 8.2.2. Allowance for overhead and profit. ¶ 9.4.1.4. For cost of estimating a change, see ¶ 9.1.3. For changes in unit prices due to changes in quantities, see ¶ 9.4.2. Emergencies: ¶ 9.5.1. Owner suspension of work: ¶ 11.1.2. Where cost is in dispute, or where scope of Work is in dispute, Owner must pay 50% of Contractors estimated costs on application. ¶ 9.4.3	★ April 12, 2004 ed. © Copy records." ¶ 1.4.1(a). Price Adjustments: Menu for limit on / bar against overhead for claims based on excusable delay: ¶ 8.4.3. Blanks for entry of percentage mark- up limits permitted to Contractor and subs: ¶¶ 7.1.4, 7.1.5. But, Owner may attempt to fix another pricing mechanism in a change directive. ¶¶ 7.4.4, 7.4.5, 7.4.8. Any other claims related to changes are waived. ¶ 7.3.3. Payment for "undisputed portions" of any claim: ¶ 6.4.6. Change in unit prices "due to gross mistakes": ¶ 7.4.7.	sequence changes: ¶ 6.2.2. Price Adjustments: Time and actual costs only for weather, fire, "unusual transportation delays, general labor disputes not specifically related to the Worksite" ¶ 6.3.2. None permitted for owner-requested corrective safety measures. ¶ 3.11.6. Emergencies: ¶ 3.12.1. Contractors fee increased "accordingly" with increase in cost. ¶ 8.3.1.4. Where cost is in dispute, or where scope of Work is in	against NOAA's ten year average. ¶ 9.4.3. Price Adjustments: Time only for causes beyond control of Owner and Contractor. ¶ 9.4.4. Costs plus fee (¶ 9.3.1.3) with allowable costs strictly defined (¶¶ 9.3.2- 9.3.3.5) and fee set at percentage of costs (¶¶ 9.3.4 - 9.3.4.2.5). Change in	perform but for such delay." ¶ 17.4. Contractor not entitled to extension for labor disputes ¶ 17.5.2, also see ¶¶ 4.1.2, 4.3. Contractor must "take all corrective actions reasonably necessary" to meet schedule.¶ 16.2. Change order required to change schedule. ¶¶ 16.3, 16.5. For excusable delays, see ¶ 17.4. Owner-ordered "cease and desist" causing delay is Contractor's fault
	see ¶ 4.3.9. Owner suspension of work: ¶			dispute, Owner must pay 50% of Contractors estimated costs on application.	price due to change in quantity exceeding 25%	and not excusable. ¶ 23.1.1. Price Adjustments: For
	14.3.1.			¶¶ 8.2.2, 8.3.3. Changes in unit prices: ¶ 8.3.2.	of estimated quantity estimated in Contract, see ¶ 9.3.6.2.	changes, as agreed or "on a time and material basis" at Owner's election. ¶ 9.4.1. No extra compensation for home office
						overhead or tools. ¶ 9.4.2.

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	iodel Gener	al conditions w	latrix April 12, 2004 ed. © Copy	right Americ	an Subcontractors As	
						"Actual and direct
						costs" only for
						compensable
						delays caused by
						Owner, design
						changes, or "any
						other cause" ¶
						17.3.
ASA Model General	Conditions Be	st Practices for CLA	IMS: Deadlines for claims should b	be based on ac	tual knowledge of facts	s giving rise to a claim
(rather than construct	tive knowledge) and should permit a	a reasonable time for claims; time ex	tensions shou	ld be required for all c	auses reasonably beyond
•	•	/ I	e the entire cost of delays not caused		1	5 5
reasonable amount of	f overhead and	profit for extra work.	. A contractor should have the right	t to payment for	or any extra work that i	is performed at the
		1	verbal instructions in writing before	1 2	2	1
· ·			AGES (¶ 25 of the ASA Addendum	Ŭ		
EJCDC 1910-8	AIA A201-	DBIA 535 (1998)	AOD 2002GC	AGC 200	CMAA A-3 (2002)	COAA
(1990)	1997	2201000 (1550)		(2000)	(2002)	B-200GC (2000)
No-damage-for-		Mutual waiver for	Menu allows choice to limit or	()	Time is of the	2 20000 (2000)
delays, if cause is	Mutual	all consequential	bar delay damages, even if	Mutual	essence. ¶ 8.2.1.	Contractor waives all
beyond the control	waiver:	damages, subject	Owner caused. ¶ 8.4.3. Yet	waiver of	Detailed scheduling	claims for lost profits
of both Owner and	owner may	to exception for	another "no damage for delay"	consequent	requirements (¶	and opportunities,
Contractor, or is	still claim	liquidated	menu at ¶ 8.6.1. Menu for	ial	8.2.3 - 8.2.7, 8.3.2	unabsorbed overhead,
caused by Owner's	"liquidated	damages to	owner to chose between	damages.	must reflect "actual	and indirect
other contractors;	direct	Owner. ¶¶ 10.5,	consequential damages or	10.2. "best	intent and	consequential damages.
time extension is	damages"	1.2.1. Arguably	liquidated damages. ¶ 8.4.5.	efforts" to	reasonable	¶ 26.6. Contractor not
contractor's	when	conflicts with ¶	Time is of the essence. \P 4.1.1,	perform "in	expectations"	entitled to "home office
exclusive remedy.	applicable;	8.2.2., which	4.5.1. Contractor responsible for	an	(¶8.2.9.2). CM may	or other non-job site or
12.4. Contractor	contractor	provides that	delays caused by Owner failure	expeditious	order Contractor to	indirect overhead
waives lost profits	preserves	DBer can have no	to procure insurance or to record	manner."	increase forces,	expenses" caused by
for delays caused	productivity	delay damages for	a mortgage. ¶¶ 4.3.1-4.3.3.	¶¶ 2.1.1,	hours. ¶ 8.3.2. No	changes. ¶9.4.2.
by differing site	, site office.	changes "that are	Owner may require Contractor to	3.5. Time	damage for delays	Owner-caused delays
conditions. ¶ 4.2.6.	¶¶ 4.3.10,	beyond the	increase forces, hours, no	is of the	unless caused by	not impacting scheduled
Owner waives	8.3.3.	control of both	adjustment for non-excused	essence. ¶	"Owner's breach of	completion do not
consequential	Time is of	Design-Builder	delays. ¶¶ 4.4.14, 8.2.6. Costs to	6.1.3.	a fundamental	benefit contractor.
damages for losses	the essence.	and Öwner"	stop and re-start work on		obligation" or	16.4. Liquidated
caused by "fire or	¶ 8.2.1.	(implying delays	account of Owner-directed		"uncontem-plated	damages to Owner
other peril, whether		otherwise	suspension: ¶ 8.4.4. Owner may		delays." ¶ 9.4.4,	specified for

