
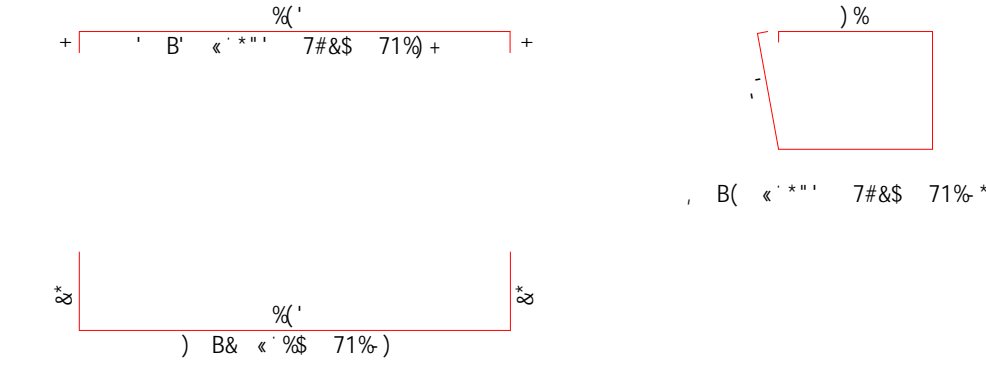
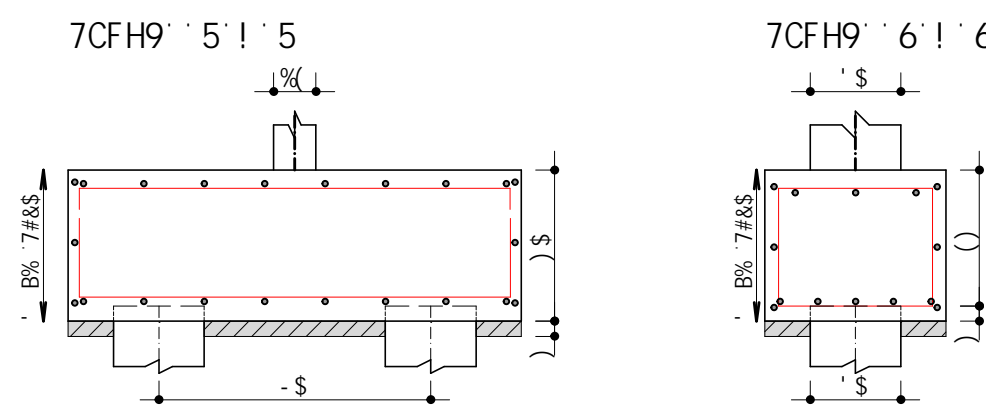
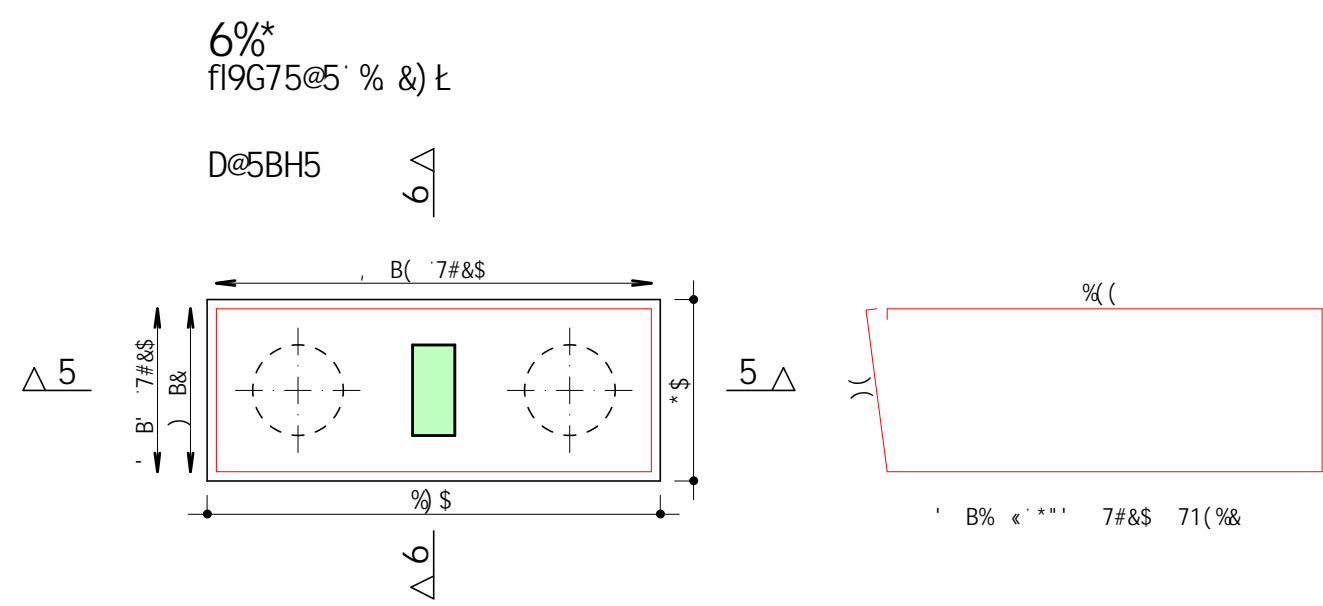
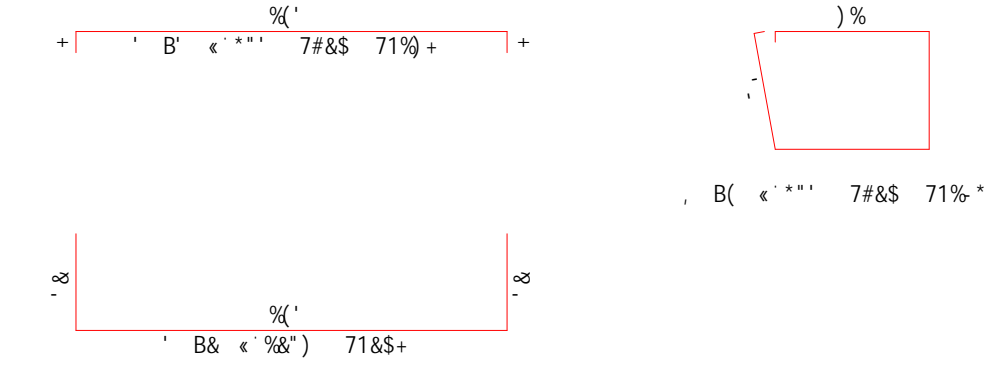
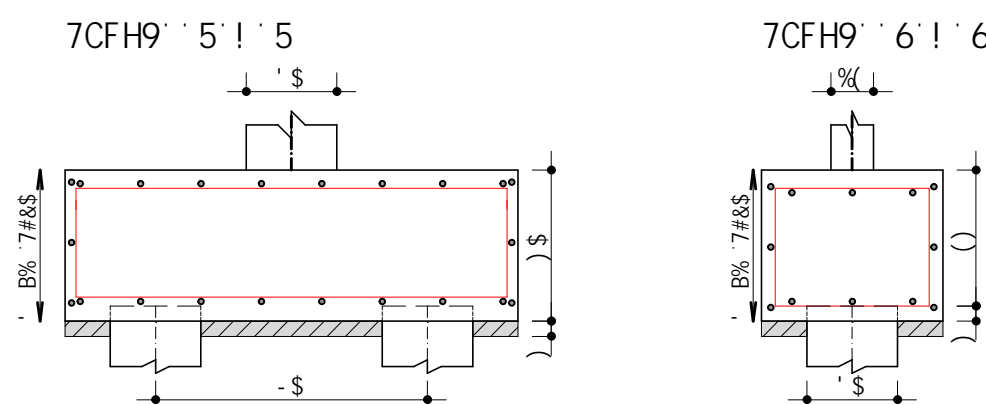
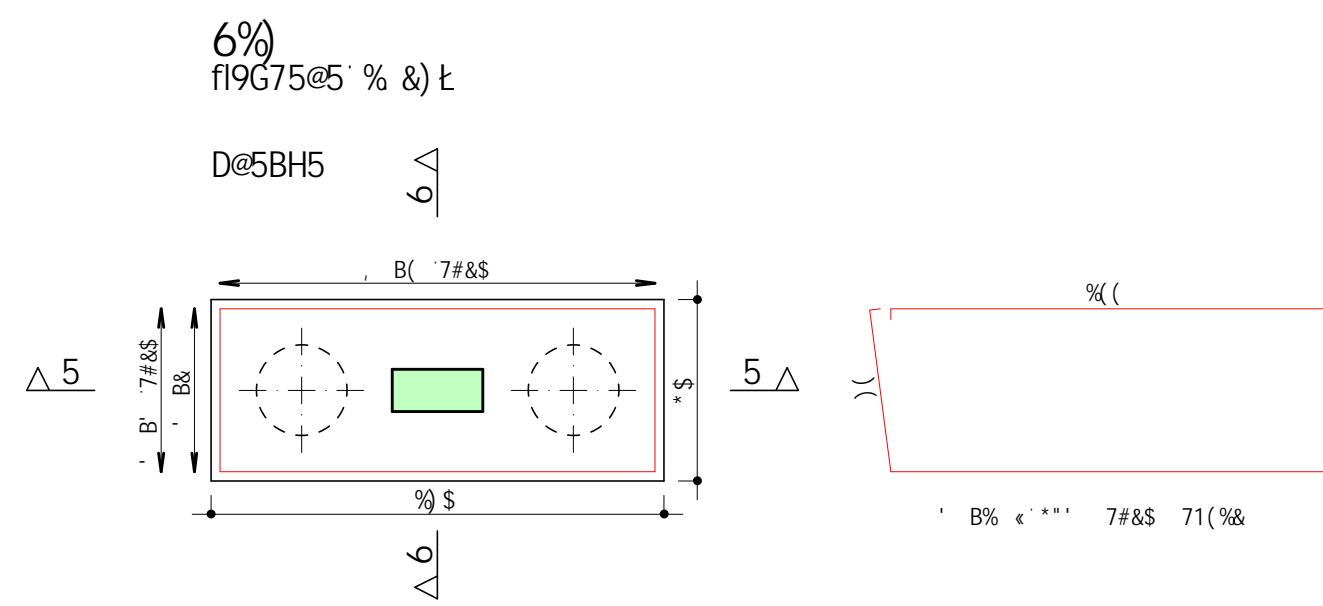
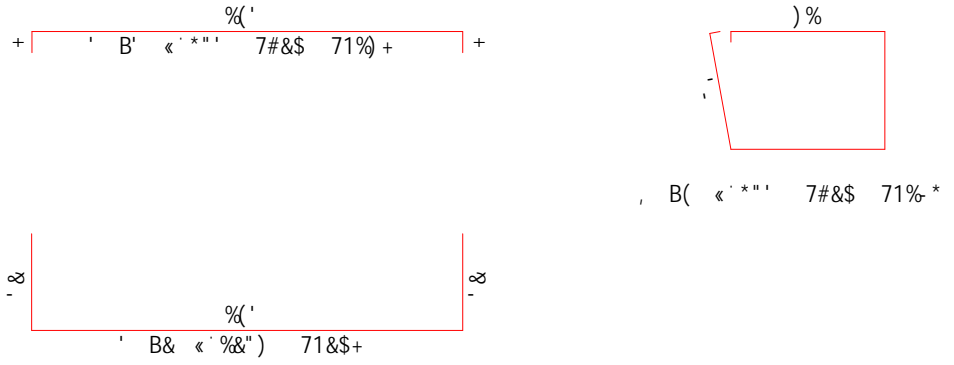
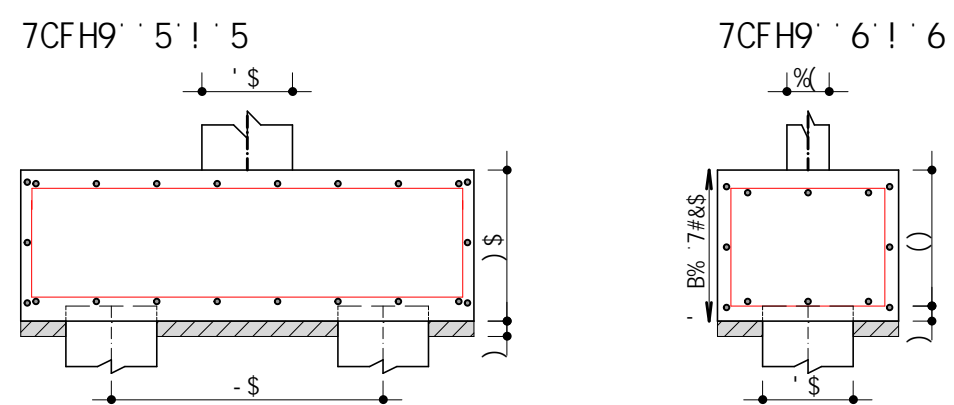
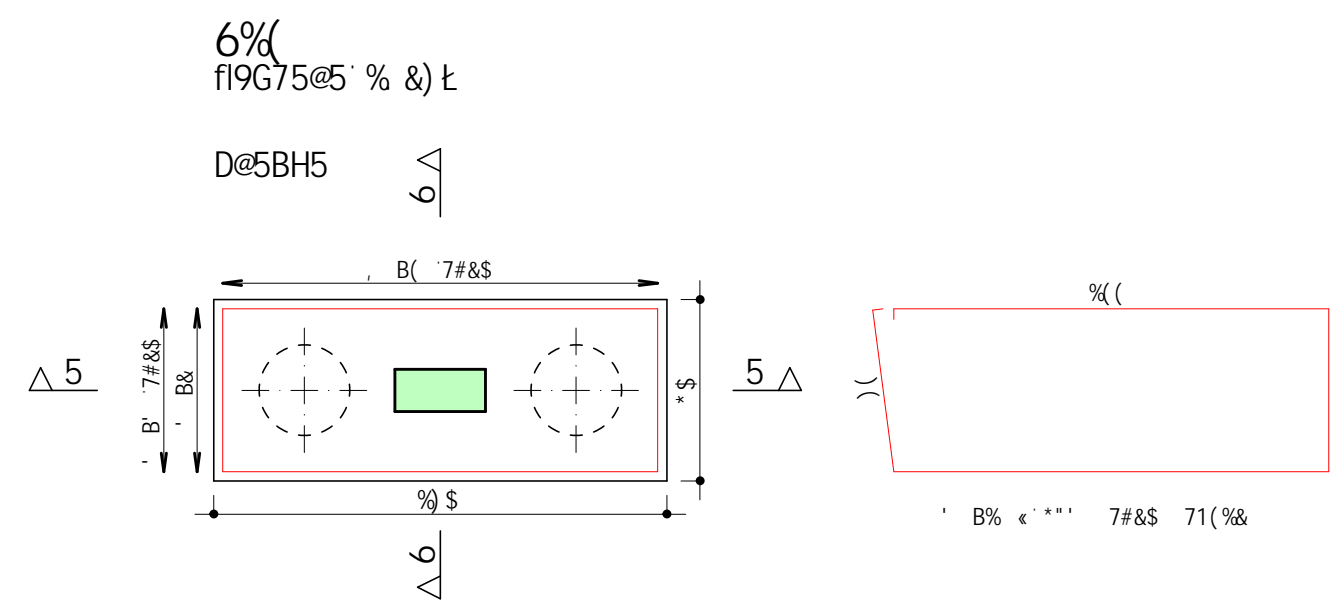


	5uC	DCG	6-H	EI 5BH	7CADF=A9BHC	I B=H	HOH5@
			aa		Vw	Vw	Vw
6%\$							
	\$5	%	)		&'	+	-
	\$5	&	%\$		&5	5'	\$-
	\$5		%\$			85	%'
6%&							
	\$5	%	)		&'	+	-
	\$5	&	%\$		&5	5'	\$-
	\$5		%\$			85	%'
6%&							
	\$5	%	)		&'	+	-
	\$5	&	%\$		&5	5'	\$-
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6%							
	\$5	%	)		(%&	%&	+
	\$5	&	%&')		&5+	%'	&0
	\$5		%&')		%+	+	+
	\$5	(	%'		%+	%	+
6%&							
	\$5	%	)		(%&	%&	+
	\$5	&	%&')		&5+	%'	&0
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	\$5	(	%'		%+	%	+
6%&							
	\$5	%	)		(%&	%&	+
	\$5	&	%&')		&5+	%'	&0
	\$5		%&')		%+	+	+
	\$5	(	%'		%+	%	+
6%&							
	\$5	%	)		(%&	%&	+
	\$5	&	%\$	)	%+	+	+
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	\$5	(	%'		%+	%	+

