Rename table

r0	
r1	P8
r2	
r3	P7
r4	
r5	
r6	P5
r7	P6

Physical regs.

P0		
P1		
P2		
P3		
P4		
P5	<r6>	p
P6	<r7>	p
P7	<r3>	p
P8	<r1>	p
…		

Free list

P0
P1
P3
P2
P4

issue

ld r1, 0(r3)
add r3, r1, #4
sub r6, r7, r6
add r3, r3, r6
ld r6, 0(r1)

ROB

use	*ex*	*op*	*p1*	*PR1*	*p2*	*PR2*	*ld*	*LPRd*	*PRd*

Rename table

r0	
r1	P0
r2	
r3	P7
r4	
r5	
r6	P5
r7	P6

Physical regs.

P0		
P1		
P2		
P3		
P4		
P5	<r6>	p
P6	<r7>	p
P7	<r3>	p
P8	<r1>	p
…		

Free list

~~P0~~
P1
P3
P2
P4

issue

ld r1, 0(r3)
add r3, r1, #4
sub r6, r7, r6
add r3, r3, r6
ld r6, 0(r1)

ROB

use	*ex*	*op*	*p1*	*PR1*	*p2*	*PR2*	*ld*	*LPRd*	*PRd*
x		ld	p	P7			r1	P8	P0

Rename table

r0	
r1	P0
r2	
r3	P1
r4	
r5	
r6	P5
r7	P6

Physical regs.

P0		
P1		
P2		
P3		
P4		
P5	<r6>	p
P6	<r7>	p
P7	<r3>	p
P8	<r1>	p
…		

Free list

~~P0~~
~~P1~~
P3
P2
P4

issue

ld r1, 0(r3)
add r3, r1, #4
sub r6, r7, r6
add r3, r3, r6
ld r6, 0(r1)

ROB

use	*ex*	*op*	*p1*	*PR1*	*p2*	*PR2*	*ld*	*LPRd*	*PRd*
x		ld	p	P7			r1	P8	P0
x		add		P0			r3	P7	P1