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or not insured by	lel General Conc recovera			eleration of the work,	9.4.5		"inexcusable" delay.	
Owner." ¶ 5.11.2.1.	"time is	of the	but claim	s are limited to "direct			17.2.	
Time is of the	essence'	' clause –	increment	al cost to comply"		Г	ime is of the essence.	
essence. ¶ 12.2.	see ¶ 8.1	.1.	8.5.3.			1	7.1.	
ASA Model General Co								
collect damages for dela								
				use or added financing e				
reserve the right to asses			quidated d	amages actually paid to	the owner, but only t	the extent such s	hare is proportionate to	
the fault of the subcontra	actor in causing a dela	ay.						
CONTRACT DO	CUMENTS (E	XCLUSI	ION OI	F SUBMITTALS)	(cf. ¶ 2 of the ASA Add	endum to Subcontract	(2004) (flow-down))	
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535	(1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA	
Engineer must approve	Submittals must	DBers subr	mission	Owner must review	Owner is	(2002)	B-200GC (2000)	
submittals. ¶¶ 3.6.2,	be approved by	of interim of	design	submittals in	"responsible for	CM must	Submittals must be	
6.26, but approval does	Architect, but	submission	ns does	"reasonable time,"	review and	"endeavor" to	approved by	
not benefit Contractor.	approval does not	not transfer	r any	but Contractor must	approval of	have approvals	Professional, but	
¶¶ 1.10, 6.27, 6.30.2.6.	benefit	design liab	2	give notice if review	submittals" and has	within 21 days.		
Contractor entitled to	Contractor. ¶¶	Owner. ¶ 2		required in less than	duty of "reasonable	•		
copies at the cost of	3.12.4, 3.12.7,	Owner has		30 days. ¶ 2.5.6.	promptness." ¶	shall promptly	¶¶ 1.8, 7.2.1, 7.2.2.	
reproduction. ¶ 2.2.	3.12.10, 4.2.7.	"timely rev		Review does not	3.14.2. Approval	review"	Professional has 14	
	Owner has duty of	and approv	als." ¶	benefit contractor. ¶	does not benefit	submittals, but	days to act, \P 11.6,	
	"reasonable	3.1.2.		2.5.9. Owner's	Contractor. ¶¶	approval does	but Contractor	
	promptness" ¶			irrevocable license to	3.14.1., 3.14.3,	not benefit	can't enforce the	
	2.2.4, see also \P			use submittals for any	3.14.5.	Contractor. ¶¶	deadline. ¶ 11.10.	
	3.4.1.			purpose in relation to		3.1.1, 3.1.3,	Contractor must	
				the site: ¶ 2.3.6.		4.3.5, 4.9.5,	prepare a schedule	
						4.9.9, 11.12.1.	for all anticipated	
							submittals. ¶ 7.2.	
							Owner must act in	
							"timely manner."	
ASA Model Ceneral Co							¶14.3.	

ASA Model General Conditions Best Practices for CONTRACT DOCUMENTS (EXCLUSION OF SUBMITTALS): Approved submittals should bind the owner in the same manner as the specifications which are "contract documents."

DELAY DAMAGES: see CONSEQUENTIAL AND DELAY DAMAGES

DESIGN DELEGATION (¶ 6 of the ASA Addendum to Subcontract (2004)) *also see* SCOPE OF WORK, SITE INSPECTION *and* WARRANTY

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EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA
Contractor liable for	Contractor disclaims duty to	(1998)	Defects	Defects discovered	(2002)	B-200GC (2000)
design errors,	discover design defects, ¶¶	Design-build:	discovered or	must be reported,	Contractor	Expressly disclaims
compliance of design	3.2.1, 3.2.2, 3.2.3, 3.7.3,	DBer must	that Contractor	but contractor	must report	Spearin owner-
with codes, of which	3.12.10, but contractor must	provide	"should have	disclaims duty to	known	warranty of design.
Contractor "knew or	report known defects, ¶	licensed	recognized"	discover defects. ¶	defects. ¶	¶1.5.
reasonably should have	3.2.3, 3.7.4.	design	must be reported,	3.3.2, 3.3.3, 3.3.4.	1.1.18, 4.2.1.	Contractor liable for
known." ¶¶ 3.3.2,	Design services must be	services. ¶	and Contractor	Design services	Contractor	defects of which it
6.14.2, 8.9. Contractor	specifically delegated unless	2.2.1. Design	may be liable for	must be specifically	warrants	"knows or should
disclaims liability for	needed "to carry out the	of "care and	failure to report	delegated to be	design	have known." ¶¶
negligent design of	Contractor's responsibilities	skill	items it	required. ¶ 3.15.	"appear[s]	2.1.2, 5.3.
others. ¶ 6.1.	for construction means,	ordinarily	recognized or	Code changes: ¶	accurate,	Contractor warrants
	methods, techniques,	used" ¶	"should have	3.17.3. Submittals	consistent and	compliance with
	sequences and procedures."	2.3.1.	recognized."	have been checked	complete	codes, ADA, etc. ¶¶
	¶ 3.12.10. Codes not	Code	¶¶5.3.2, 5.3.3,	against the Contract	insofar as can	8.1.1. 13.2.
	warranted. ¶ 3.2.2.	changes: ¶	5.3.4, 5.3.8.	Documents. ¶	reasonably be	
	Submittals have been	2.5.2.		3.14.1.	determined."	
	checked against the Contract				¶¶ 4.2.1,	
	Documents ¶ 3.12.6				1.1.14.	

ASA Model General Conditions Best Practices for DESIGN DELEGATION: Contractors should not ordinarily accept responsibility for design. When design services are requested, the delegation must be specific and must include all design and performance criteria. Contractors should be responsible for promptly reporting defects they actually discover, but cannot be responsible for other design defects that it is claimed they "should have" recognized, or for design requirements that violate code standards. See also SCOPE OF WORK, SITE INSPECTION and WARRANTY.

DISPUTE RESOLUTION (¶ 22 of the ASA Addendum to Subcontract (2004))

	DIST OTE RESOLUTION († 22 of the ASA Addendum to Subcontract (2004))									
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA				
Engineer must initially					(2002)	B-200GC				
decide disputes. ¶¶	Architect must	Discussion, followed by	Menu includes Dispute	"Senior		(2000)				
9.11, 9.12 ("condition	initially decide	"meeting between the	Review Board, Project	executives of the	Disputes					
precedent"), 11.2, 12.1.	disputes. ¶¶	Senior Representatives,"	Neutral, mediation,	parties" must	initially	Discussion				
Unless a separate	4.2.11, 4.2.12,	followed by mediation,	arbitration, litigation, jury	meet, then	submitted to	followed by				
"Dispute Resolution	4.4.1, 4.4.5;	followed by arbitration.	waiver or "None of the	mediation. ¶¶	CM. ¶¶	mediation				
Agreement" is attached	partial occupancy	¶¶ 10.2.2, 10.2.3, 10.2.4,	above" ¶¶ 8.7.3, 8.8.1.	12.2-12.3.	14.1.3,	required. ¶¶				
as an exhibit, litigation	disputes ¶ 9.9.1.	10.3.1. Fees and	Venue selection: ¶ 8.8.2.	Dispute	15.4.1.	25.3, 25.4.				
is required. Article 16.	Mediation	expenses for "prevailing	Owner can sue subs	resolution menu	Mediation	Governing law				
	"where the Project	party." ¶ 10.3.4.	directly as third-party	permits Dispute	followed by	where project is				
	is located"	Governing law where	beneficiary. ¶ 1.1.6.	Review Board,	arbitration.	located. ¶ 25.1.				