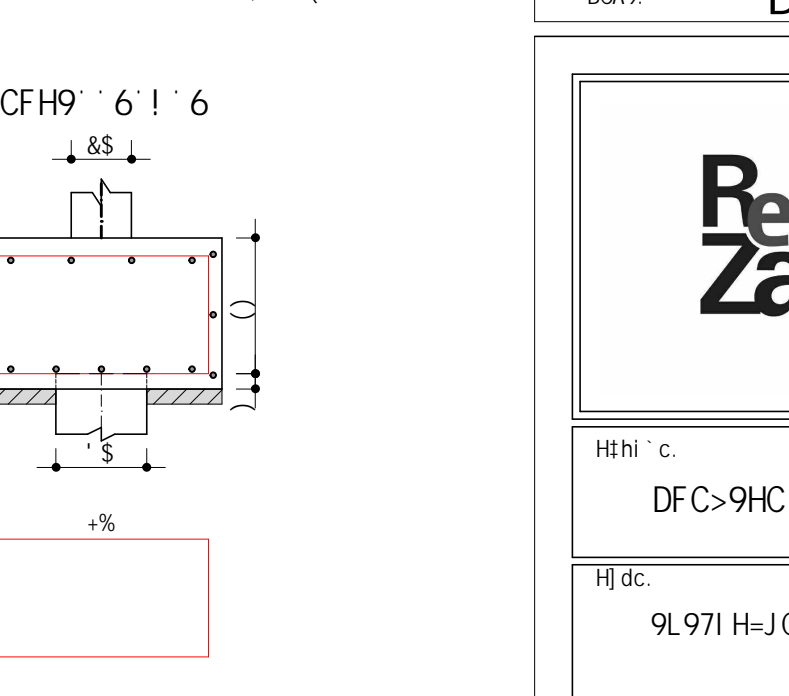
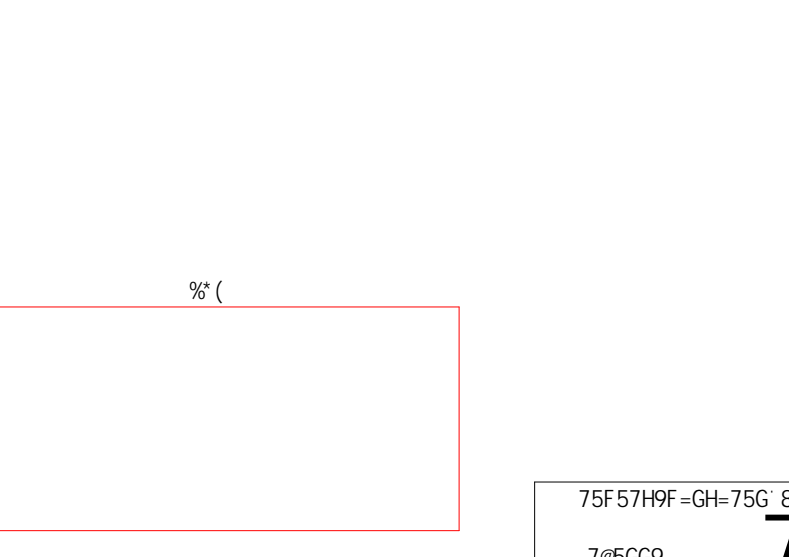
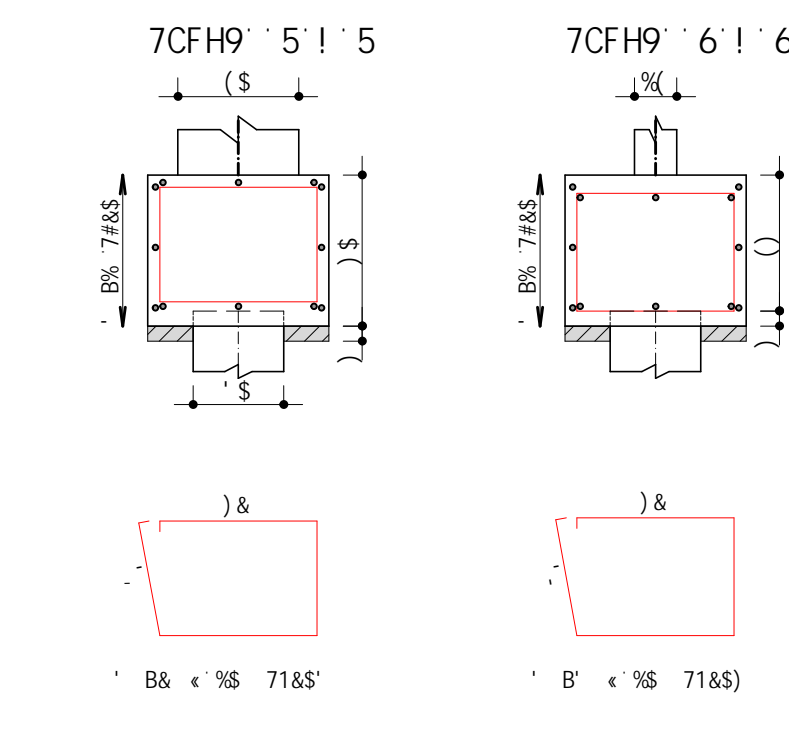
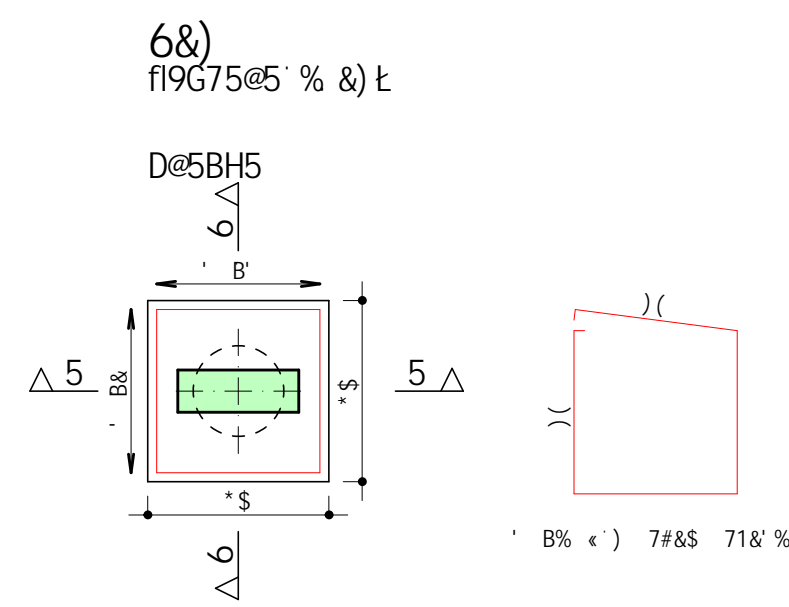
F9GI AC 89 5uC			
5uC	6-H	7CADF	D9GC
	aa	a	_ [Z
.....\$5	)	8%	
.....\$5	.....	% %	&
.....\$5	.....	( *	&-
.....\$5	.....	%	%
DYgc HchU	* \$5 1		[Z
DYac HchU	\$5 1	+	[Z

75F57H9F=GH=75G 85G : CFA5G	75F57H9F=GH=75G 8C 7C87F9HC
7:5GG9.	:77.
BCA9.	F9G @G8B7=5 5CG & : 8=5G
7&\$	&)' ADU
D=BI G	&,' ; DU

		<p>Sj` 7Y` "5bhcz bc .8S(&amp;2 G@ S&amp; ! J} U @ V BXU          7Udc : TUBcXVAG          HF" fl"st`'' )% &amp;S(&amp; p -.-&amp;) &amp;" (&amp;          Vebnchic4f YsbuhUnbuR Xc" Wca</p>				
Hthi` c.						
DFC>9HC' 9GHFI HI F5@! ` 89H5@<5A9BHC' !` HF9' BCJ5' 5B8F5B=BS						
H  dc.  9L97I H=JC	7cbhY+Xc. 6%\$ # 6%Q' # 6%&' # 6% 6%( # 6%Q' # 6%					
@cWU'.  FI5' K5#@HF`<l 657<9F` %() -4BCJ5' 5B8F5B=BS#AG	Drcdf[] Yhzf]c.					
G  hi U. -c.	<hr/> HF[] Vi bu` FY[] cbU` '9' Y) hcfU` '!` AG					
	Si hcfU` Xc: df c"*Yhc.					
	<hr/> FyBUHU NBUfXc: Sfe[] hYhi fU` @B5 l 7SL` .-)` +l & FYgdcbgzj Y` hYVb[] We: dY U YadY Ygl FybhuN BUfUXc: l 7SL` .&%( l+` 7D.` ) "%+` . "\$"% (					
	FYgdcbgzj Y` hYVb[] We: dY U Yl YW. -c XU cVFU.					
aFYUg.	<hr/> 7ccFX` 9b[ " 8] c 7Uadcg Xcg 5b"cg 7F9S. AG 9B8% 7D.` \$` +` (' ""()) -l %&					
afYU` U gYf` Wcbghfi tXu` hYffYC` l` &%{2, \$` a afYU` U fYZcafuf` l` '+` , 2&*` a afYU` dyfAfzj Y` l` '+` +2) , a HdU` XY` cWdW. -c l` \$62` *` i abX[VW` XY` UdFc j Y) nUAYbhc l` --` \$2&& afYU` hcHu` Xc` chY l` % \$S2 \$S` a	<table border="1"> <tr> <td>9gWU` U. % &amp;</td> <td>8UhU. % \$S` &amp;\$&amp;&amp;</td> <td>DfUwU.U. \$\$</td> </tr> </table>			9gWU` U. % &	8UhU. % \$S` &\$&&	DfUwU.U. \$\$
9gWU` U. % &	8UhU. % \$S` &\$&&	DfUwU.U. \$\$				
5dfcj U. -c						