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required prior to	Project located. ¶ 12.3.1.	Owner may require Subs	Advisory or	¶¶ 14.1.1,	Venue where
arbitration.		to submit to arbitration	Binding	14.1.2.	project is
4.5.1. Governing		joinder. ¶ 8.8.5.	Arbitration, Non-		located. ¶ 25.2.
law where Project			binding mini trial,		Jury waiver.
located. ¶ 13.1.			litigation.		25.2(iv).
					Arbitration
					specifically
					ruled out.
					25.6.

ASA Model General Conditions Best Practices for DISPUTE RESOLUTION: Early mediation of disputes is beneficial and must be a condition precedent to the use of any other dispute resolution procedure. Should mediation not resolve a dispute, arbitration by an industry professional such as an architect, engineer, contractor or subcontractor is always preferable to litigation before a judge or jury. Arbitration must always be conducted subject to the terms of the written subcontract, so specific contract terms can assist contractors to ensure that arbitration will provide a quick and efficient mechanism for resolving disputes. For example, contract terms can expressly provide that "The award shall be made within nine months of the filing of the notice of intention to arbitrate (demand), and the arbitrator(s) shall agree to comply with this schedule before accepting appointment. However, this time limit may be extended by agreement of the parties or by the arbitrator(s) if necessary." Drafting Dispute Resolution Clauses - A Practical Guide, AAA 12/7/2000. Or, contract terms may require direct participation by the parties (not merely through their representatives) for

- selection of the arbitrator (to ensure and industry professional is selected),
- any agreement or ruling to permit a continuance, and
- any agreement or ruling to permit any discovery (particularly depositions, which add considerable time and expense) beyond the discovery of information contemplated by RULE F-7 of the AAA's CONSTRUCTION INDUSTRY ARBITRATION RULES, FAST TRACK PROCEDURES in fast track cases (no claim or counterclaim exceeds \$75,000), or RULE R-22 of the AAA's CONSTRUCTION INDUSTRY ARBITRATION RULES, REGULAR TRACK PROCEDURES in regular track cases (\$75,001-\$500,000), or RULE L-4 of the AAA's CONSTRUCTION INDUSTRY ARBITRATION RULES, PROCEDURES FOR LARGE, COMPLEX CONSTRUCTION DISPUTES.

For best practices on recovery of attorneys fees and costs of dispute resolution, see ATTORNEYS' FEES AND COSTS.

FINAL PAYMENT: see RETAINAGE, COMPLETION AND FINAL PAYMENT

FINANCING DISCLOSURES (¶ 3 of the ASA Addendum to Subcontract (2004))

I'II'AI'CII'U DI	TITAI CITO DISCLOSURES (¶ 5 of the ASA Addendum to Subcontract (2004))										
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA					
					(2002)	B-200GC (2000)					
Must be required by	Owner financing	Owner financing	No provision.	Owner financing							
supplemental	information	information		information	None.	None, however,					
conditions. ¶ 8.11.	available on	available on		available on		where contractor					
	written request;	request; DBer may		written request;		has "reasonable					
	condition	stop work for		condition precedent		grounds for					
	precedent to	failure to provide.		to "commencement		insecurity as to					

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"commencement	¶ 3.3.1, 11.3.1.1.	or continuation"	Owner's ability,
or continuation"		4.2. Contractor	willingness or
¶2.2.1.		may also terminate	resources to
Contractor may		contract for failure	perform,"
terminate for		to furnish	Contractor may
failure to furnish		reasonable	demand written
reasonable		evidence of	assurances and stop
evidence of		sufficient funds.	work after 7 days.
sufficient funds.		11.5.2.1.	¶¶ 5.7.5-5.7.7.
14.1.1.4.			

ASA Model General Conditions Best Practices for FINANCING DISCLOSURES: A contractor must have access to complete project financing information, including change orders, in order to evaluate its risk of nonpayment. Disclosures that demonstrate adequate project financing are a necessary condition to a commencement or continuation of a contractor's performance.

HOLD HARMLESS (¶ 15 of the ASA Addendum to Subcontract (2004)) also see INSURANCE (Liability Insurance)

		(= 00 .))				
EJCDC 1910-8 (1990)	AIA A201-	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA
(a) limited to bodily injury and	1997					B-200GC
property damage,		(a) limited to	(a) "any and all	(a) bodily injury and	(a) "all claims" (b)	(2000)
(b) no express duty to defend;	(a) limited to	bodily injury and	claims";	property damage; (b)	no express duty to	
(c) includes all losses caused "in	bodily injury	property damage;	(b) must	must "defend"; (c)	defend, (c) all losses	(a) "all
whole or in part" by Contractor	and property	(b) must	"defend"; (c)	limited to extent of	"caused in whole or	losses" (b)
(intermediate form). ¶ 6.31, 6.20,	damage;	"defend"; (c)	menu choice	Contractor's negligence	part by Contractor"	must
17.5.	(b) no	limited to extent	between broad	(broad form for	¶ 4.15.1, 4.15.3.	"defend"
Must indemnify against claims by	express duty	of Contractor's	form and	"Owner's existing	Contractor	(c) broad
owner or occupant of lands or	to defend;	negligence.	exclusion of	adjacent property " to	indemnifes for	form.
adjacent lands that arise out of the	(c) limited to	Mutual – owner	indemnitee's	limit of CGL (¶	damage to adjacent	26.3.
Work (broad form). ¶¶ 6.16, 17.5.	extent of	agrees to	sole negligence.	10.4.4)). Mutual –	property, utilities.	
Contractor indemnifies against	Contractor's	indemnify		owner agrees to	5.3.1. Contractor	
intellectual property infringement it	negligence.	contractor. ¶¶		indemnify contractor.	responsible for subs	
causes: ¶¶ 6.12, 17.5.	¶3.18.1.	7.4.1, 7.5.1.		¶¶ 10.1.1 - 10.1.2.	¶ 6.1.3.	

ASA Model General Conditions Best Practices for HOLD HARMLESS: Hold harmless terms must be limited to bodily injury and property damage (other than the Work itself). Such terms must also be limited to provide indemnity only to the extent of the contractor's negligence, and must provide for payment attorney's fees rather than including a duty to "defend." Ideally, hold harmless terms flow in both directions and provide mutual obligations to indemnify the other party to the subcontract against the consequences of the indemnitor's own negligence.