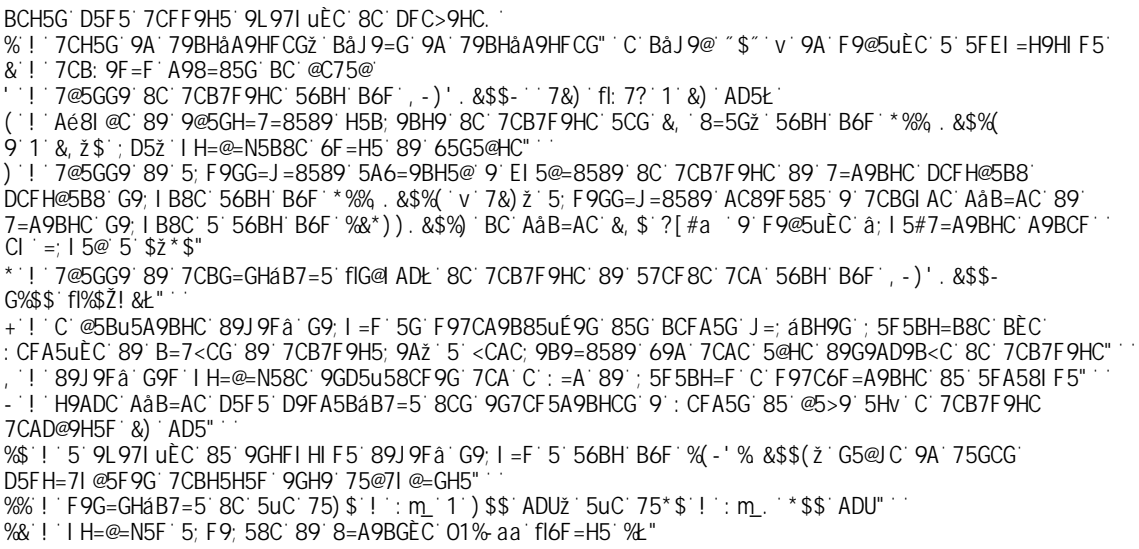




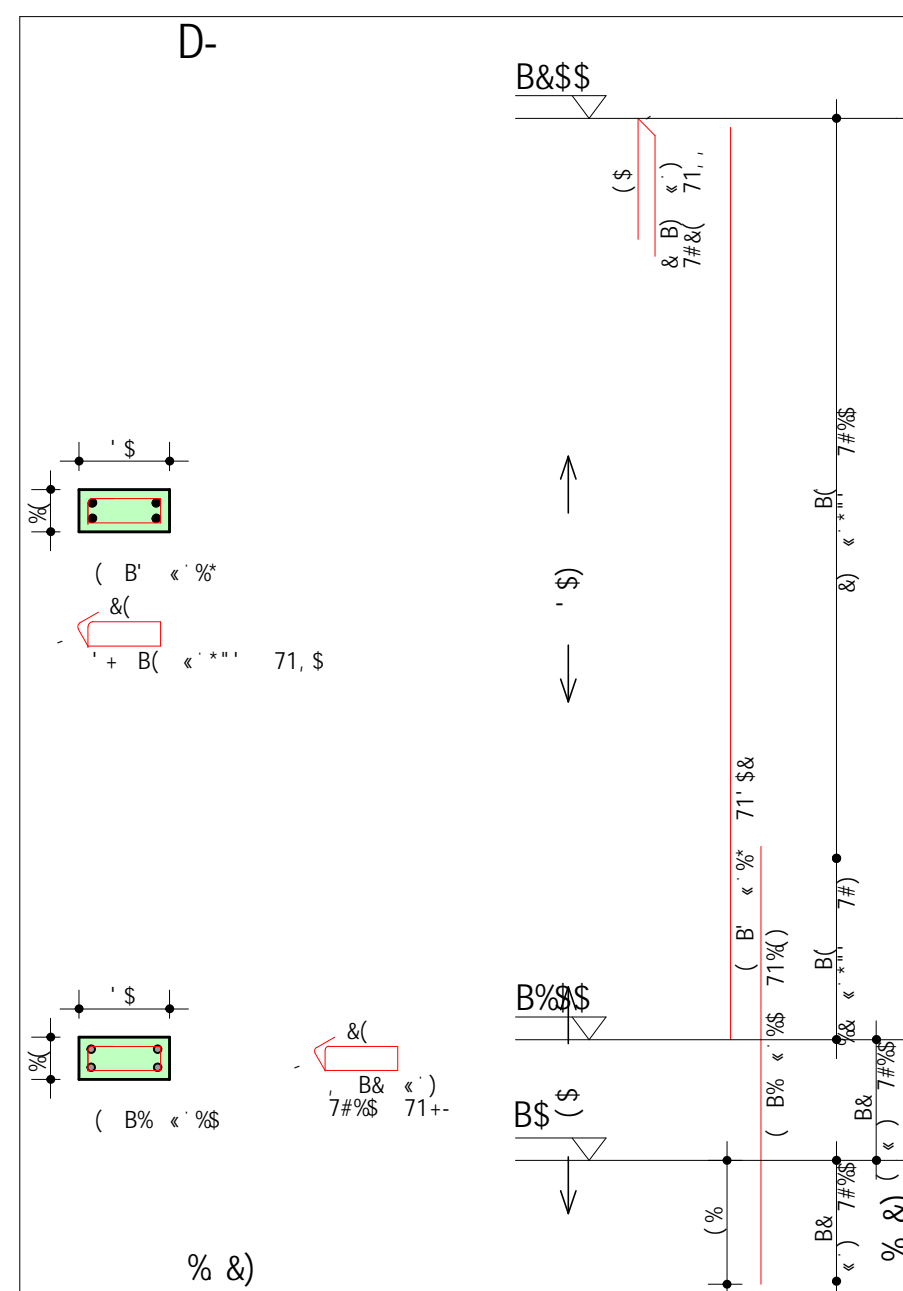
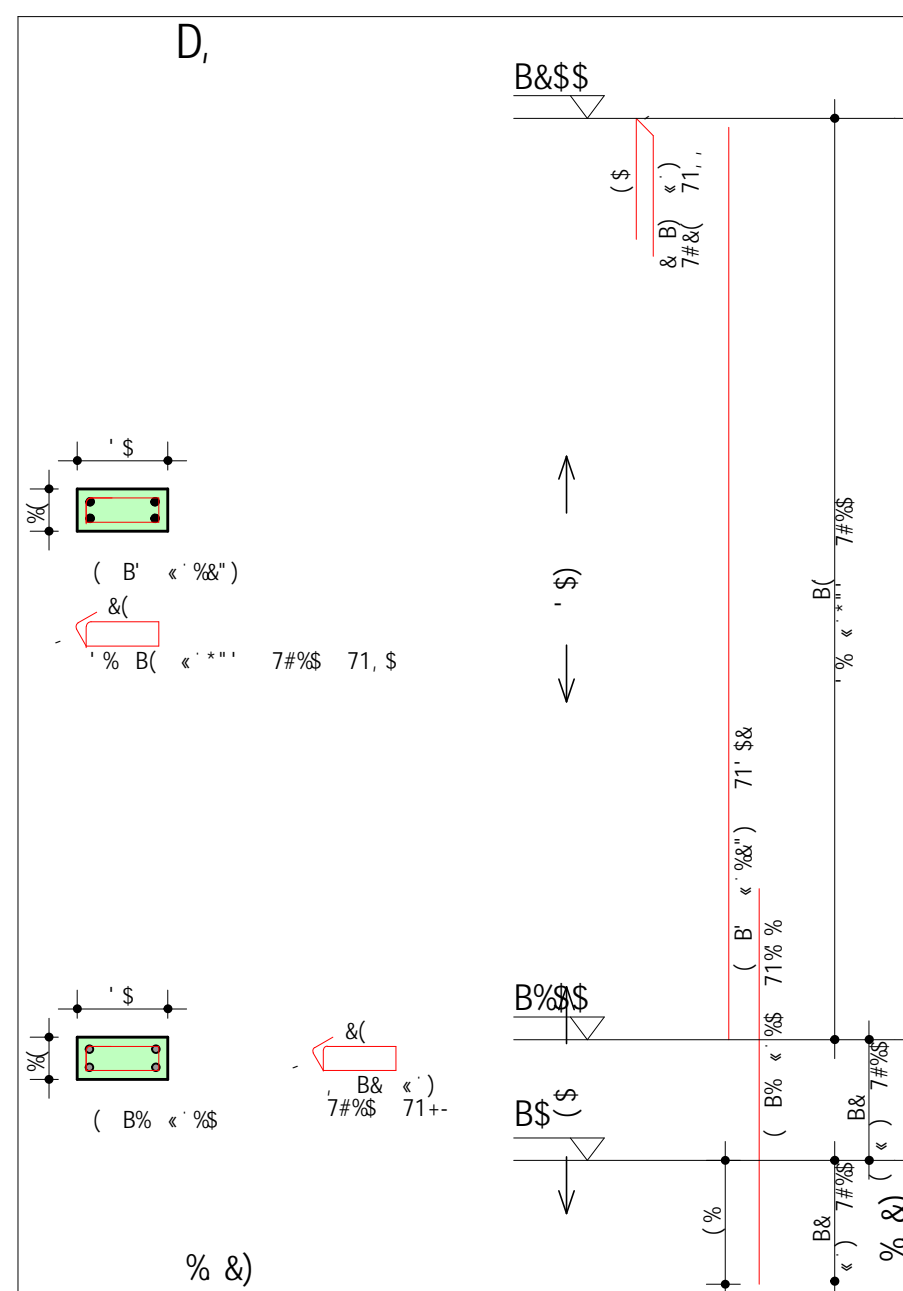
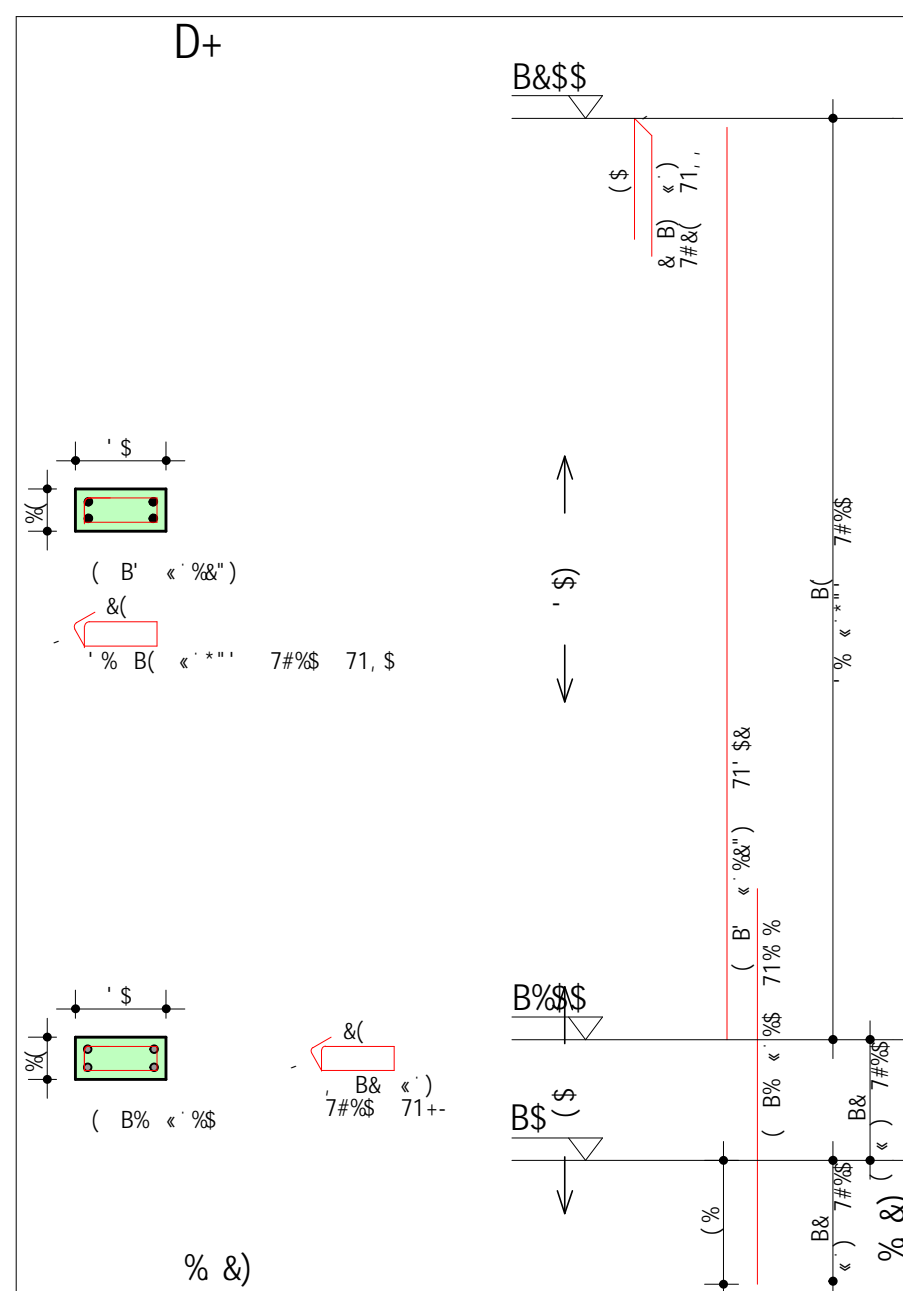
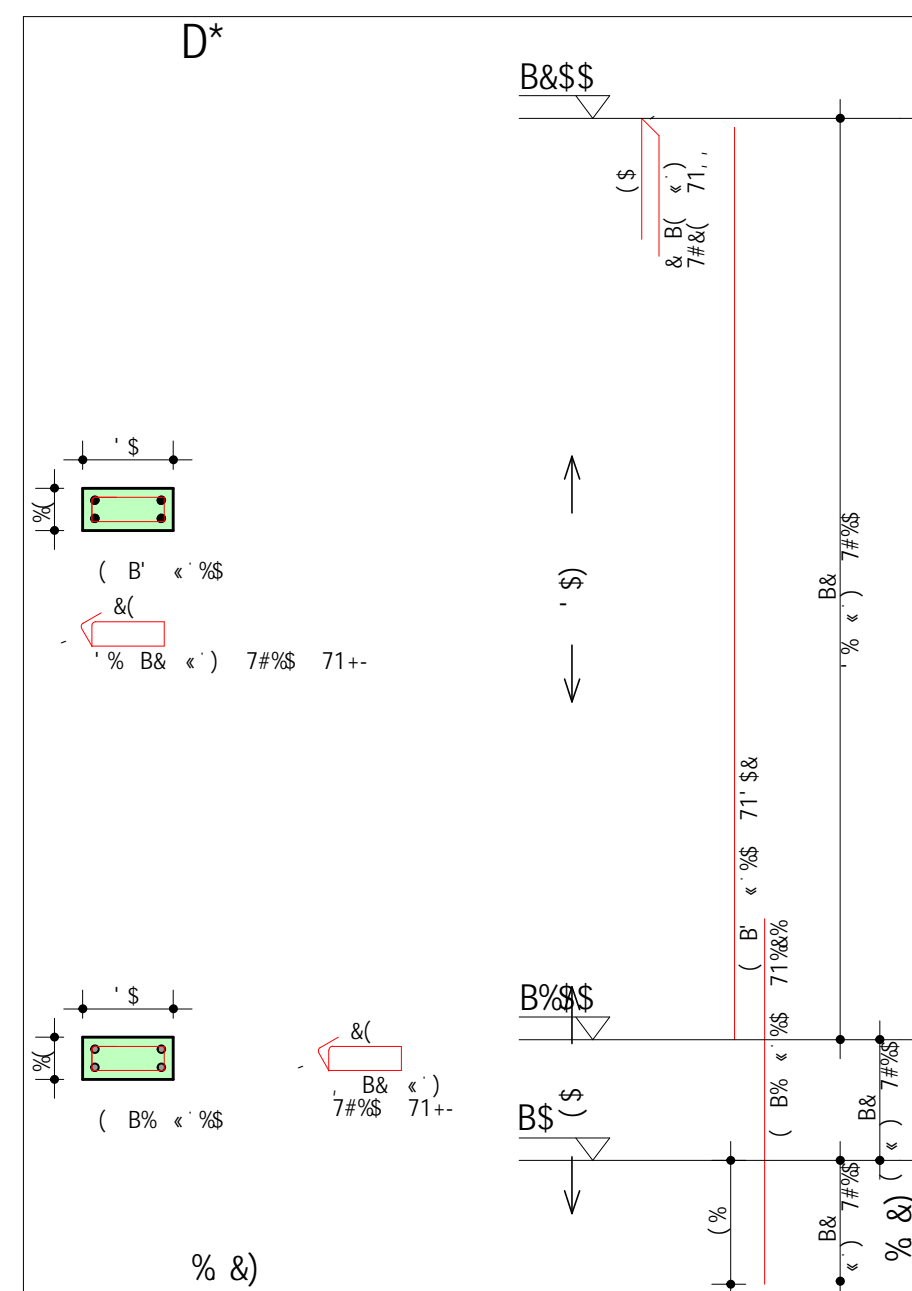