INSURANCE

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- LIABILITY INSURANCE (¶ 16-17 of the ASA Addendum to Subcontract (2004)

- "ALL-RISK" PROPERTY INSURANCE (¶ 18 of the ASA Addendum to Subcontract (2004)

- ALL-KISK" PROPERT	I INSUKANCE (18 of the ASA Add	endum to Subcontract (2004)			
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535	AOD 2002GC	AGC 200	CMAA A-3 (2002)	COAA
Liability:	Liability:	(1998)	Liability:	(2000)	Liability:	B-200GC (2000)
Certificates "and other	Additional	Liability:	Additional Insured -	Liability:	Additional insured –	Liability:
evidence" reasonably	insured barred.	Additional	Contractor and Sub	Additional	not mentioned, but	Additional insured
requested, must be delivered	¶ 11.3.3.	insured, OCP,	policies must name	insured –	CGL must cover	 not mentioned
prior to work. ¶¶ 2.7, 5.3.2.	OCP-type	not	Owner as AI using 20 10	must name	contractual liabilities	(see ¶¶ 21.1 <i>et</i>
Objections required within	general	mentioned.	11 85 form. ¶¶ 3.3.1,	Owner as AI.	(¶ 12.2.1) and	seq.), however,
10 days. ¶ 5.14. Must cover	supervision	See ¶¶ 5.1.1 <i>et</i>	3.3.2, 3.6.1(x), 3.7.1(i),	¶ 10.3.1.	Contractor waives	separate
completed operations, ¶	insurance	seq.	3.9.1(i). Duration of	Duration of	subrogation (¶	"agreement"
5.4.9, indemnity	endorsed. ¶	All-Risk:	coverage for completed	coverage for	12.6.1). Owner must	document (B100-
obligations, § 5.4.10, and	11.3.1.	Owner must	ops 3 years.¶ 3.4.1.	completed	maintain its own	GC (2000))
name Owner and Engineer	All-Risk:	purchase	Contractor and all Subs	ops 1 year. ¶	CGL policy. ¶	requires contractor
as additional insureds. ¶	Owner is	property	must waive subrogation	10.3.3.	12.5.1.	to name Owner as
5.4.7. Claims-based	required to	insurance	claims. ¶ 3.1.7, 3.6.1(ix),	All-Risk:	All-Risk: Contractor	additional insured.
coverage must continue 2	purchase, ¶	covering	3.7.1(ii).	Owner is	is required to	All-Risk: Not
years. ¶ 5.4.13. All-Risk:	11.4.1, and	interests of	All-Risk: Menu choice	required to	purchase coverage to	mentioned,
Owner must purchase	must pay	contractor,	may require either owner	purchase	protect interests of	however, separate
property insurance which	deductibles, ¶	subs and sub-	or contractor to purchase.	coverage	owner and	"agreement"
may be named perils instead	11.4.1.3.	subs, and	Must include coverage for	protecting	subcontractors. May	document (B100-
of all-risk.¶ 5.6.2. Must	Mutual waiver	covering	materials stored off site or	interest of	be named perils	GC (2000))
cover Contractor's interest,	of subrogation	materials	in transit. ¶ 3.10.1.	contractor,	instead of all-risk.	requires contractor
work stored or in transit.	applies. ¶	stored off site	Subrogation waiver only	subs and sub-	Must cover materials	to purchase and
5.6.2, 5.6.4. Mutual waivers	11.4.7. Policy	or in transit. ¶	applies to contractor-	subs. ¶	stored off site or in	cover interest of
of subrogation. ¶¶ 5.11,	must cover	5.3.1. Mutual	purchased policy and is	10.4.1.	transit. ¶ 12.3.1.	owner. One-way
6.11.	materials stored	waiver of	not mutual. ¶ 3.1.7.	Mutual	Mutual waiver of	waiver of
	off site or in	subrogation.		waiver of	subrogation. ¶ 12.3.2.	subrogation in
	transit. ¶	5.3.5.		subrogation.		favor of owner.
	11.4.1.4.			¶ 10.4.3.		21.4.

ASA Model General Conditions Best Practices for INSURANCE: Any requirements to name additional insureds on any of the contractor's liability insurance policies, and any waivers of subrogation for claims covered by the contractor's liability insurance policies (particularly workers compensation), are unacceptable. Requirements to provide special notices of policy cancellation or policy non-renewal often cause great difficulties and friction although they have never been shown to provide any benefits to anyone, and are also unacceptable. Requirements for continuation of coverage beyond the policy period, in the absence of a binding commitment from an insurer to provide that coverage, are also unacceptable. Separate liability insurance to cover the owner and the contractor for liability arising from "general supervision" of the project, such as Owners and Contractors Protective Liability Insurance

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("OCP" - CG 00 09) or Project Management Protective Liability Insurance ("PMPL" – CG 31 15), may be required in lieu of any requirements to name additional insureds or to waive subrogation on the contractor's liability insurance policies. The owner or contractor should be responsible to purchase all-risk property insurance including coverage for the interests of subcontractors in installed work and in materials delivered, suitably stored or in transit.

LAW and VENUE (¶ 23 of the ASA Addendum to Subcontract (2004))									
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA			
		No venue	No venue provision;		(2002)	B-200GC (2000)			
No venue provision;	No venue	provision; Law of	Law of place of	No venue					
Law of place of project	provision; Law of	place of project	project governs.	provision; Law of	No venue	Place of project is			
governs. ¶ 3.1.	place of project	governs. ¶ 12.3.1	12.2.	place of project	provision; Law	the required venue,			
	governs. ¶ 13.1.1.			governs. ¶ 13.2.	of place of	\P 25.2, and the law			
					project governs.	of place of project			
					¶ 15.1.1.	governs, ¶ 25.1.			
1SA Model General Co	nditions Rost Practic	cas for I AW and VEN	VIIE. Contracts should n	rovide that the approp	riate venue for disp	ute resolution			

ASA Model General Conditions Best Practices for LAW and VENUE: Contracts should provide that the appropriate venue for dispute resolution procedures such as litigation or arbitration is the place where the project is located, and also that the law of the place where the project is located shall govern.

LIEN RIGHTS	\mathbf{S} (¶ 21 of the ASA A	Addendum to Subcon	ntract (2004)) <i>also see</i> WAIVERS	LIEN RIGHTS (¶ 21 of the ASA Addendum to Subcontract (2004)) also see WAIVERS									
EJCDC 1910-8	AIA A201-	DBIA 535	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA							
(1990)	1997	(1998)				B-200GC							
			Subs entitled to copy of payment	Contractor has 30	Contractor must	(2000)							
Not mentioned.	Subs have	DBer must	bonds on request. ¶ 3.11.7.	days after filing of a	release all liens or								
	right to see	take action to	Unconditional lien waivers may be	lien to cause its	owner may pay	Contractor							
	payment	discharge	required for payment received, but	removal, or Owner	and deduct	must bond-off							
	bonds. ¶	liens within 3	must be conditional for payments	can backcharge costs	payment plus costs	all filed liens							
	11.5.2. Right	days of	not yet received. ¶ 6.4.5. Contractor	of bond and	and fees. ¶ 11.5.1.	or owner can							
	to file liens	notice,	must "bond-off" all liens within 5	reasonable attorneys	Final payment may	pay and							
	preserved. ¶	including lien	days of Owner's demand. ¶ 6.8.2.	fees. ¶ 9.2.3.2. Time	be withheld while	backcharge. ¶							
	4.4.8.	bond if	Owner must reimburse bond costs	limits expressly not	rights to liens	10.2.							
		necessary. ¶	where Owner failed to pay sums	limited by dispute	exist. ¶ 11.5.2.								
		7.3.1.	owed. ¶ 6.8.3. Time limits	resolution									
			expressly not limited by time limits	requirements. ¶ 12.7.									
			on claims. ¶ 8.2.9.										

ASA Model General Conditions Best Practices for LIEN RIGHTS: General conditions should require contractors to provide copies of any payment bond to subcontractors on request, and should expressly exempt steps to preserve lien rights from any dispute resolution requirements.

PAYMENT OF CONTRACTOR (¶ 10 of the ASA Addendum to Subcontract (2004))

- STORED MATERIALS

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- RIGHT TO SUSPEND WORK - INTEREST

- INTEREST						
EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA
Stored Materials:	Stored	Stored	Stored Materials:	Stored Materials:	Stored Materials:	B-200GC (2000)
Yes, payment for	Materials:	Materials:	Yes, subject to	Yes, payment for	Yes, payment for	Stored
materials "delivered	Yes, payment for	Yes, payment for	condition that	materials "suitably	materials "stored	Materials:
and suitably stored" on	"materials and	"suitably stored"	manufacturer's	stored" ¶ 9.2.2.	off site" if properly	Yes, payment for
or off site. ¶ 14.2.	equipment	materials. ¶ 6.2.2.	warranties are	Right to Suspend:	documented. ¶	materials or
Right to Suspend:	suitably stored." ¶	Right to	"toll[ed]." ¶ 6.7.3.	Yes – 7 days late	11.2.2.	equipment
Yes – 30 days late plus	9.3.2.	Suspend:	Right to Suspend:	plus 7 days notice.	Right to Suspend:	"properly stored."
7 days notice.	Right to	Yes, with 7 days	No, but a right to	Contractor entitled to	No, but a right to	¶ 15.3.1.
Contractor may claim	Suspend:	notice. ¶¶ 6.4.1,	terminate the	"reasonable cost and	terminate the	Right to
adjustment for	Yes – 7 days late	11.3.1.2.	contract if the	delay resulting from	contract if the	Suspend:
"expenses or damage	plus 7 days	Contractor	owner fails to pay	shutdown, delay and	owner fails to pay	Yes, 30 days late
directly attributable" to	notice. Contractor	entitled to	for 30 days plus 15	start-up." ¶ 9.5.	for 60 days, upon 7	plus 14 days
work suspension.	entitled to	adjustment "to	days notice of	Interest:	days notice.	notice. No
15.5	"reasonable costs	the extent it has	default. ¶ 9.1.2.	Yes, starting 30 days	13.1.1.	mention of
Interest:	of shut-down,	been adversely	Costs of	after payment is	Interest:	suspension-related
Yes. ¶ 15.5.	delay and start-up,	impacted" ¶¶	termination. ¶ 9.1.3.	overdue. ¶ 6.5.6.	Yes, starting 30	costs, but interest
	plus interest."	11.3.2, 8.2.2.	Interest:		days after payment	accrues.
	¶9.7.1.	Interest:	Yes, starting 30		is overdue. ¶ 6.5.6.	Interest:
	Interest:	Yes. ¶ 6.4.1.	days after payment			Yes, starting 30
	Yes. ¶ 13.6.1.		is overdue. ¶ 6.5.6.			days after
						payment is
						overdue. ¶ 6.5.6.
ASA Model General Co.		0		1 5		,
as payment delay is not t	he fault of the contra	ctor. A contractor sh	ould reserve an expres	s right to stop work for	non-payment wheneve	r non-payment is
not the contractor's fault	· 1	tice and opportunity	to cure, including cost	s of shut-down, delay an	nd start-up. A contracto	or should be entitled
to payment for suitably s	stored materials.					

PAYMENT OF SUBCONTRACTORS (¶ 11 of the ASA Addendum to Subcontract (2004))

- TRUST

- DEADLINE

- DIRECT PAYMENT / JOINT CHECKS

EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA
Trust: No provision.	Trust:	Trust:	Trust:	Trust:	Trust:	B-200GC
Deadline: None	No trust, fiduciary	No trust. See ¶	YES, all payments for	No provision.	No provision.	(2000)

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provided.	liability expressly	6.5.1.	work performed by subs	Deadline:	Deadline:	Trust:
Direct Payment /	disclaimed. ¶ 9.6.7.	Deadline:	"shall be held in trust by	No provision.	No deadline;	No trust. See ¶
Joint Checks: None	Deadline:	No deadline;	Contractor for such	Direct Payment	contractor must	15.12.
provided.	No deadline;	contractor "will	Subcontractors." ¶	/ Joint Checks:	"promptly pay"	Deadline:
	contractor must	pay" subs "in	6.9.2.	No provision.	subcontractors.	No deadline;
	"promptly pay"	accordance with its	Deadline:		6.2.1. Owner	contractor
	subs. ¶ 9.6.2.	contractual	No, but Owner may		"may" tell subs	"shall pay"
	Architect may reply	obligations to such	follow-up and demand		about applications	subs. ¶ 15.12.
	to sub inquiries	parties" ¶ 6.5.1.	payment of a sub within		for payment and	Direct
	about payment	Direct Payment /	7 days of notice. \P 6.9.4.		payments. ¶ 6.2.2.	Payment /
	applications. ¶ 9.6.3	Joint Checks:	Direct Payment / Joint		Direct Payment /	Joint Checks:
	Direct Payment /	No provision.	Checks:		Joint Checks:	Owner can
	Joint Checks:		Yes, if Contractor fails		No provision.	issue joint
	No provision.		to pay after written			checks if
			notice from Owner. ¶			Contractor
			6.9.4.			fails to pay.
						15.12.

ASA Model General Conditions Best Practices for PAYMENT OF SUBCONTRACTORS: Owner payments to the contractor must be held in trust for the contractor's subcontractors and suppliers. The contractor must be provided a firm deadline of not more than 7 days by which it must disburse funds it receives from the owner for payment of contractor's subcontractor's and suppliers. The owner should expressly preserve its authority to pay a subcontractor directly who is not paid by the contractor.

PUNCHLIST: see RETAINAGE, COMPLETION AND FINAL PAYMENT

RETAINAGE, COMPLETION AND FINAL PAYMENT (¶ 9 of the ASA Addendum to Subcontract (2004))

- RETAINAGE

- SUBSTANTIAL COMPLETION

- PUNCHLIST

- FINAL PAYMENT

EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA
Retainage:	Retainage:	(1998)	Retainage:	Retainage:	Retainage:	B-200GC (2000)
Held until final	Paid at	Retainage:	Menu ¶ 6.6.4	Paid at substantial	No provision in	Retainage:
payment, see ¶ 14.14.	substantial	Paid at	No retainage, or	completion less 200%	general conditions;	Not addressed.
Substantial	completion, less	substantial	reduced retainage,	estimated cost of	separate CMAA	Substantial
Completion:	punchlist	completion,	after 50% completion	punchlist items. ¶ 9.6.4.	contract	Completion:
Subjectively defined:	amounts. ¶ 9.8.5.	less punchlist	6.6.2 Line item 6.6.3.	No retainage after 50%	documents	Objectively
"in the opinion of	Substantial	amounts. ¶	Substantial	completion; Contractor	includes a blank	defined: "when the