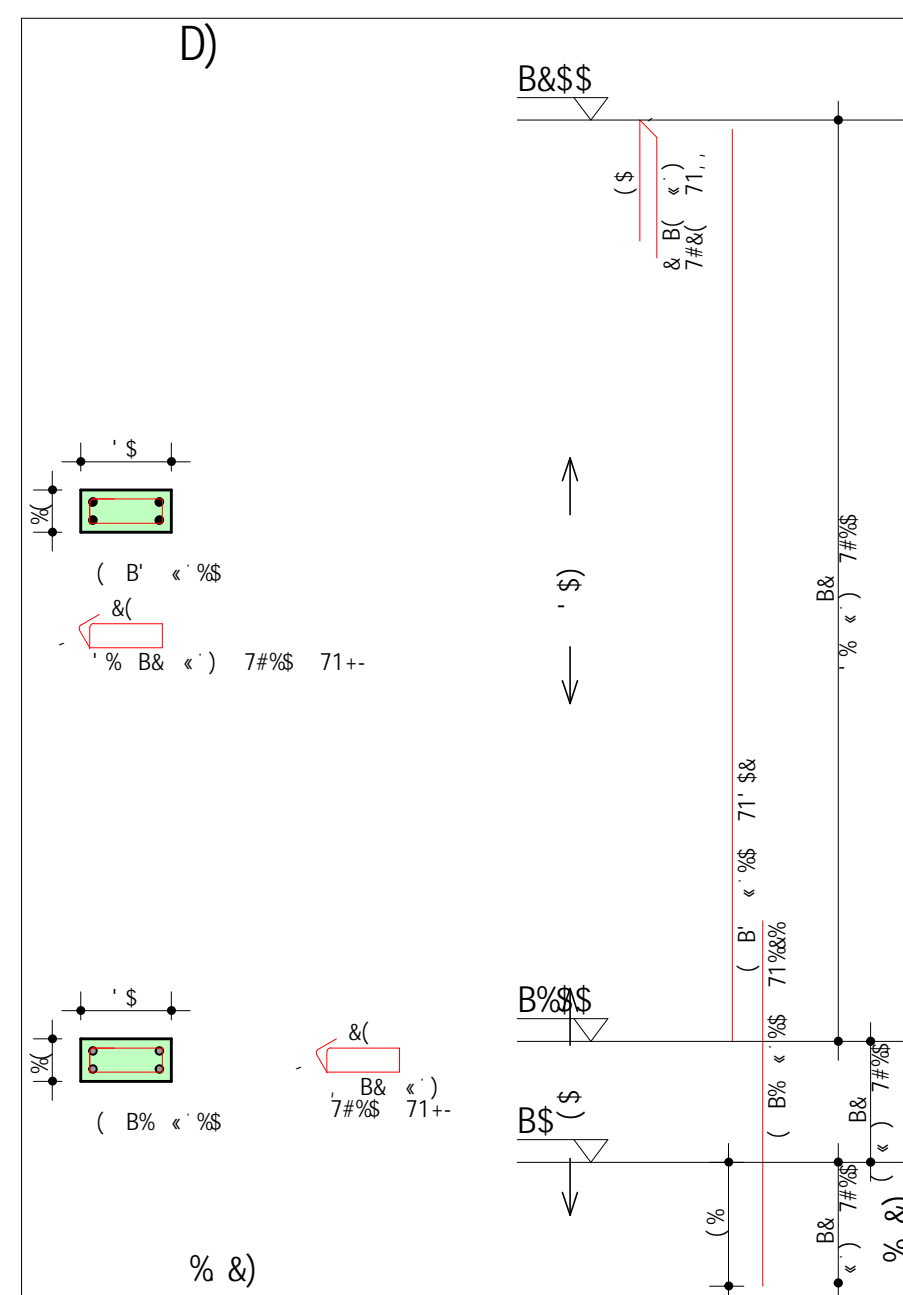
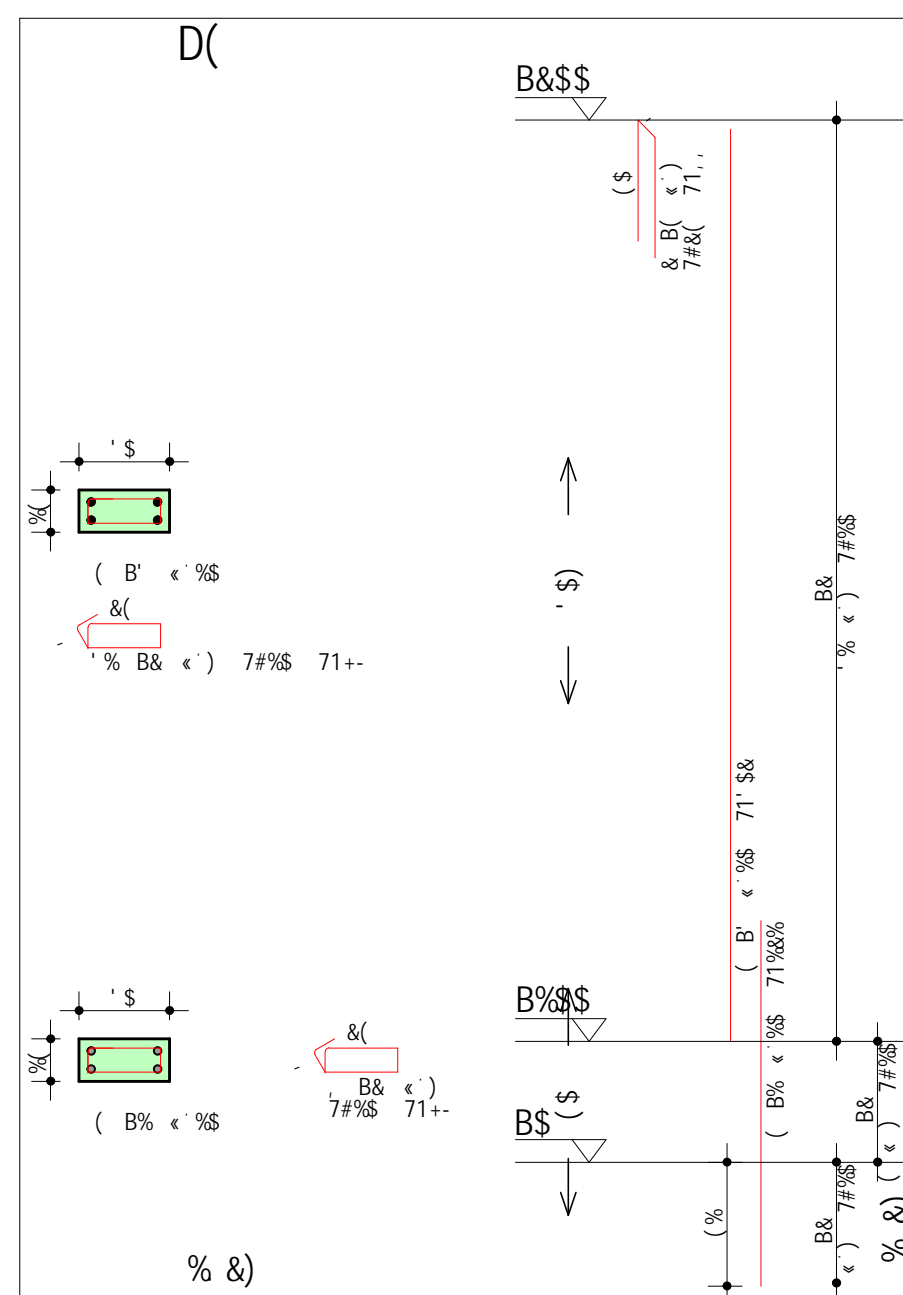
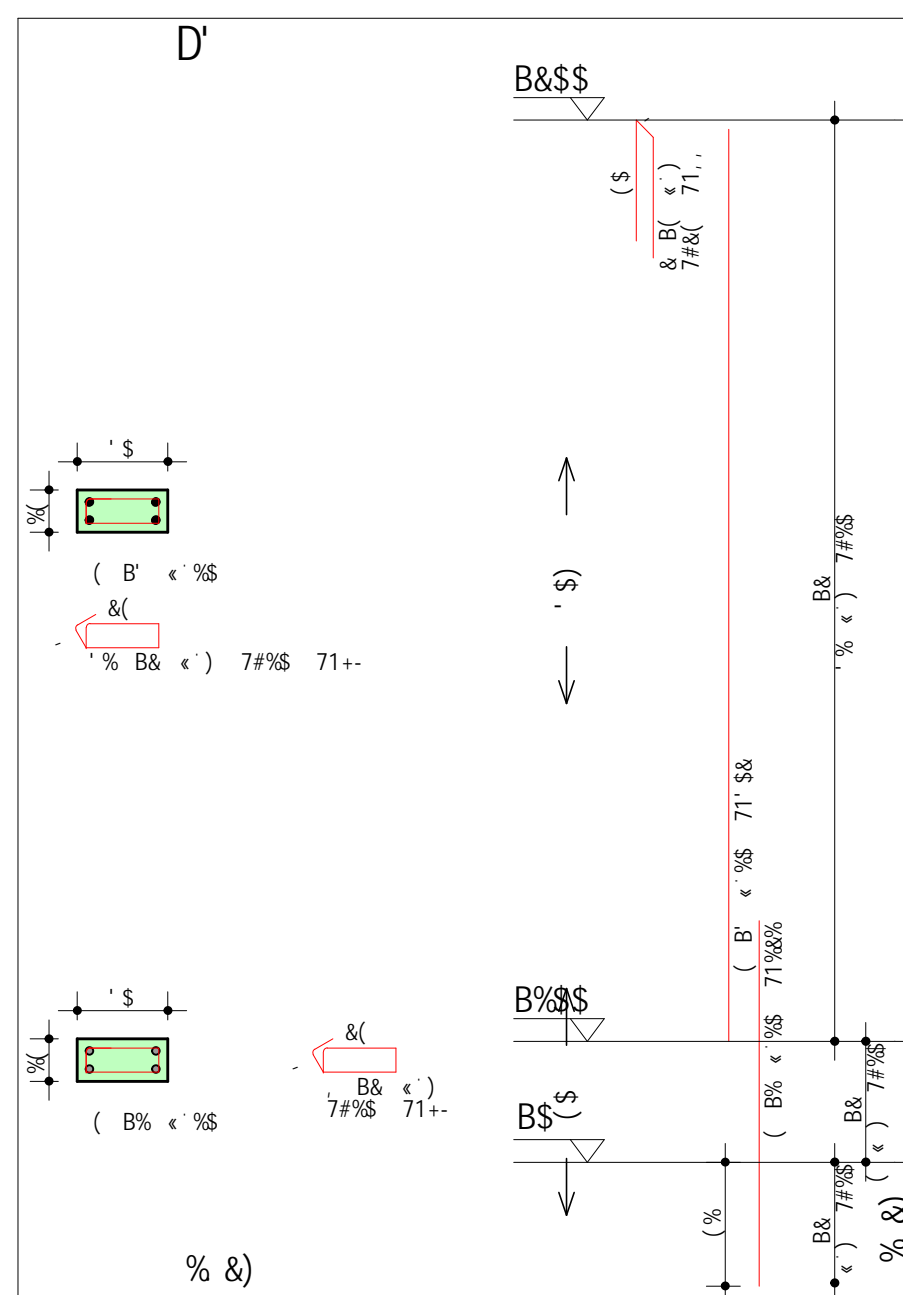
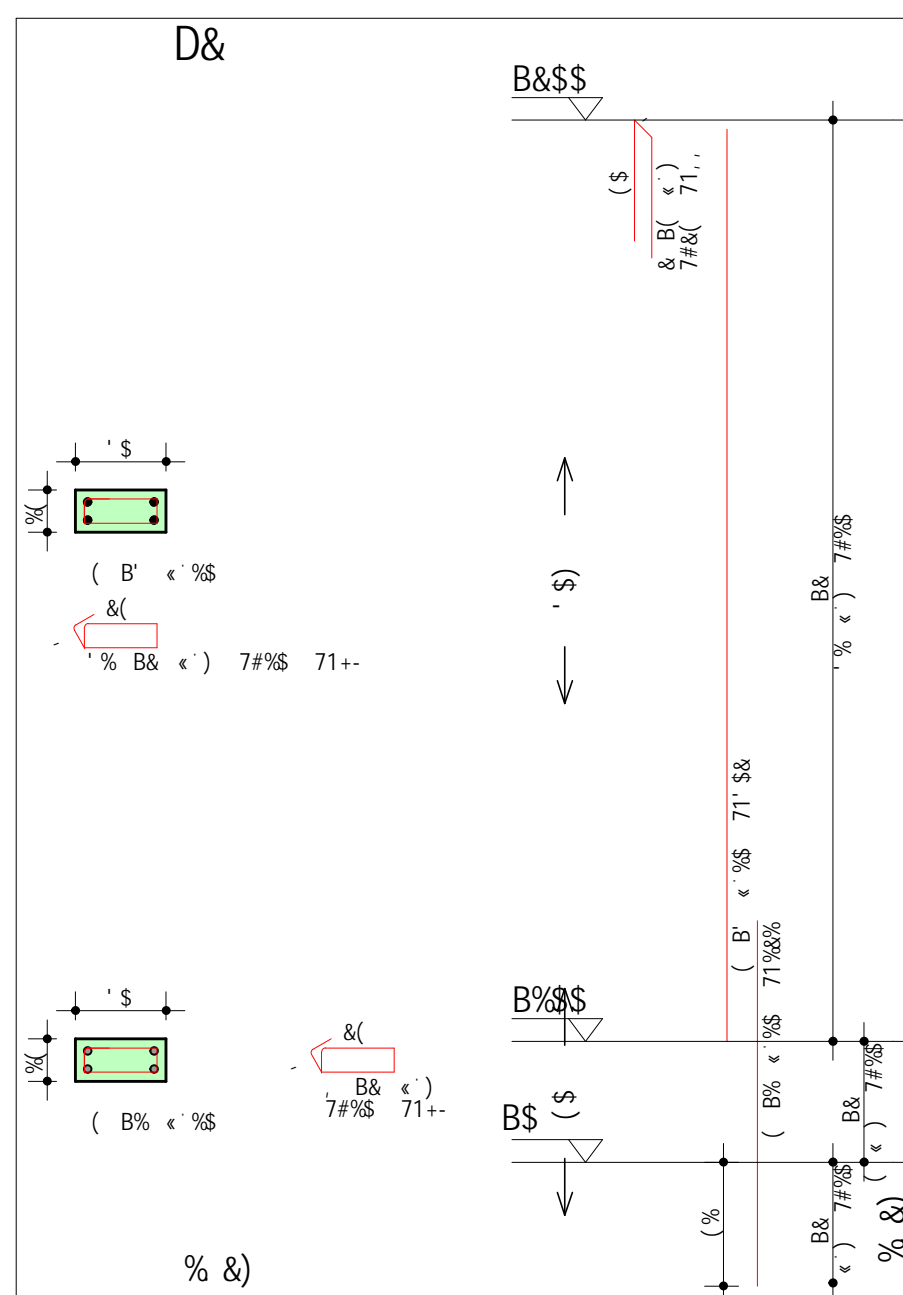
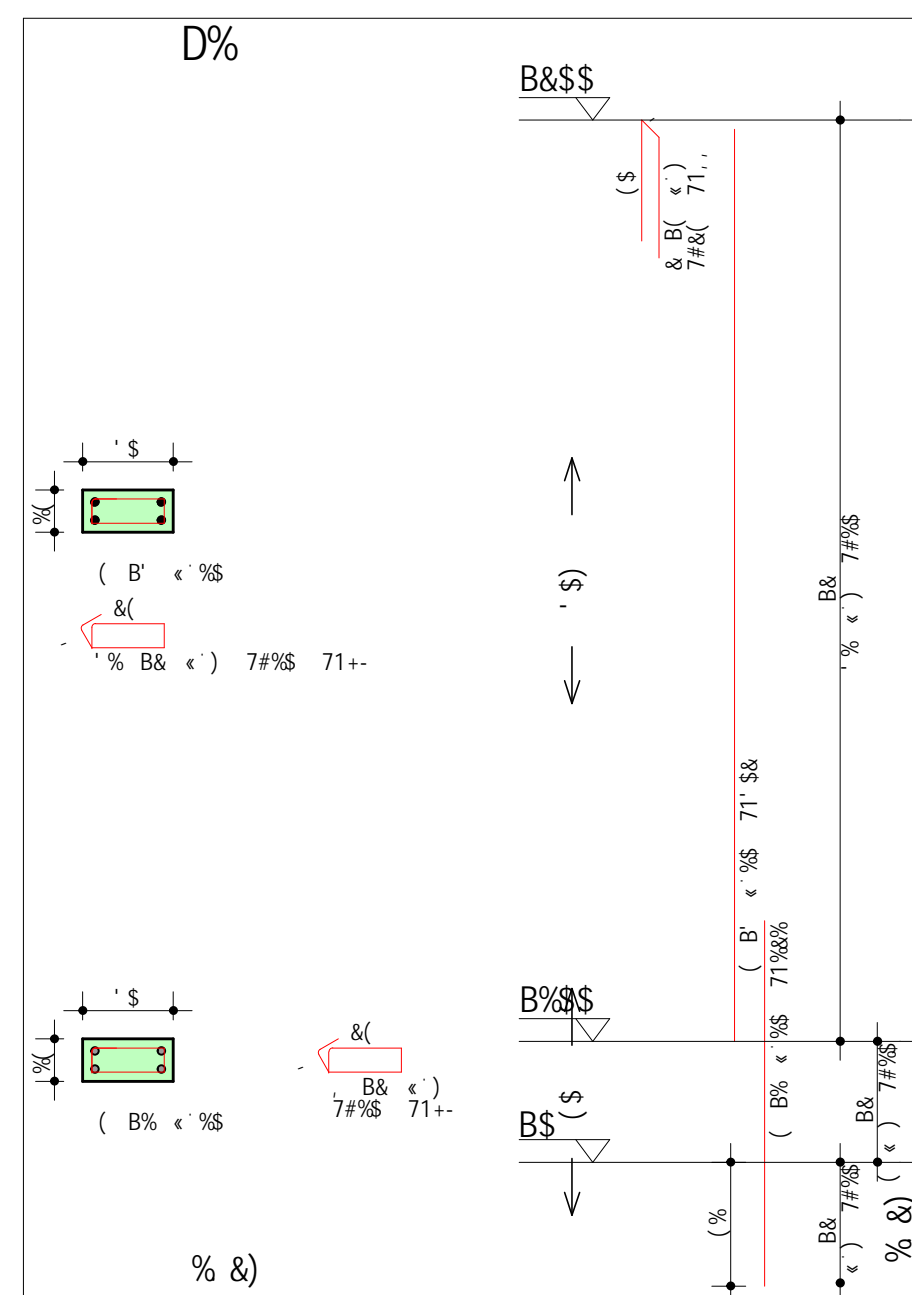


F9GI AC 89 5uC			
5uC	6=H	7CADF	D9GC
.....\$5	aa	a	.. Z
.....\$5	)	(-	+
.....\$5	.....*	.....*	%
.....\$5	.....%	.....*	)-
.....\$5	.....%	.....*	)-
DYgc HchU'	.....\$5' 1		+- Z
DYgc HchU'	.....\$5' 1		+- Z

75F57H9F=GH+75G 85G : CF A5G	75F57H9F=GH+75G 8C 7CB7F9HC.
7@5GCG.	: 7?.
BCA9.	F9G=GH8B7=5 50G & , ' 8=5G
7&\$	&) ' ADU
D=BI G	&, ' ; DU
	A68I @C 50G & , ' 8=5G

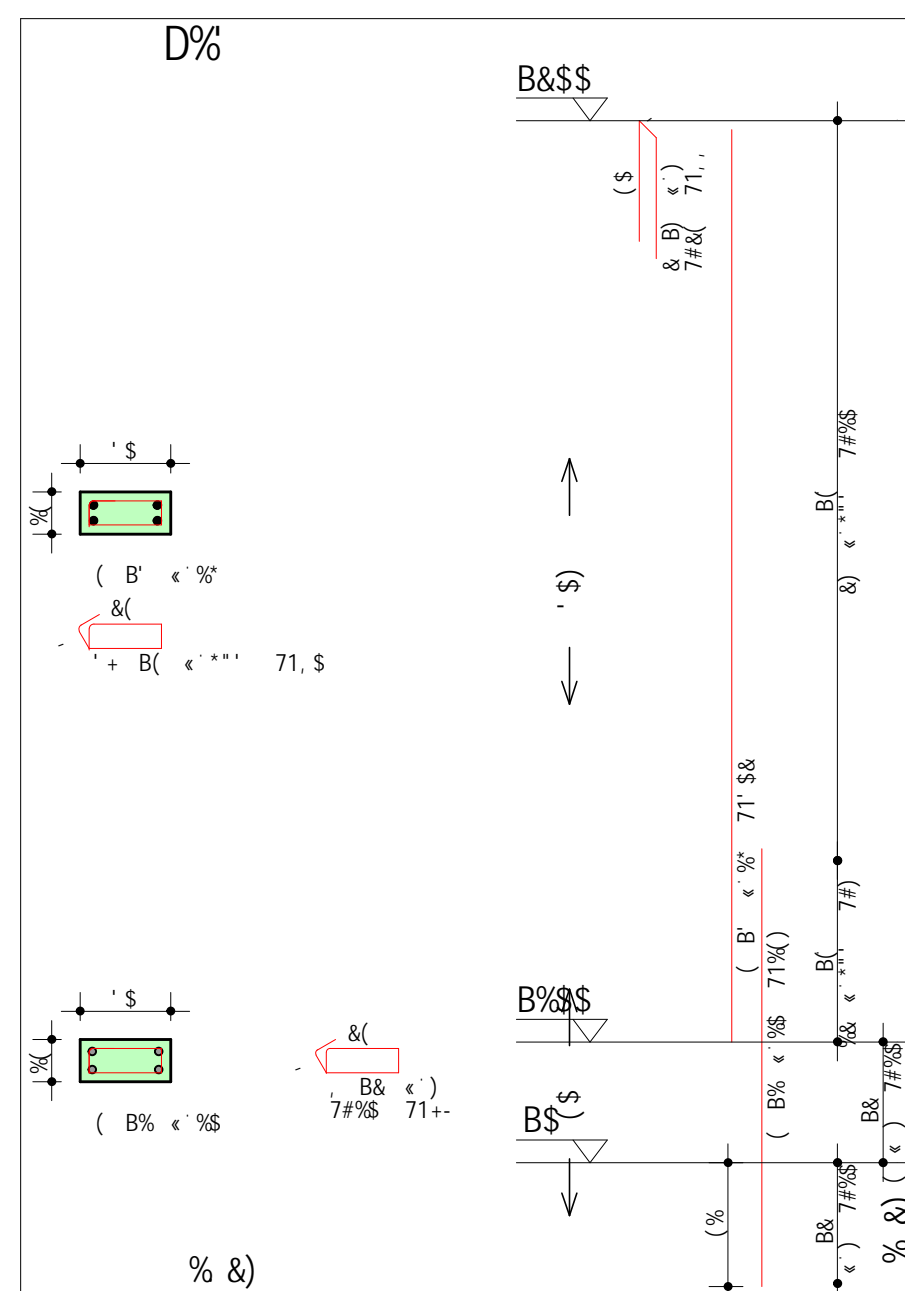
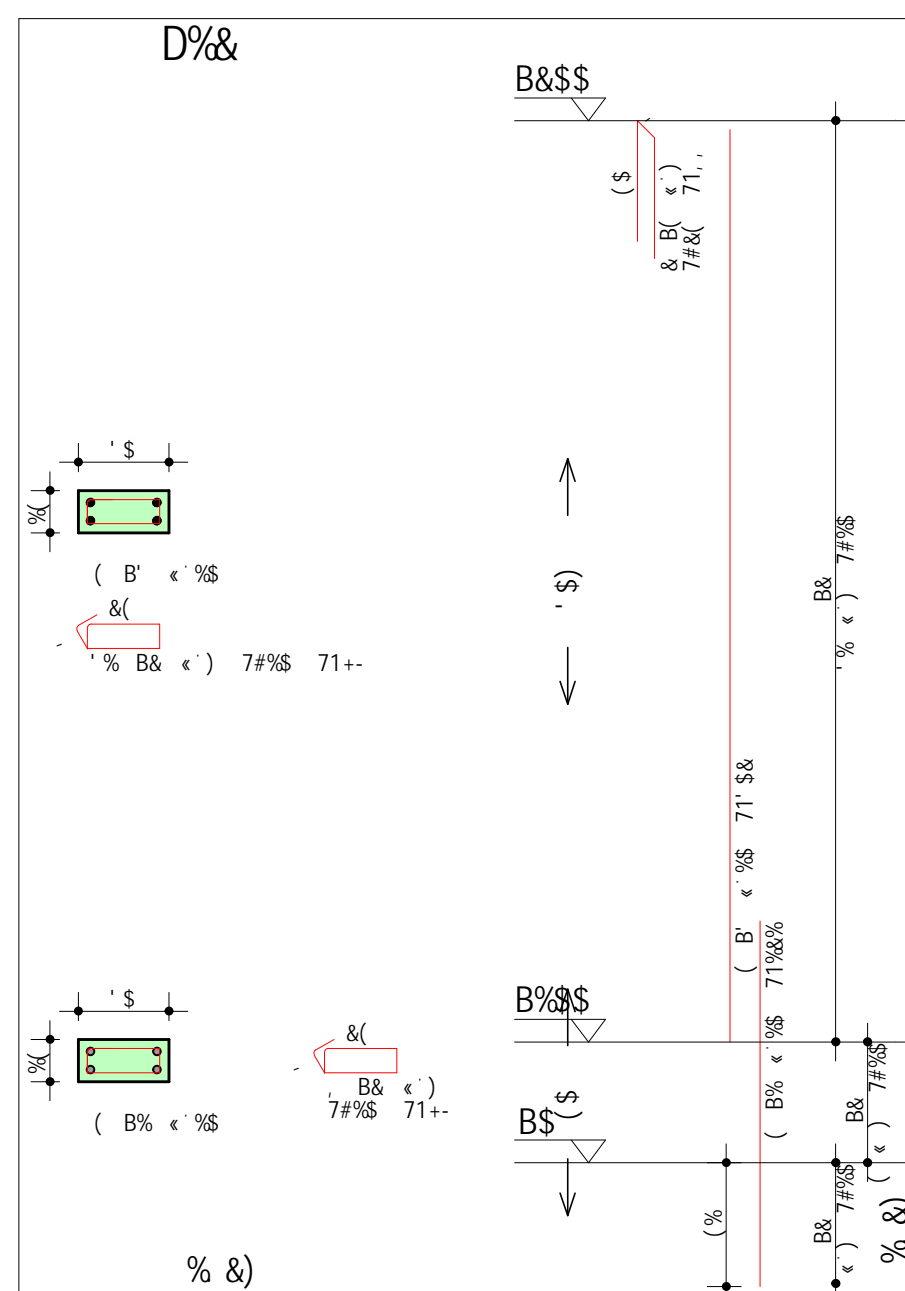
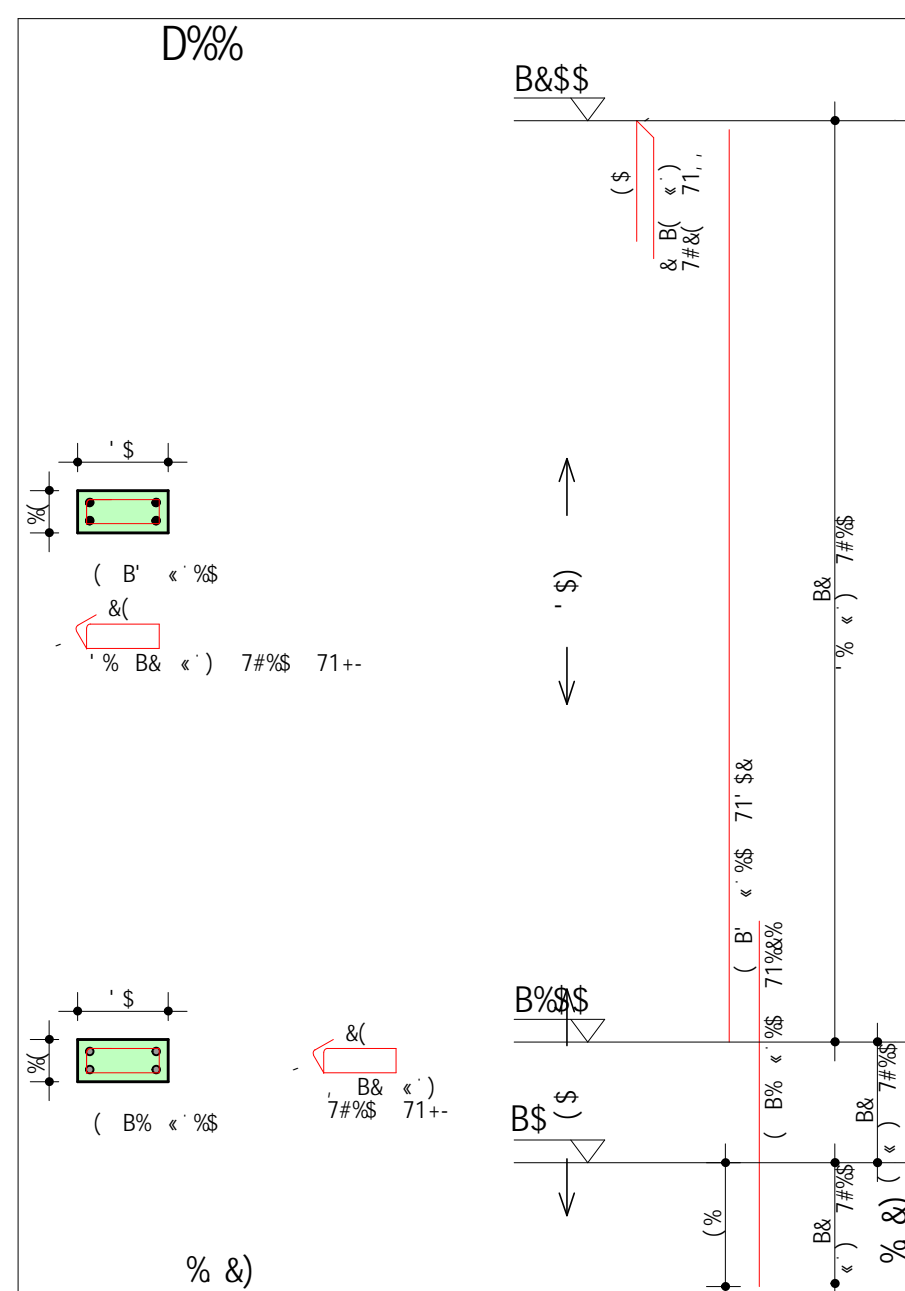
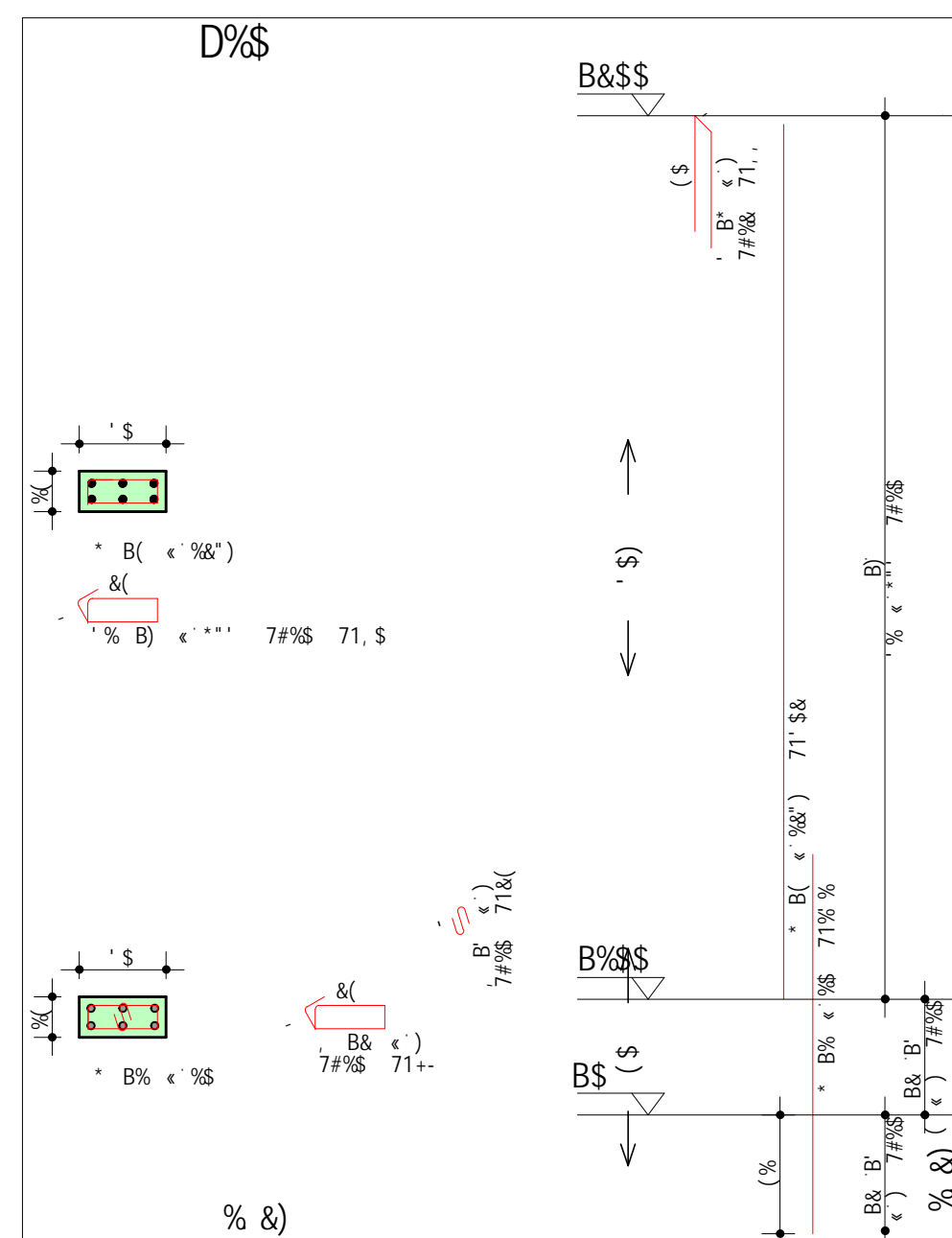






F9GI AC 89 5uC				
5uC	6-H	7CADF	D9GC	
	aa	a	Z	
.....\$5	.....)	.....\$(	.....(+	
.....\$5	.....%5	.....%)	.....%5	
.....\$5	.....%6)	.....%(	.....%6	
.....\$5	.....%7	.....%8)	.....%7	
D9gc HchU	.....\$5 1	.....8)	.....(+  Z	
D9gc HchU	.....\$5 1		.....8%)  Z	

75F57H9F=GH+75G 85C: @A5G 7@5CG9. BCA9. D=BI G	75F57H9F=GH+75G 8C 7CB7F9HC. : 7?: &) ' ADU F9G=GH@B7=5 5G& & 8=5G AeBI @C 5G& & 8=5G	&, ' ; DU
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# Renata Zanardo

ARQUITETURA

5j " 7Y " " 5bcbj bc 8S(8d G0 \$8 ! J) U @ W bXU  
 7Uad: - fUbuYAG  
 H" " 0+ " " )8 6S(8 p - -8) 8 " (8  
 Wcbhbc4fYbuhubufXc" Wca

Hi h i . c.

DFC>9HC' 9GHFI HI F5@ ! ' 89H5@<5A9BHC' ! ' HF9' BCJ5' 5B8F58=B5

Hj dc.  
 9L97l H=JC

7cbhY+Xc.  
 D%# # D&# # D' # # D( ' # # D)  
 D" # # D+ # # D, # # D- # # D\$  
 D%# # D%& # # D%

@cVU' .  
 FI 5 K5@H9F' <l 657<9F' %() - 4BCJ5 5B8F58=B5+AG

Drcdf[]Yhfc[]c.

Gj Hi U, -c.

Hf[]Vi bu' fY[]cBu' 9' Y]hcfU' !' AG

Si hcfU' Xc' dfc^Yhc.

FYbUNU NUbUcXc: 5f@[]hYhI fU @H5 ! 75l . ' . ' )+! &  
 FYdcgbg[]Y' hFvB[]Wc: dY' U YadfYgu.  
 FYbUNU NUbUcXc ! 75l . . 6% (1+ 7D . . ) % ^ . , \$ " 9" (

FYdcgbg[]Y' = hFvB[]Wc: dY' U YI YW . -c Xc' cVfU.

afYUg

7ccfX' 9b[" 8]c[c 7Uadcg Xcg 5b^cg  
 7F95 . AG %8\$%  
 7D . ' \$ ^ ( ' ^ ) - ! %&