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Engineer [the	Completion:	6.6.2.	Completion:	may substitute	for retainage	Owner can occupy
Work] is sufficiently	Objectively	Substantial	Objectively defined:	securities; line-item	terms.	or beneficially use
complete, in	defined:	Completion:	"sufficiently complete	release permitted.	Substantial	satisfactorily
accordance with the	"sufficiently	Objectively	in accordance with the	9.2.4. Owner must pay	Completion:	completed Work
Contract Dcouments,	complete in	defined:	Contract Documents,	amounts retained for	Subjective: "date	for its intended
so that the Work (or	accordance with	"sufficiently	so that Owner may	punchlist items	determined by CM	purpose." See
specified part) can be	the Contract	complete so	access, occupy, use	"monthly as each item	when the Work	Article 28.
utilized for the	Documents so	that Owner	and enjoy the Project	is completed." ¶ 9.6.4.	is sufficiently	Determined by the
purposes for which it	that the Owner	can occupy	for its intended	Substantial	complete in	Professional.
is intended. ¶ 1.38.	can occupy or	and use the	purpose" and a	Completion:	accordance with	12.1, 12.1.4,
Punchlist: Contractor	utilize the Work	Project for	Certificate of	Objectively defined:	the Contract	12.1.5, 12.1.7.
prepares with request	for its intended	its intended	Occupancy is issued.	"sufficiently complete in	Documents so that	Operation,
for certificate of	use." ¶ 9.8.1.	purposes." ¶	1.4.1 (z).	accordance with the	the Owner may	maintenance
substantial	Certified by	1.2.11.	Punchlist:	Contract Documents so	fully occupy and	manuals and
completion. Engineer	architect. ¶ 8.1.3,	Punchlist:	Contractor prepares	that the Owner may	use the Project	training required
and Owner must	9.8.3.	Owner	first draft and must	occupy or utilize the	for the use	28 days in advance
review and attach to	Punchlist:	prepares	supplement per	Project" ¶ 2.3.17.	intended" ¶	of substantial
certificate. ¶ 14.8.	Contractor	punchlist after	Owner's instructions	Issuance of Certificate	1.1.11, 2.1.13.	completion. ¶ 3.13.
Final Payment: Work	submits first	joint	after inspection.	of Occupancy explicitly	Punchlist:	Punchlist:
must be "completed"	draft. ¶ 9.8.2.	inspection	5.11.3-5.11.4.	not a requirement when	CM prepares the	Contractor submits
and Contractor's	Final punchlist is	with	Final Payment:	"due to factors beyond	list. ¶ 11.7.1.	first draft. ¶ 12.1.2.
"other obligations	attached to the	contractor.	Contractor may apply	the Contractor's	Final Payment:	Architect
under the Contract	certificate of	6.6.1.	for payment after	control." ¶ 2.3.17.	Owner and CM	supplements
Documents" must be	substantial	Final	Certificate of Final	Punchlist: Contractor	must be	during Substantial
fulfilled. ¶ 14.13.	completion	Payment:	Completion issued.	prepares first draft. ¶	"satisf[ied] that the	Completion
Final payment is a	prepared by	Work must be	5.12.6. Conditioned	9.6.2. Owner must pay	Work has been	inspection.
waiver of all claims	Architect.	"in conform-	on receipt of	monthly "for unfinished	completed and the	12.1.4.
unless previously	9.8.4.	ance with the	certificates of	items as each item is	Contractor's other	Final Payment:
made in writing and	Final Payment:	Contract	insurance for	completed." ¶ 9.6.4.	obligations under	Tied to completion
still unsettled.	Work must be	Documents."	coverages to remain in	Final Payment:	the Contract	of punchlist and
14.15.2.	"acceptable	¶ 6.7.1. DBer	effect after completion	Owner must pay	Documents have	determination
	under the	must waive all	(are certificates for	amounts retained for	been fulfilled." ¶	whether work is
	Contract	claims not	future policies	punchlist items	11.11.1. Final	"finally complete."
	Documents." ¶	previously	available?) ¶¶	"monthly as each item	payment is waiver	¶ 12.2.3, 12.2.4.
	9.10.1, 12.2.1.1.	made and	6.10.1(iv), 3.4.1.	is completed." ¶ 9.6.4.	of claims. ¶¶ 2.2.5,	No final payment
	Final payment is	identified as	Contractor's	"Final completion"	11.13.1.3. Final	until "satisfactory

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a waiver of all	unsettled. ¶	application may	requires that Work is	payment may be	final clean-up" and			
claims unless	6.7.2.2.	identify claims sought	"acceptable under the	withheld while	inspection by			
previously made		to be preserved. ¶	Contract Documents." ¶	rights to liens	owner and A/E			
and identified as		5.12.1. Claims must	9.8.1.	exist. ¶ 11.5.2.	¶3.11			
unsettled.		be reserved in the	Contractor may preserve					
9.10.5.		Certificate of Final	claims identified in					
		Completion or they	request for final					
		are waived. ¶ 5.12.5,	payment.¶ 9.8.7.					
		5.12.8.						
SA Model General Conditions Best Practi	ices for RETAIN	ASA Model General Conditions Best Practices for RETAINAGE, COMPLETION AND FINAL PAYMENT: Retainage should be due on substantial						

completion, less only those amounts sufficient to pay for punch list items. Substantial completion should be objectively defined as the time when the project is sufficiently complete to be occupied or utilized, such as when a certificate of occupancy is issued. Final payment must not constitute a waiver of claims previously asserted in writing and still pending at the time of final payment.

SCOPE OF WORK (¶ 1 of the ASA Addendum to Subcontract (2004))

	ASA Addendum	to Subcontract (2004))			
EJCDC 1910-8 (1990)	AIA A201-	DBIA 535	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA
	1997	(1998)			(2002)	B-200GC (2000)
Contractor's bid is a "contract			Menu permits	All work "reasonably		
documents" if attached, ¶ 1.10, but	All work	All work	choice	inferable to produce	All work	Separate
scope is all work "that may	"reasonably	"reasonably	between	the indicated results."	"reasonably	"agreement"
reasonably be inferred from the	inferable	inferable from	"results	¶¶ 3.1.1, 14.2.1. Bid	inferred to	document (B100-
Contract Documents or	to produce	the Contract	indicated" and	incorporated "only to	produce the	GC (2000))
fromprevailing custom or trade	the	Documents." ¶	"results	the extent consistent	intended result	requires everything
usage as being required to produce	indicated	1.2.12.	intended". ¶	with the other Contract	whether or not	"necessary for
the intended result whether or not	results." ¶		1.4.1 (aa).	Documents." ¶ 2.1.2.	specified." ¶	proper execution
specifically called for." ¶ 3.2.	1.2.1.				1.1.16; see also	and completion of
					1.1.17 ("overall	its scope of the
					intent")	Work" (B100-GC
						at ¶ 4.1).

ASA Model General Conditions Best Practices for SCOPE OF WORK: The scope of work must be limited to all work actually indicated in the plans and specifications which was the subject of the contractor's bid.