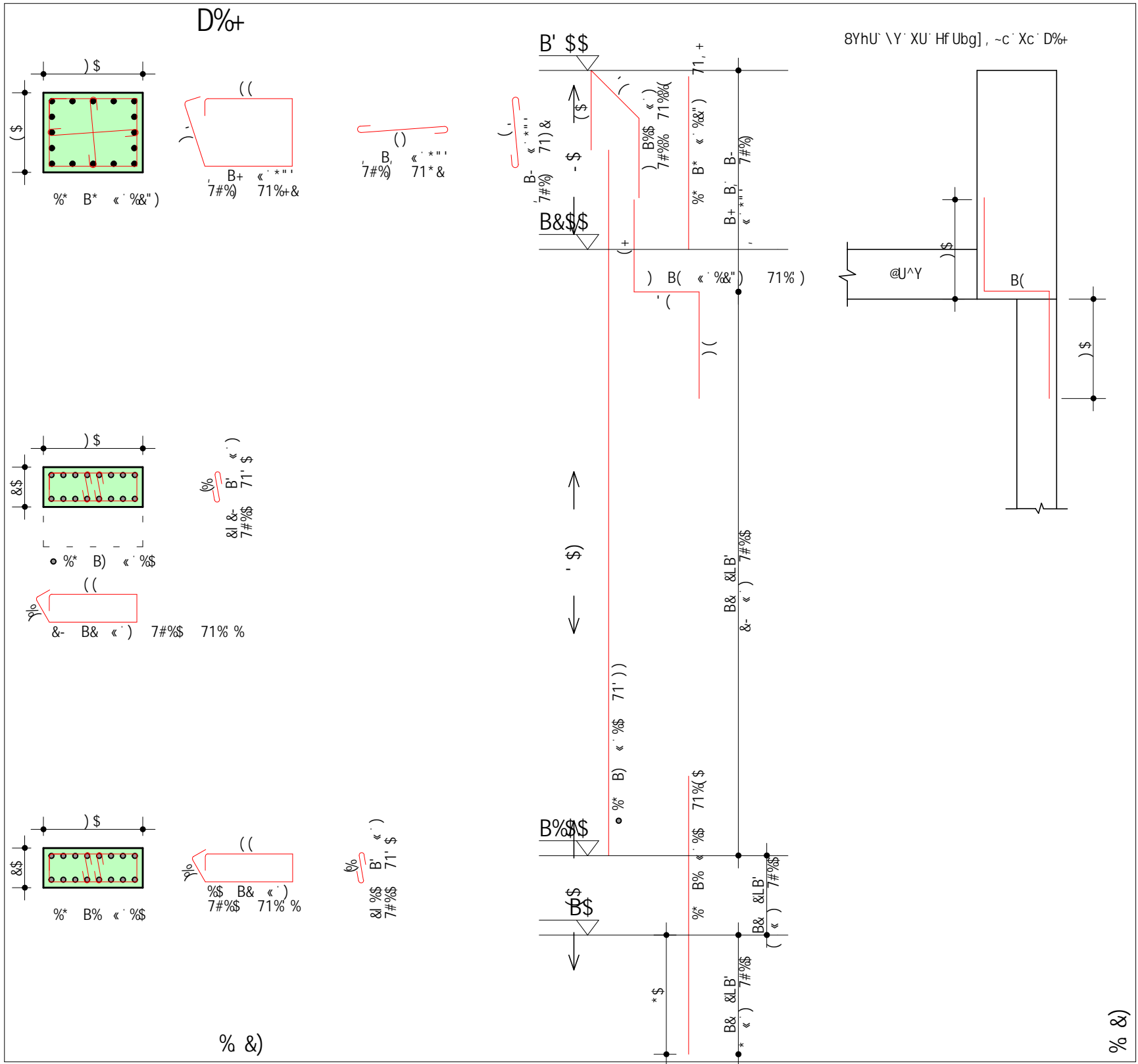
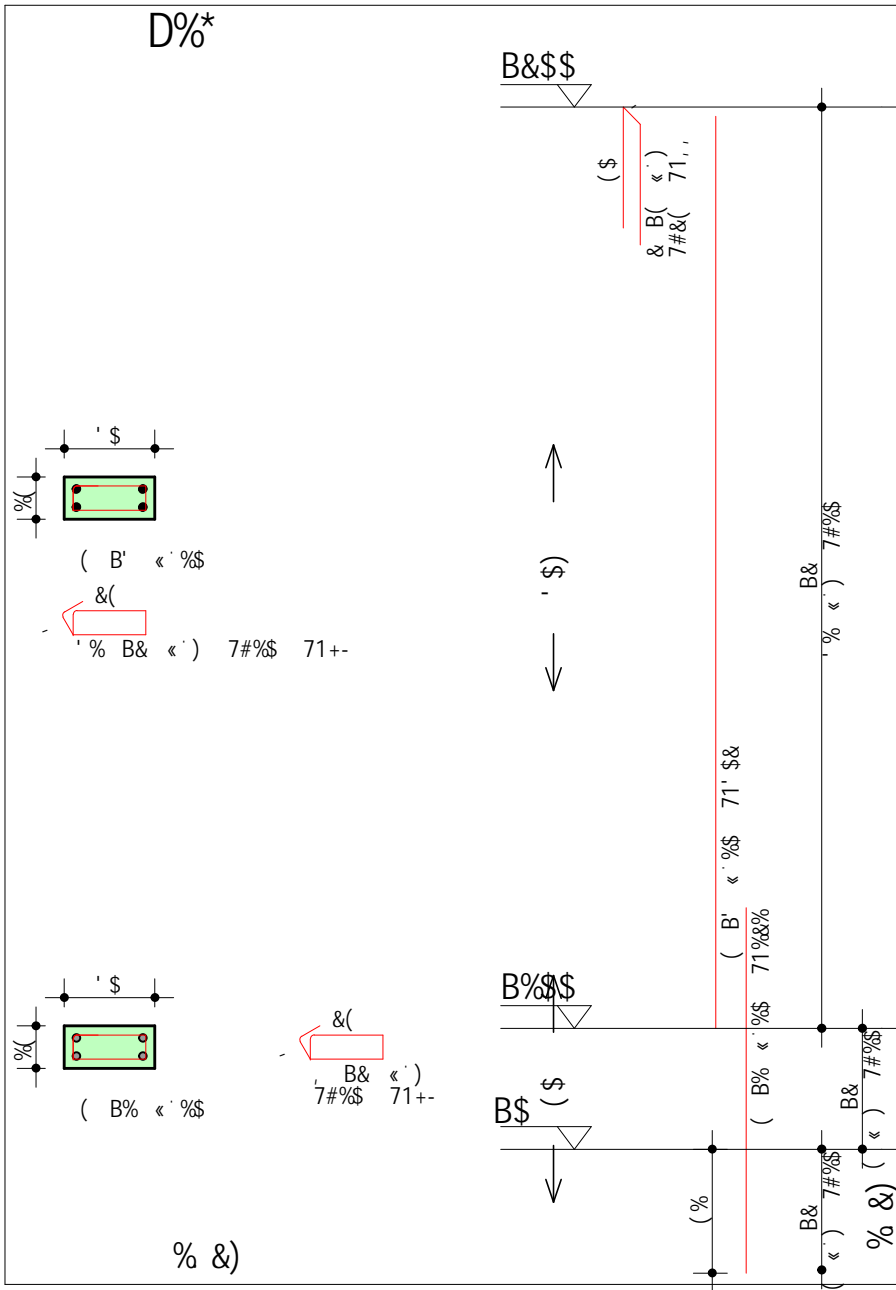
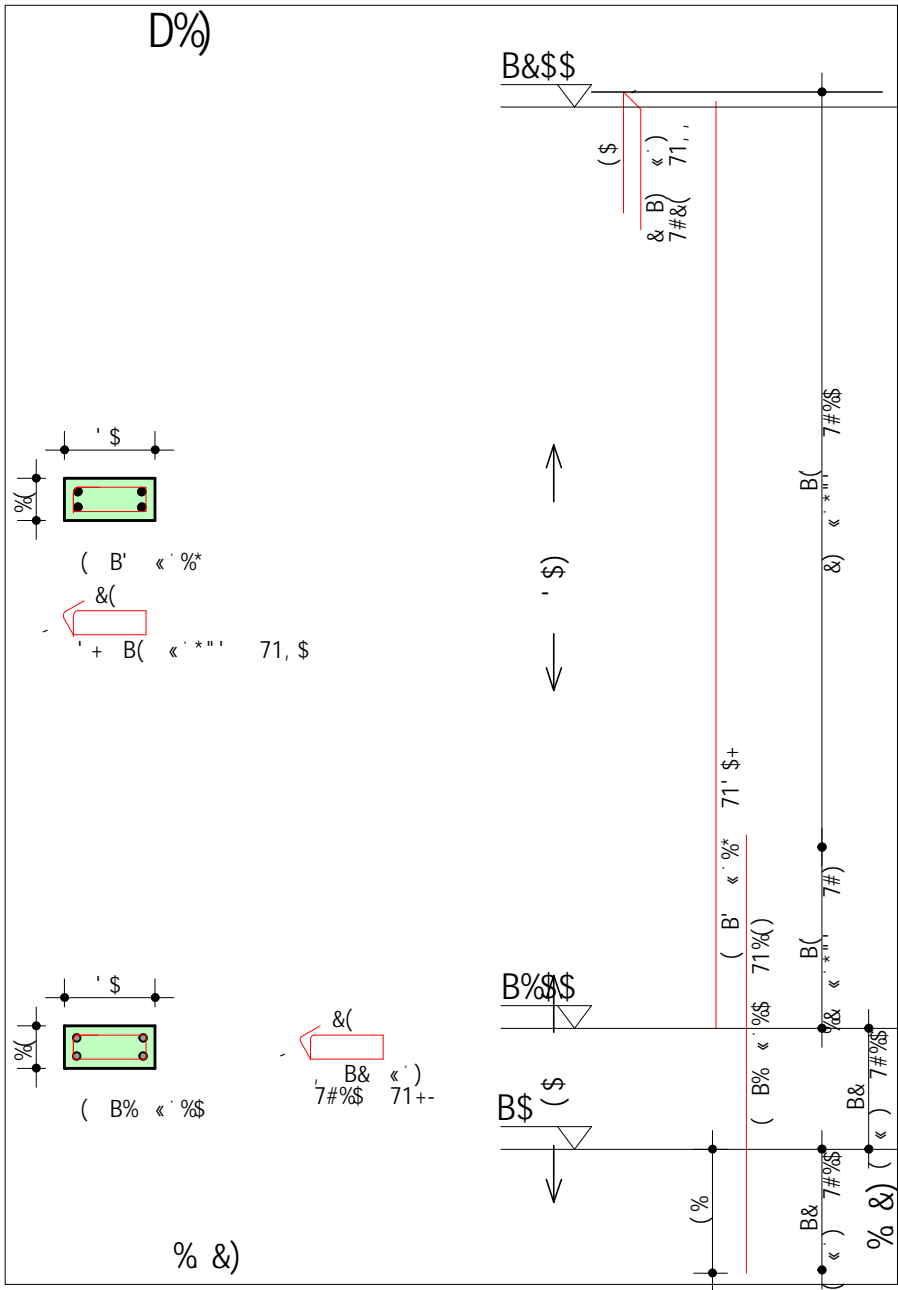
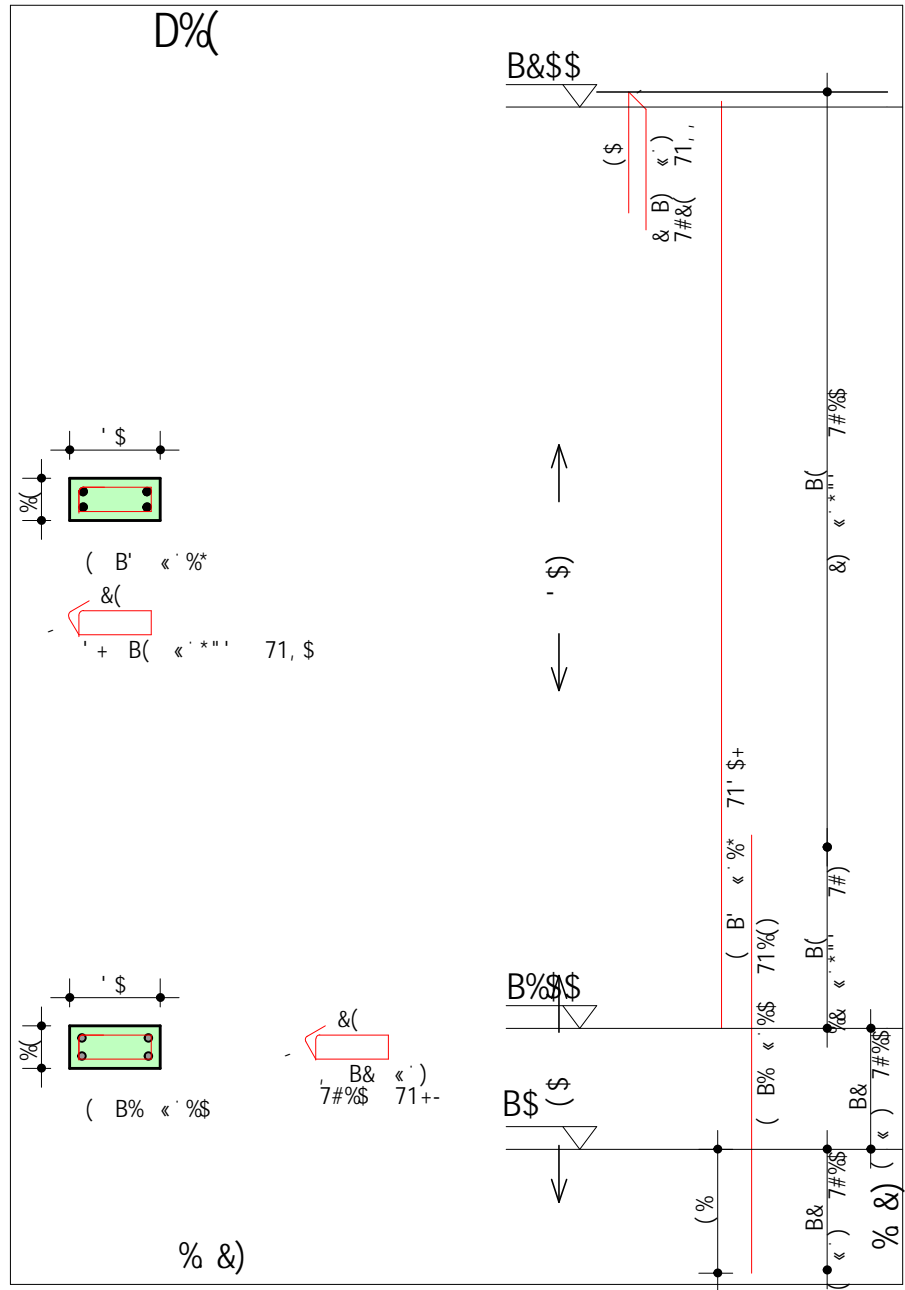
afYU' U gYf' Wbghfi iXU hYffYc: !' 8%(2 \$' a  
 afYU' U fYZcfaUf !' +, 2&' a  
 afYU' dYfaZyzY' !' ++2) . a  
 HUI U XY cWduU -c !' &6Z- !  
 abXjW' XY' udfc[]Y]hUaYbhc !' \$2&  
 afYU' hchU' Xc: chY !% \$S2\$S' a

9gWU' U.  
 % 8)

8UHu.  
 % # \$ \* # & \$ &

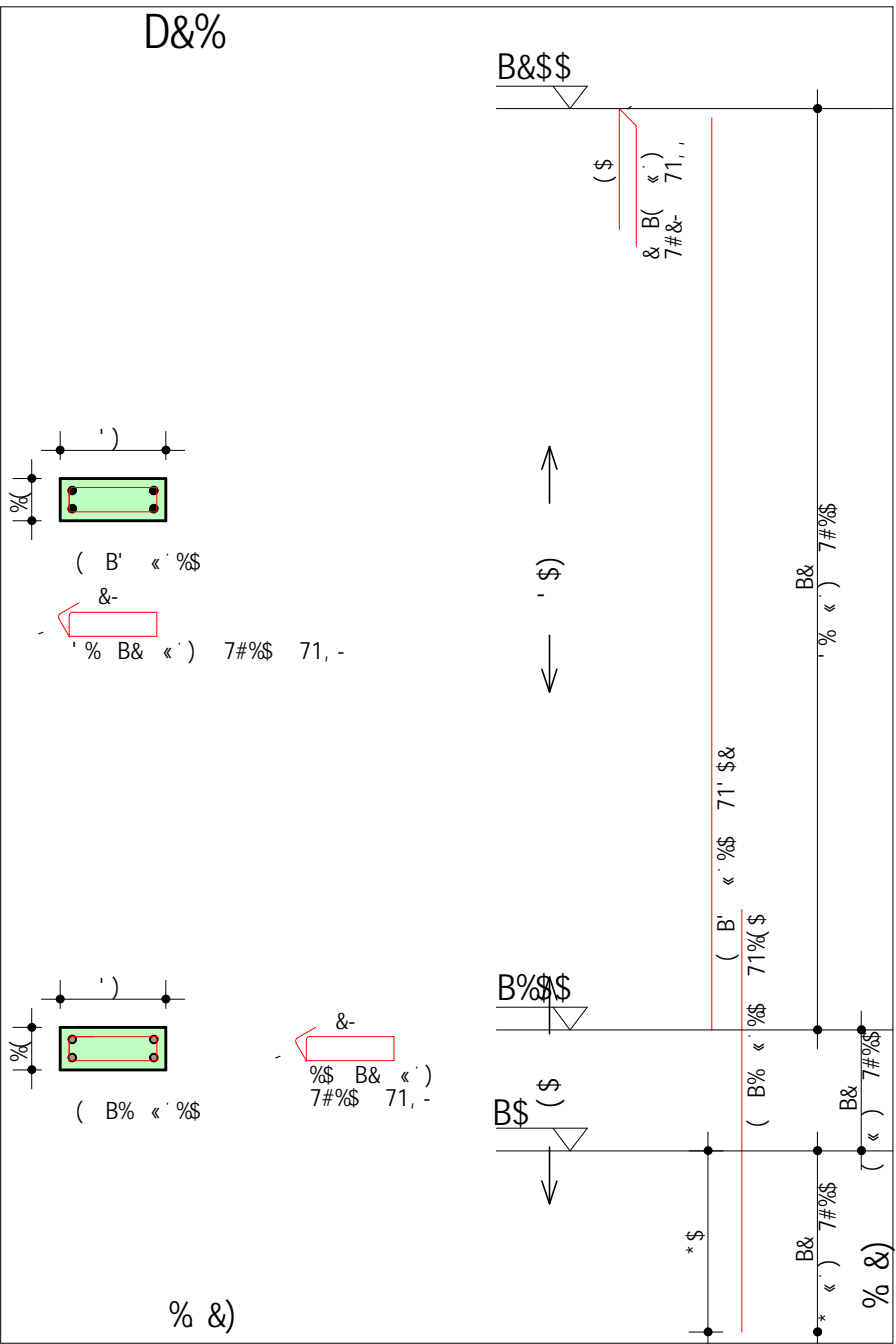
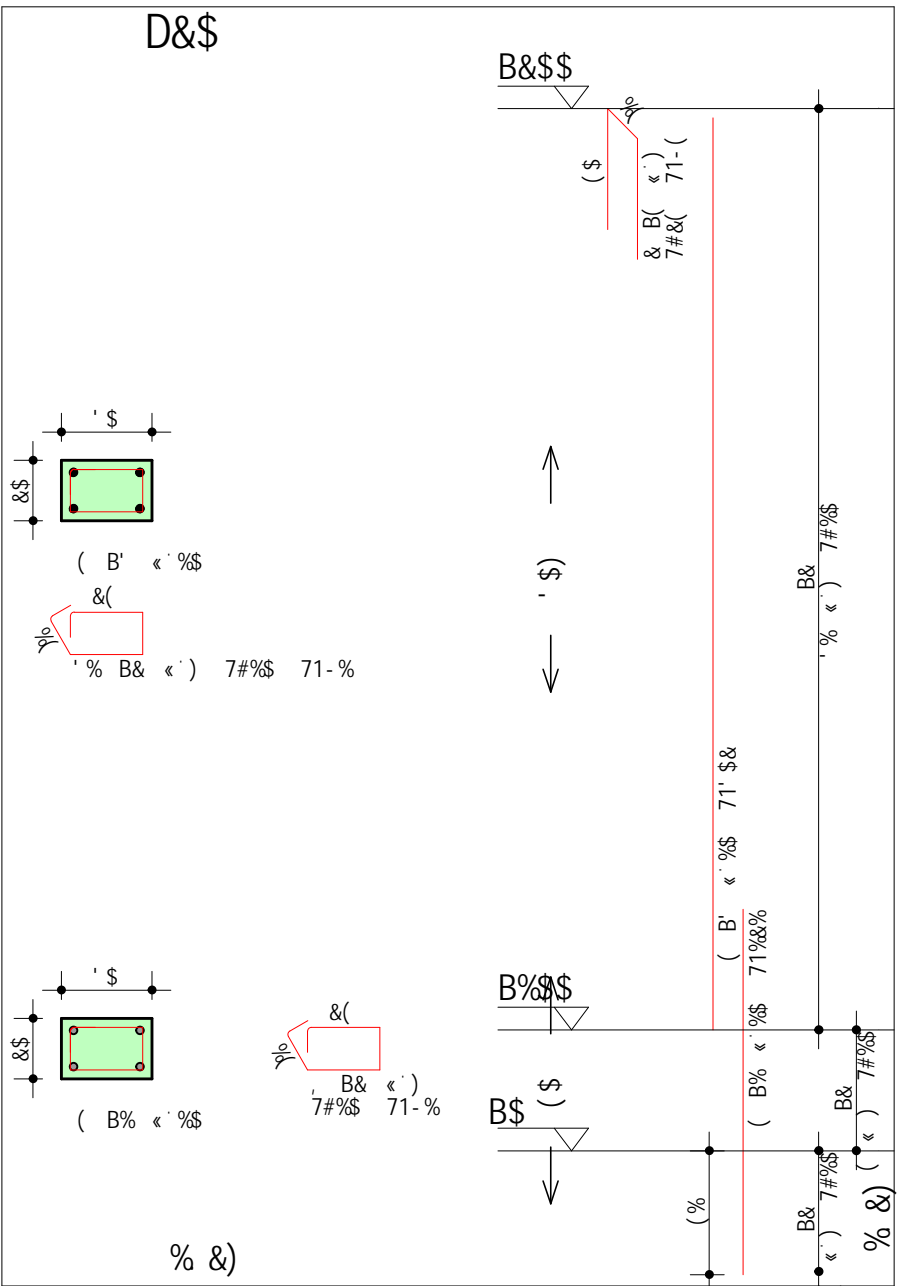
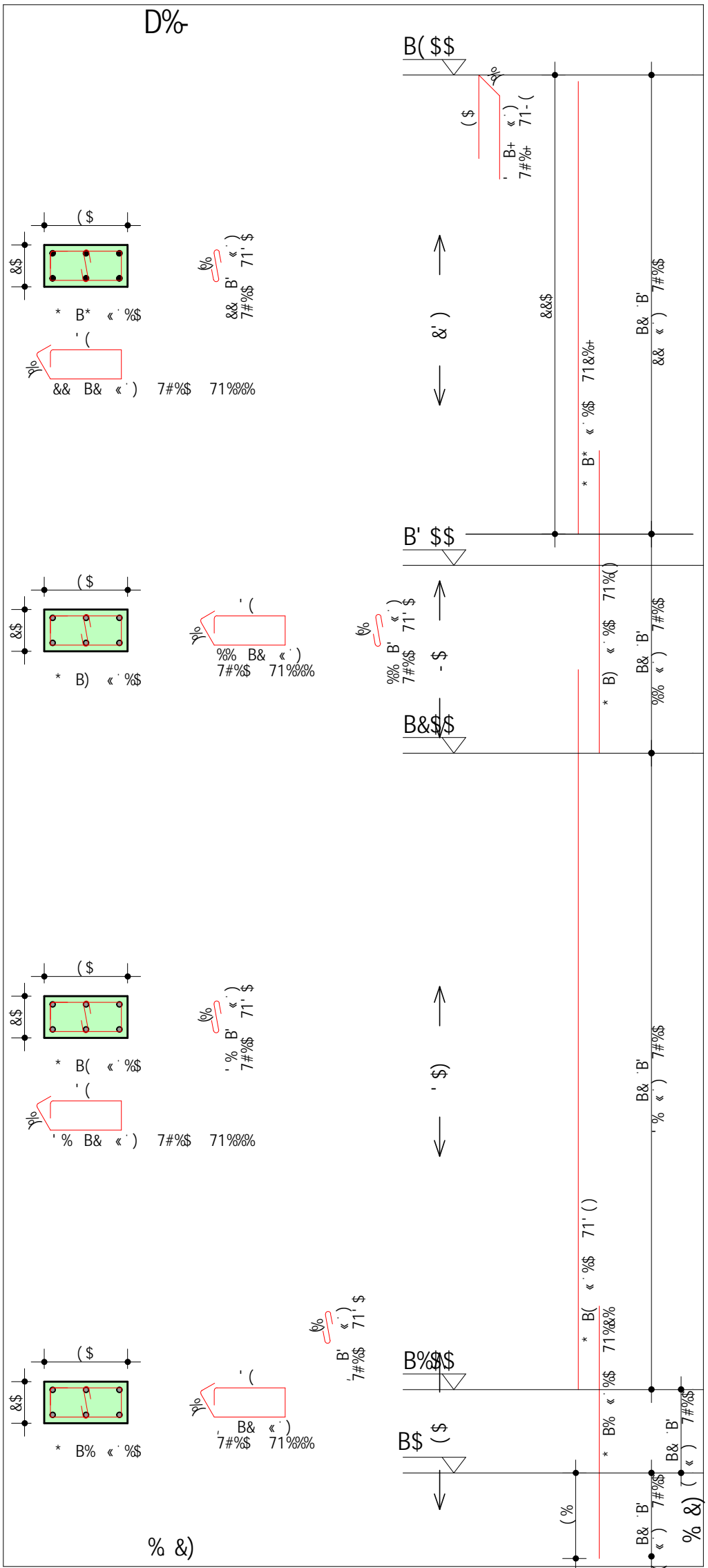
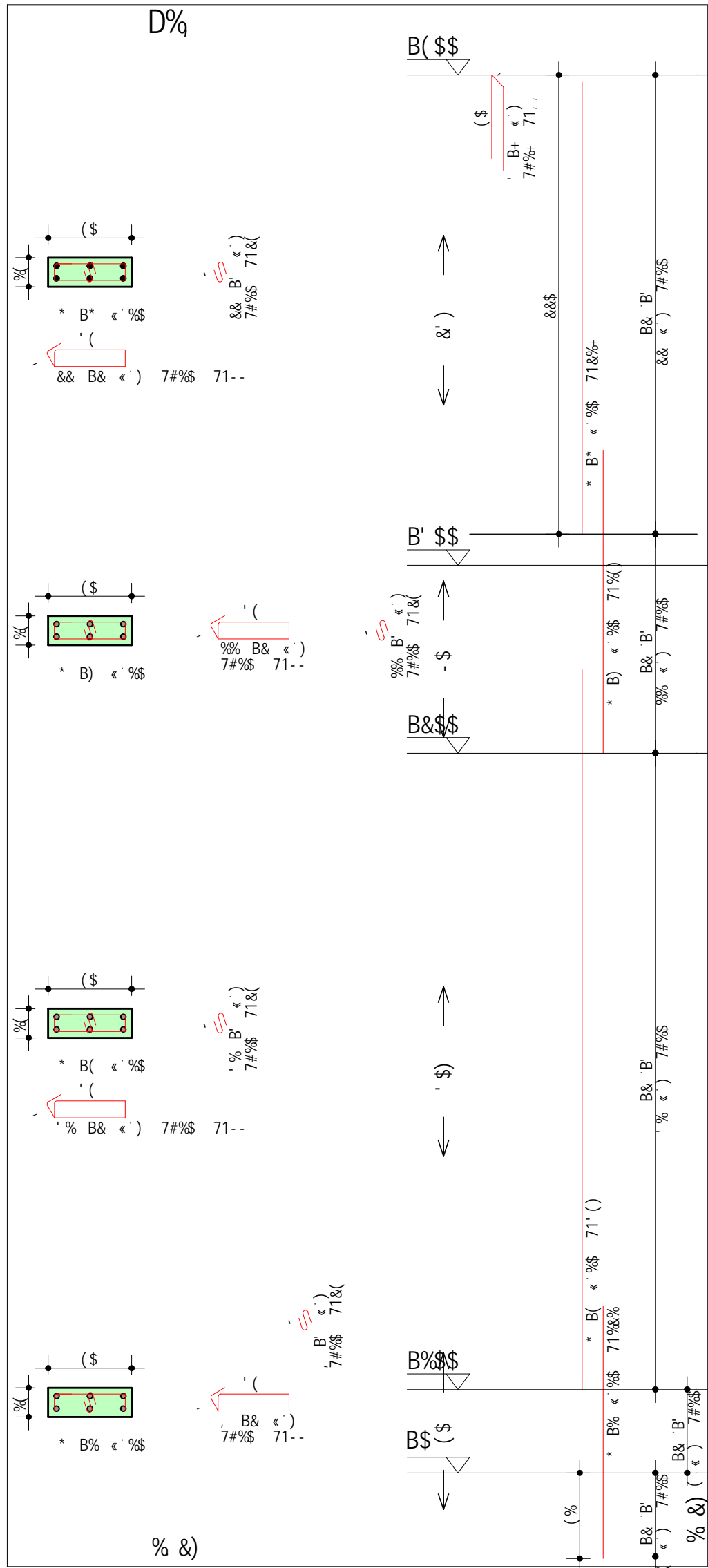
DfUdWU.  
 \$ \$ \*

5dfc[] U, -c



5uC	DCG	6=H	E1 5BH	7CADF=A9BHC	1 B=H	HCH5@
		aa		Va		Va
D%						
D%						
D%						
D%+						
D%						
D%						
D&S						
D&S						

5uC	6=H	7CADF	D9GC
	aa	a	_ Z



75F57H9F=GH+75G 85G CFA5G	75F57H9F=GH+75G 8C 7CB7F9HC
7#5GG9	77
BCA9	
7&\$	&) ' ADU &, ' ; DU
D=BI G	F9G-GH87=5 5CG &, B=5G

Renata Zanardo ARQUITETURA

75F57H9F=GH+75G 85G CFA5G

75F57H9F=GH+75G 8C 7CB7F9HC

77

7&\$

&) ' ADU &, ' ; DU

F9G-GH87=5 5CG &, B=5G

Hthi 'c.

DFC>9HC 9GHFI HI F5@ ! ' 89H5<5A9BHC ! ' HF'9 BCJ 5' 5B8F58=B5

Hj dc.

9L97I H=JC

@cWU .

FI 5' K5@HF' <1 657<9F' Y%(-).4BCJ 5' 5B8F58=B5AG

Gj hi U. -c.

Hf [Vi buU ' FY[] cbU ' 9' Y] hcf U' ! ' AG

Si hcf U: Xc: drc^Yhc.

FYbuhU NubUxKc: 5f ei [yhni fu @#5 ! 75i . . .) +! &

Fygdcbgzj Y' hYVb] Wc: dY U YedYfgU

FYbuhU NubUxKc ! 75i . ( 8& (1+ 7D . .) '9+ ' . \$'9+ ' (

FYgdcbgzj Y' hYVb] Wc: dY U YI YW, -c XU cYfU.

afYUg.