SITE INSPECTION, PLAN DEFECTS and HAZARDOUS MATERIALS (¶ 5 of the ASA Addendum to Subcontract (2004)) see also DESIGN DELEGATION

EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200	CMAA A-3 (2002)	COAA
Site Visit:	Site Visit:	Site Visit:	Site Visit:	(2000)	Site Visit:	B-200GC
Site visit required to "check and	Site visit and	Owner required to	Site visit required.	Site Visit:	Site visit required.	(2000)

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verify pertinent figures and	observations	provide, and DBer	¶¶ 1.5.1(ii), 5.3.1,	Site visit	1.1.14, 4.17.1.	Site Visit:
field measurements." Contractor	required. ¶¶	entitled to rely	1.4(k). Menu	required. ¶	Contractor must	Site visit
liable for errors discovered and	1.5.2, 3.2.1.	upon, survey and	choice to hold	3.16.1.	"conduct additional	required, and
errors Contractor "reasonably	Contractor may	subsurface	contractor liable for	Contractor	investigations as	contractor must
should have known thereof," ¶	rely on owner-	geotechnical	discrepancies it	entitled to rely	may be necessary,"	"gather[] all
2.5, or "could reasonably have	furnished	studies. ¶ 3.2.1.	recognized or	on Owner-	¶ 4.17.2. Claims:	information
been discovered," ¶ 4.2.6.4.2.	survey. ¶ 2.2.3.	Claims: Specific	"should have	furnished	Adjustment only if	necessary for a
Contractor may only rely on	Claims:	claims procedure.	recognized." ¶ 5.3.4,	information.	Contractor "not	full
those portions of owner-	Specific claims	¶¶ 4.2.1, 4.2.2, see	cf. ¶ 8.3.4.	4.3. Claims:	reasonably	understanding
furnished reports that are	procedure. ¶	also ¶ 8.2.1.	Contractor may rely	Contractor	expected to have	of its scope of
specifically identified as	4.3.4.	Hazardous	on facts in contract	may make a	been aware" or was	the Work."
"technical data" in the	Hazardous	Materials:	documents "only to	claim for	"reasonably	¶2.2. Claims:
Supplementary Conditions. ¶	Materials:	Contractor must	the extent the	adjustment of	entitled to rely	Claims
4.2.2. Contractor must	Contractor must	stop work	information is	time or price.	upon" an incorrect	procedure
independently verify utilities. ¶¶	stop work	immediately and	complete, in final	3.16.2.	representation in	permits
4.3, 6.20.3. Claims: Permitted	where	notify Owner.	form, and consistent	Hazardous	the Contract	"equitable
for material difference in site	"reasonable	4.1.1. Owner	with all other	Materials:	Documents.	adjustment." ¶
conditions: ¶¶ 4.3.3, 4.3.4, 4.3.5,	precautions will	must remediate;	information known	Contractor	4.17.5; <u>cf.</u> ¶ 4.17.3	18.1.
4.3.6.	be inadequate."	DBer time and	or reasonably	may stop work,	(may rely on	Hazardous
Hazardous Materials:	¶ 10.3.1.	price adjustments	available." ¶¶ 2.4.2,	and must	"factual data	Materials:
Contractor must stop work. ¶	Owner must	"to the extent	8.3.4. Contractor	notify owner.	used by the	Contractor must
4.5.2 Owner musttake	remediate;	cost and/or time of	must independently	¶¶ 3.13.1,	Designer.")	stop work and
corrective action and	Contractor time	performance have	verify utilities.	3.13.2, 3.13.3.	Hazardous	"immediately
indemnifies Contractor. ¶¶ 4.5.1,	and price	been adversely	¶2.4.3.	Owner must	Materials:	notify" owner,
4.5.4.Contractor time and price	adjustments and	impacted." ¶¶	Hazardous	remediate. ¶¶	Contractor must	verbally and in
adjustments, ¶ 4.5.2.	"reasonable	4.1.4, 8.2.1.	Materials:	3.13.1, 3.13.4.	stop work and	writing. ¶ 3.9.
	costs of shut-	Owner	Contractor must	Owner	notify Owner. ¶	No express duty
	down, delay and	indemnifies DBer.	stop all work in	indemnifies	4.18.2. Owner	of owner to
	start-up" ¶	¶¶ 4.1.5, 4.1.6.	affected area and	contractor. ¶	indemnifies	remediate. No
	10.3.2.		notify owner.	3.13.6.	contractor. ¶ 4.18.4.	Owner
	Owner		11.2.2. Owner must	Contractor	No adjustment	indemnification
	indemnifies		pay direct	time and price	unless a portion of	of Contractor.
	contractor. ¶		suspension and	adjustments for	the Work is	No mention of
	10.3.3, 10.5.		start-up costs.	"additional	"deleted." ¶ 4.18.3.	adjustment.
			11.2.7. Owner	costs" or		
			indemnifies	"delay[s]" ¶		

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ASA Model General Conditions Best Practices for SITE INSPECTION, PLAN DEFECTS AND HAZARDOUS MATERIALS: A contractor may be required to conduct a site visit, make observations, and report discovered discrepancies, but must not have an affirmative duty to discovery problems in the site conditions or design that a person in the subcontractor's trade would not ascertain by a reasonable, visual inspection. Contractors must be entitled to rely on the accuracy and completeness of the plans and specifications, and on the accuracy of reports of conditions furnished by the owner. See also DESIGN DELEGATION.

SUBMITTALS: see CONTRACT DOCUMENTS

SUBSTANTIAL COMPLETION: see RETAINAGE

SUSPENSION OF WORK (¶ 19 of the ASA Addendum to Subcontract (2004))

EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3 (2002)	COAA		
						B-200GC (2000)		
Owner may suspend	Owner may	Owner may	Owner may suspend	Owner may	Owner may			
work for up to 90 days,	suspend and the	suspend for 60	and the contractor	suspend and	suspend for up to	Owner may		
Contractor entitled to	contractor may	consecutive days,	may claim an	contractor may	180 days. The	suspend for		
claim time and price	claim an	90 days aggregate,	adjustment. ¶¶ 5.9.1,	claim an	contractor may	causes the fault		
adjustments. ¶ 15.1.	adjustment. ¶	and DBer may	5.9.4. Contractor	adjustment. ¶	claim an	of the contractor		
Contractor may	14.3.2.	claim an	may terminate for	11.1.1. Contractor	adjustment. ¶ 2.2.	until remedied;		
terminate for longer		adjustment. ¶ 11.1.	suspensions longer	may terminate for	Contractor may	no adjustment		
suspensions. ¶ 15.5.		DBer may	than 90 consecutive	suspensions	terminate for	permitted.		
		terminate for	days. ¶ 9.1.1.	exceeding 30 days.	suspensions	23.1. Contractor		
		longer suspensions.		¶ 11.5.1.	exceeding 180	has no express		
		¶ 11.4.1.1.			days. ¶ 13.1.1.	right to terminate		
						for long		
						suspensions. See		
						¶ 24.2.		

ASA Model General Conditions Best Practices for SUSPENSION OF WORK: The contractor should be entitled to claim time and price adjustments for any suspension of work which is not the fault of the contractor. The contractor should be able to terminate the contract for unreasonably long suspensions measured in the aggregate, and not by consecutive days. Terms restricting recovery where work "would have been" suspended anyway due to contractor's fault merely restate common law requirement for causation.

TERMINATION FOR CONVENIENCE (¶ 20 of the ASA Addendum to Subcontract (2004))

EJCDC 1910-8 (1990)	AIA A201-1997	DBIA 535 (1998)	AOD 2002GC	AGC 200 (2000)	CMAA A-3	COAA
Contractor paid for	Contractor paid	Not handled in	Contractor paid	Contractor paid for	(2002)	B-200GC (2000)
completed work and	for completed	general conditions,	for completed	completed work and	Contractor paid	Contractor paid for
expenses prior to	work, costs, plus	but referenced	work, costs of	costs of termination.	for cost of work	completed work, costs,

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termination date,	"reasor		from other DBIA	termination.	11.4.2		performed plus	plus "reasonable
claims terminat	overhea	ad and	documents.	9.4.3.		actor may	reasonable	allowance for
	profit c	on the	11.2.4, see also ¶			nate contract for	termination	overhead on profit" on
	Work r		1.2.1.			r suspension for	expenses. ¶	"the terminated
	execute	11				nience and is	13.2.2. Suspend	portion" of the work
	14.4.3.					d to equitable	work for up to 6	unless Owner can
					adjust	ment of time and	mos. without	show Contractor
						¶¶ 11.1.1,	reimbursement	would not have made
					11.5.1		of costs: 2.2.2	a profit. ¶ 24.4.
								Payment up to original
								contract amount only.
								¶ 24.6.
ASA Model General Con			0					
then the contractor must	be entitl	ed to its expe	ectancy contract dama	ges, i.e., profit ar	nd overhe	ead on uncomplete	d work, plus all expe	enses related to
termination (such as term	nination	of subcontrac	cts and attorneys fees)	, plus payment f	or work c	completed and exp	enses for labor and r	naterials to the date of
termination.								
VENUE: see LAV	N ANI	D VENUI	E					
WAIVERS (¶ 14 of t	he ASA A	ddendum to Sul	bcontract (2004))					
EJCDC 1910-8 (1990)		201-1997	DBIA 535 (1998)	AOD 2002GC		AGC 200 (2000)	CMAA A-3	COAA
Unconditional waivers	"[W]ai	vers of	Affidavit that	Unconditional	lien	Conditional lien	(2002)	B-200GC (2000)
required for final	liens, c	laims,	subcontractors are	waivers throug	h date	waivers may be	"[L]egally	Lien waivers may
payment. ¶ 14.12.	securit	y interests	paid is required,	of prior applica	tion for	required for	effective" lien	be required for
	or encu	imbrances	but not lien	payment may b	e	progress	waivers required	d progress payments.
	in s ¹	uch form as	waivers. ¶ 6.2.3,	required, or		payments.	before final	¶15.3.1
	may be	e designated	6.7.2.	conditional lier	1	9.2.3.1.	payment.	
	by the	Owner"		waivers throug	h date		11.10.2.	
	require	d for final		of current payn	nent			
		nt. ¶ 9.10.2.		application. ¶ 6				
ASA Model General Con	nditions	Best Practic	es for WAIVERS: La	anguage requiring	g one par	ty to sign waivers	in whatever form is	considered suitable by
the other party is general								
payments already received								
contractor.	*			— ·		-		
WARRANTY (¶ 4	of the AS	A Addendum to	Subcontract (2004))					
EJCDC 1910-8 (1990)		AIA A201-		AOD 2002GC	AGC 20	00 (2000)	CMAA A-3 (2002)	COAA
			(1000)					

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(a) Materials: "new" ¶

(a) Materials:

B-200GC (2000)

(a)Materials:

(a) Materials "of good quality

1997

(1998)

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and new" ¶ 6.5.	(a) Materials -	(a) Materials	"above average	3.5. New, good quality,	"good quality and	(a) Materials-
(b) Work - Contractor must	"of good	"new of	quality" ¶	free of defective	new"	new, merchantable,
"supervise, inspect and direct	quality and	good quality"	2.2.2. New,	workmanship or	(b) Work: "skillful	and of specified
the Work competently and	new"	(b) Work –	unused, "free	materials. ¶ 3.8.1.	and workmanlike	quality.
efficiently," ¶¶ 6.1, and must	(b) Work –	"free of	of defects: ¶	Certain special or	manner" ¶ 4.4.2,	(b)Work -installed
use competent, qualified	"free from	defects in	5.13.1.	extended warranties	"not defective" ¶	in "strict
personnel. ¶ 6.3. All work	defects not	materials and	(b) Work:	limited to one year.	4.13.2, "competent	compliance" with
must not be "defective." ¶¶	inherent in the	workmanship	"above average	3.8.3.	and suitably	manufacturer specs.
6.30.1, 1.14. Abuse,	quality	"¶2.9.1.	quality" ¶	(b) Work:	qualified	¶ 5.2.
modification, improper,	required or	(c) One-year	2.2.2. "free of	"workmanlike" ¶ 3.5.	personnel" ¶ 4.4.3;	Work in a submittal
maintenance or operation	permitted" ¶	correction	defects" ¶	Free of defects "not	NOTE:	must "function
excluded. Wear and tear	3.5.1.	period, no	5.13.1.	intrinsic in the design or	"Contractor's	properly." ¶ 7.2.1.
excluded.	(c) One-year	express	(c) One year	materials required." ¶	responsibility to	Work
(c) One year correction period	correction	waiver by	correction	3.8.1.	perform the Work	performed in
requires owner to notify	period,	Owner. ¶	period, no	(c) One year correction	in accordance with	"workmanlike
contractor before incurring	mandatory	2.10.1.	express waiver	period, express waiver	the Contract	manner." ¶ 13.2, cf.
costs. ¶ 13.12.1, 13.14.	against owner,		by Owner. ¶¶	by Owner. ¶ 3.9.1.	Documents is	¶ 3.1 ("best skill
	express waiver		5.14.1, 5.14.2,	Owner must promptly	absolute" ¶ 4.3.5.	and attention").
	by Owner. ¶¶		5.14.4.	notify contractor of any	(c) One year	(c) One-year
	12.2.2.1-			defects whenever	correction period,	correction period
	12.2.5.			discovered. ¶ 3.9.4.	no express waiver	includes a required
					by Owner. ¶ 10.3.1.	walk-through at 11
						months. ¶ 13.1
					1 . 0 . 1 0 .	

ASA Model General Conditions Best Practices for WARRANTY: A contractor's warranty should provide that work is free of defects and performed in workmanlike manner, but must exclude defects inherent in the design or specified materials, ordinary wear and tear, improper maintenance, abuse, modifications, and implied warranties. A contractor's warranty must have a time limit which should run from either substantial completion or issuance of a certificate of occupancy to the owner, whichever is earlier. A contractor's warranty must reserve the right of the contractor to notice and an opportunity to cure any claimed breach of the warranty, by providing for waiver of any warranty claims where the contractor is not provided an opportunity to cure.

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