afYU U gYf Wcbghfi tXU hYffYc ! 8% (2, \$ a

afYU U FYZcfaUf ! ' +, 2& a

afYU dYfayZj Y' ! ' ++2) , a

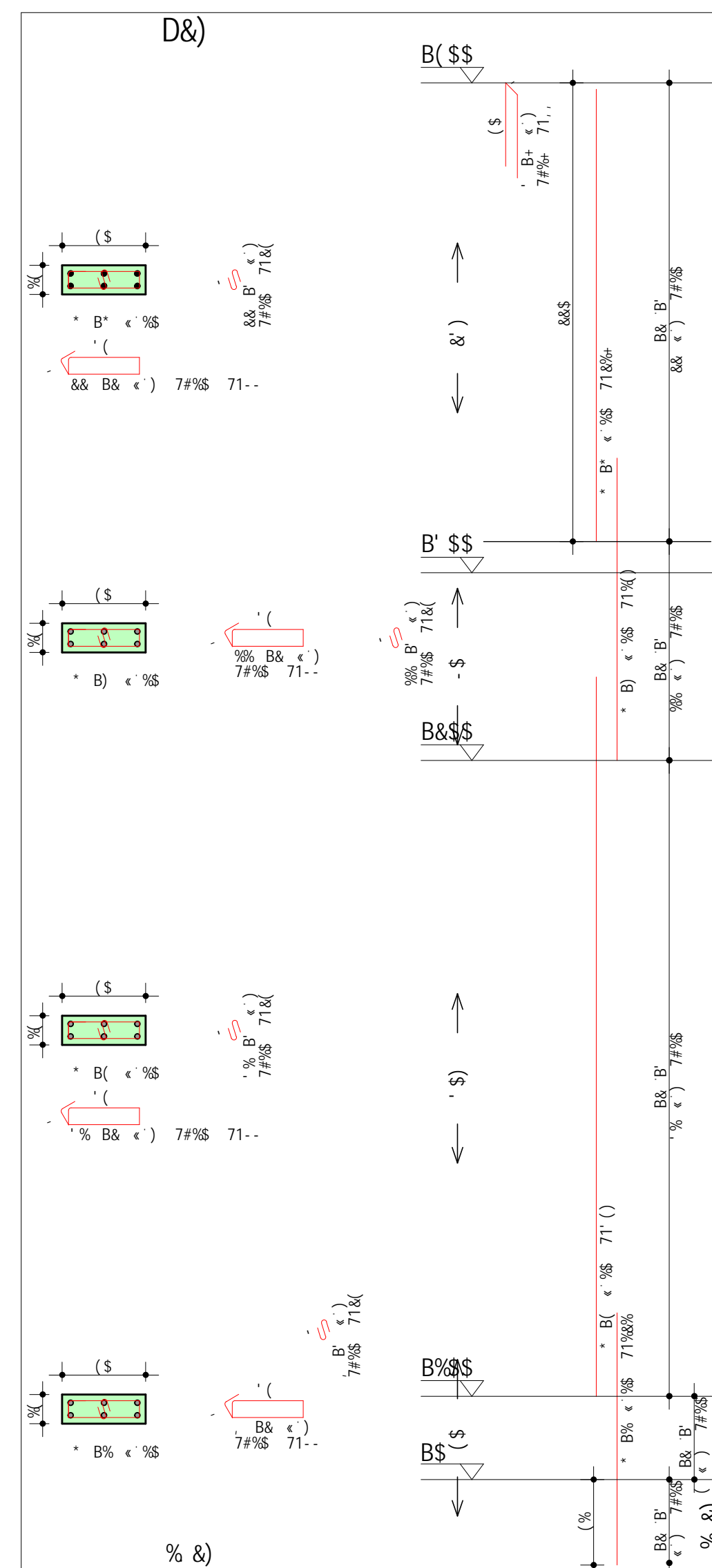
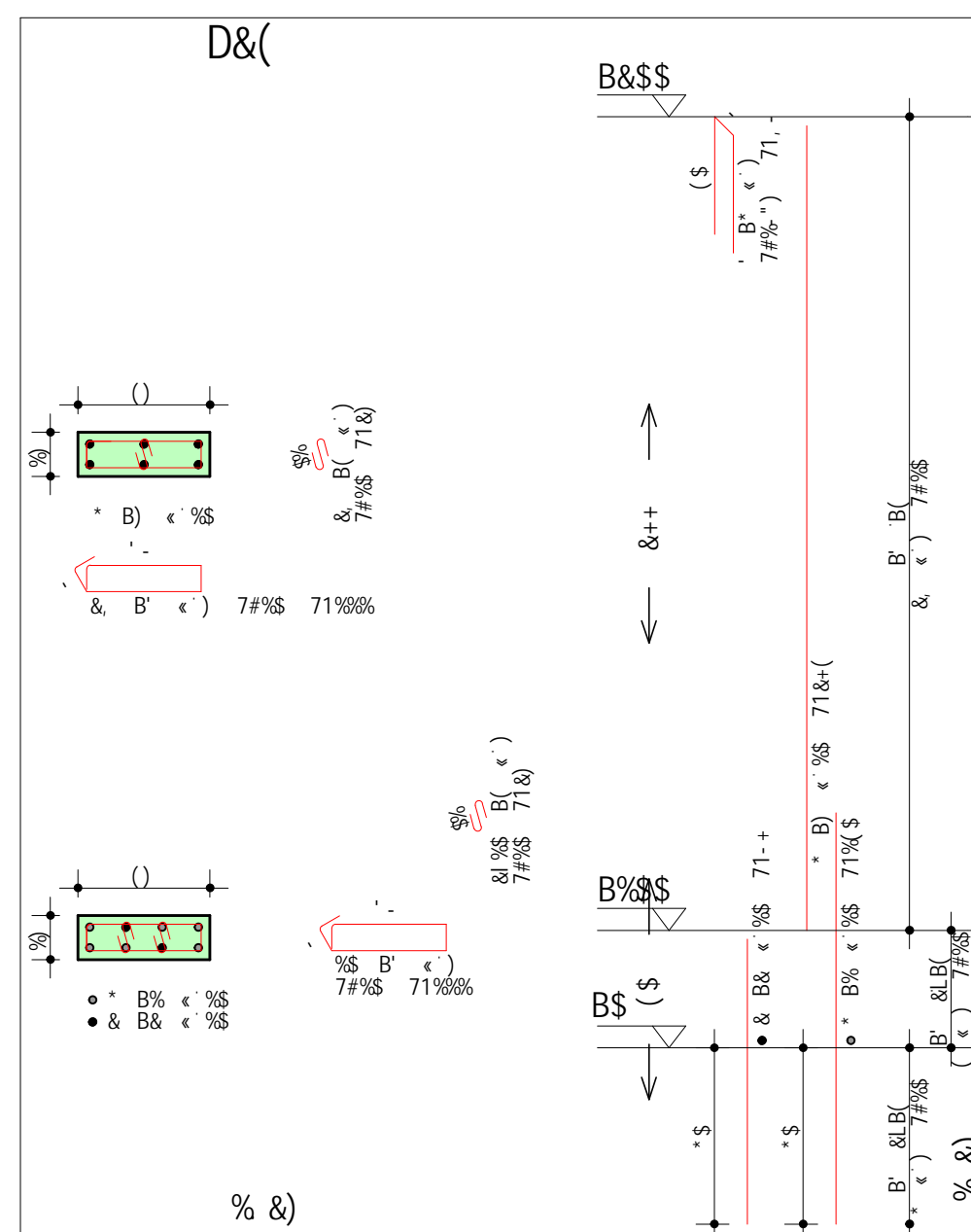
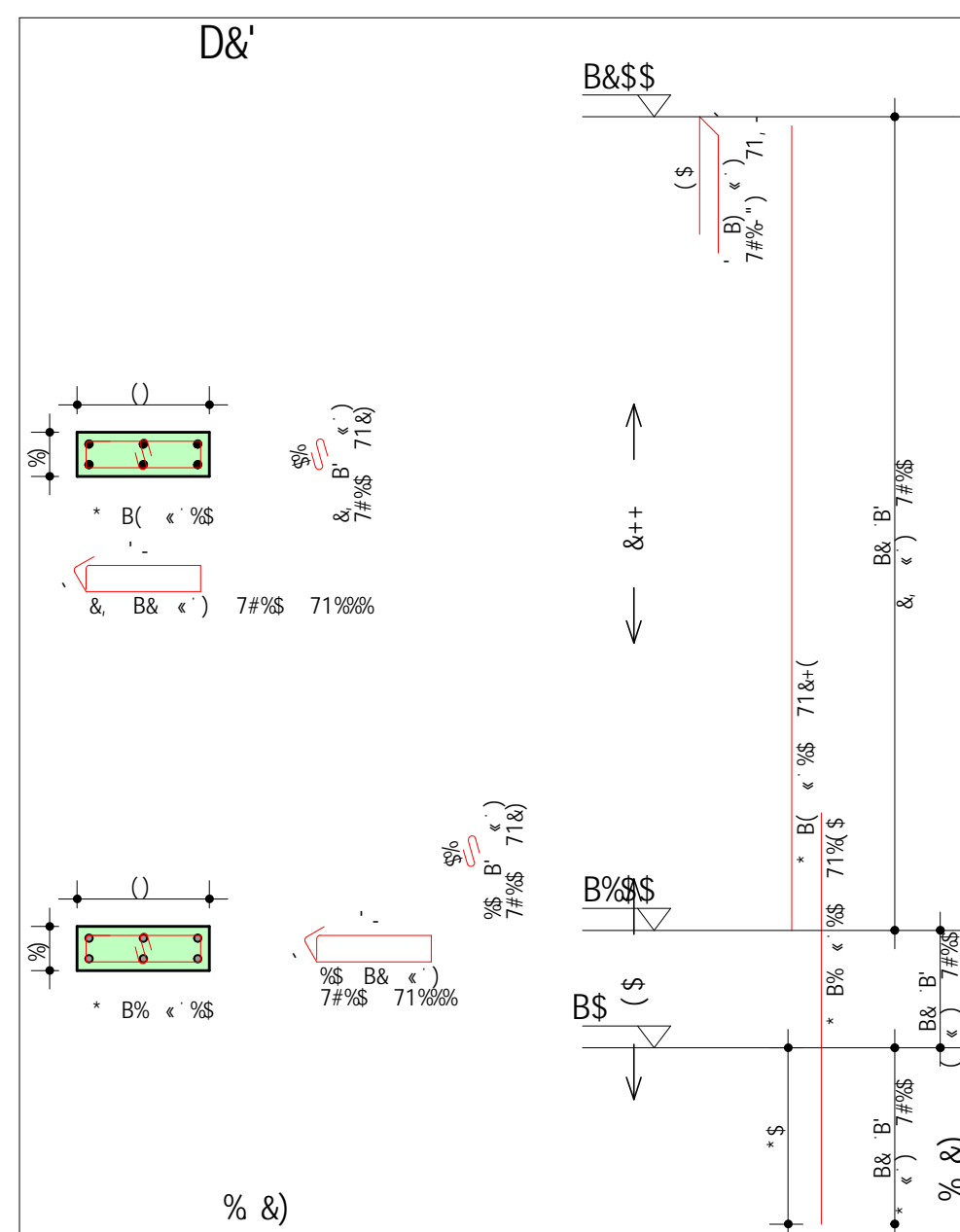
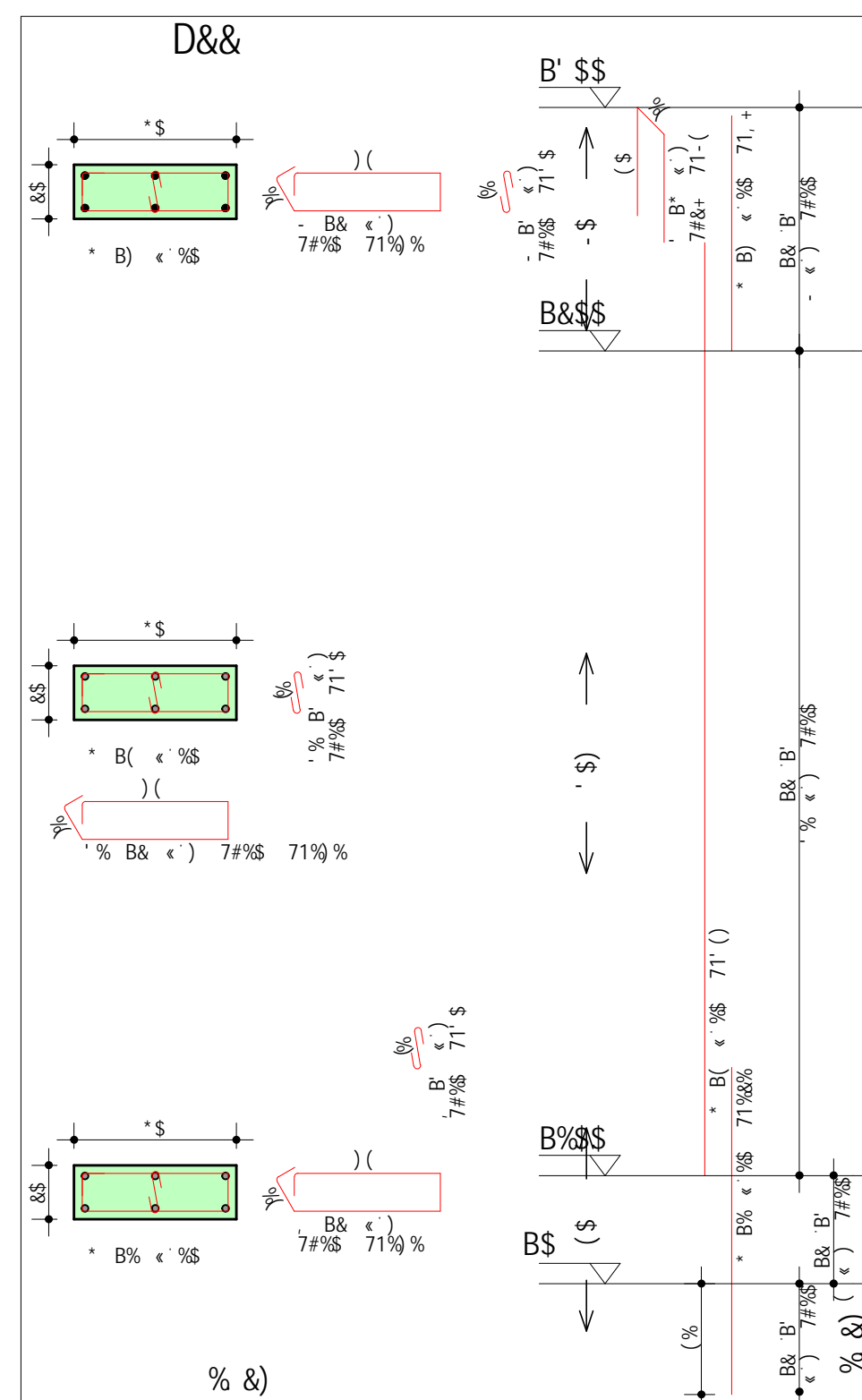
HU U XY cWdu -c ! ' 8& . +

abX] W' XY' Udfc] Y] hUaYhbc ! ' \$2&&

afYU hcfU ' Xc' : chY ! % \$2\$ \$ \$ a

5dfcj U. -c





	5uC	DCG	6-H	E1 5BH	7CADE+ 1 B-H	A9BHC V <sub>H</sub>	HCH5@ V <sub>H</sub>
D&&		aa					
	)) \$	%	%S	+	%6%	+&*	
	)) \$	&	)	(	%9 %	+&((	
	)) \$	(	%S	)	%8 %	%(( \$	
	)) \$	)	)		+	) &&	
	)) \$	+				& &	
D&'							
	)) \$	%	%S	+	%4 %	(\$	
	)) \$	%	)		%80%	(& %	
	)) \$	(	%S	)	)-	\$	
	)) \$	(	%S	+	%9 (	% (	
	)) \$	)				&*	
D&('							
	)) \$	%	%S		%4 %	(\$	
	)) \$	&	)	&	+	%& %	
	)) \$	(	%S	)	%80%	(& %	
	)) \$	)	)	&	%6\$ \$	%& \$ \$	
	)) \$	-	%S	+	&+	% ( (	
	)) \$	+				&*	
D&('							
	)) \$	%	%S	+	%6%	+&*	
	)) \$	&	)	+&	+&	+&*	
	)) \$	(	%S	+&	& &	%& \$	
	)) \$	)	)	(	0.5 + \$		
	)) \$	)	%S	+	% (	+ \$	
	)) \$	+	%S	+	%9+	% \$ \$	
	)) \$	+				&*	
D&+							
	)) \$	%	%&*	%	% %	%S (	
	)) \$	&	)	(	\$	&+& \$	
	)) \$	(	%&*1		&+	%& -	
	)) \$	)				) &	
D&.							
	)) \$	%	%S	%S	%6%	%& %S	
	)) \$	&	)	+	&	& (	
	)) \$	(	%S	+	% (	% (	
	)) \$	)	%S	%S	&+	&+*	
	)) \$	+				(( \$	
D&-							
	)) \$	%	%S	+	%S (	%S (	
	)) \$	&	)	%9 %	%9 %	%& \$	
	)) \$	(	%&*	+	%	(\$	
	)) \$	+	+	&+	%9 &	%S (	
	)) \$	+	+	(	+	%& &	
	)) \$	+				+	
D' \$%							
	)) \$	%	%S	(	&+*	+	
	)) \$	&	%S		+	\$	
	)) \$	(	)	&+	+	& %	
	)) \$	-		&			

F9G1 AC' 89 5uC			
5uC	6-H	7CADf	D9GC
.....\$5	aa	.....%	....._I_Z
.....\$5		.....%	.....&%
.....\$5	%%	.....%	.....%%&%
.....\$5	%%&	.....(	.....*%
D9gc HchU	*\$ 5.1		....._I_Z
D9gc HchU	\$5.1		&\$& I_Z

75F57H9F, GH, 75G, 85G, CFA5G

7@5GG9

RCA9

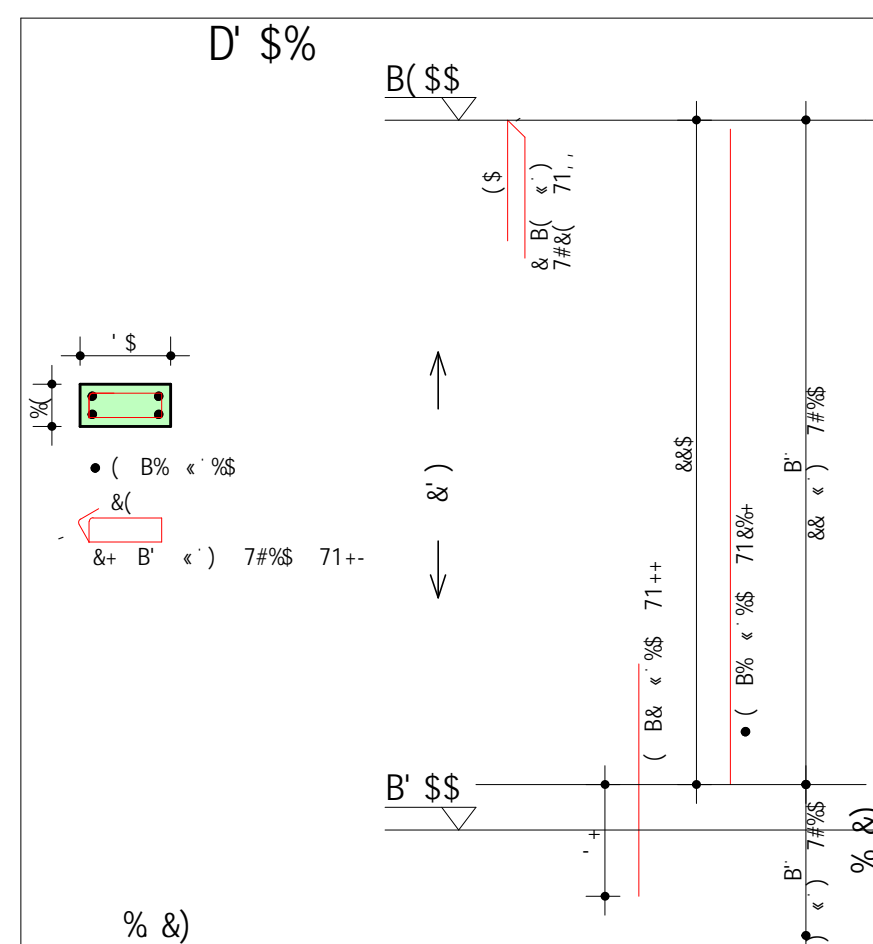
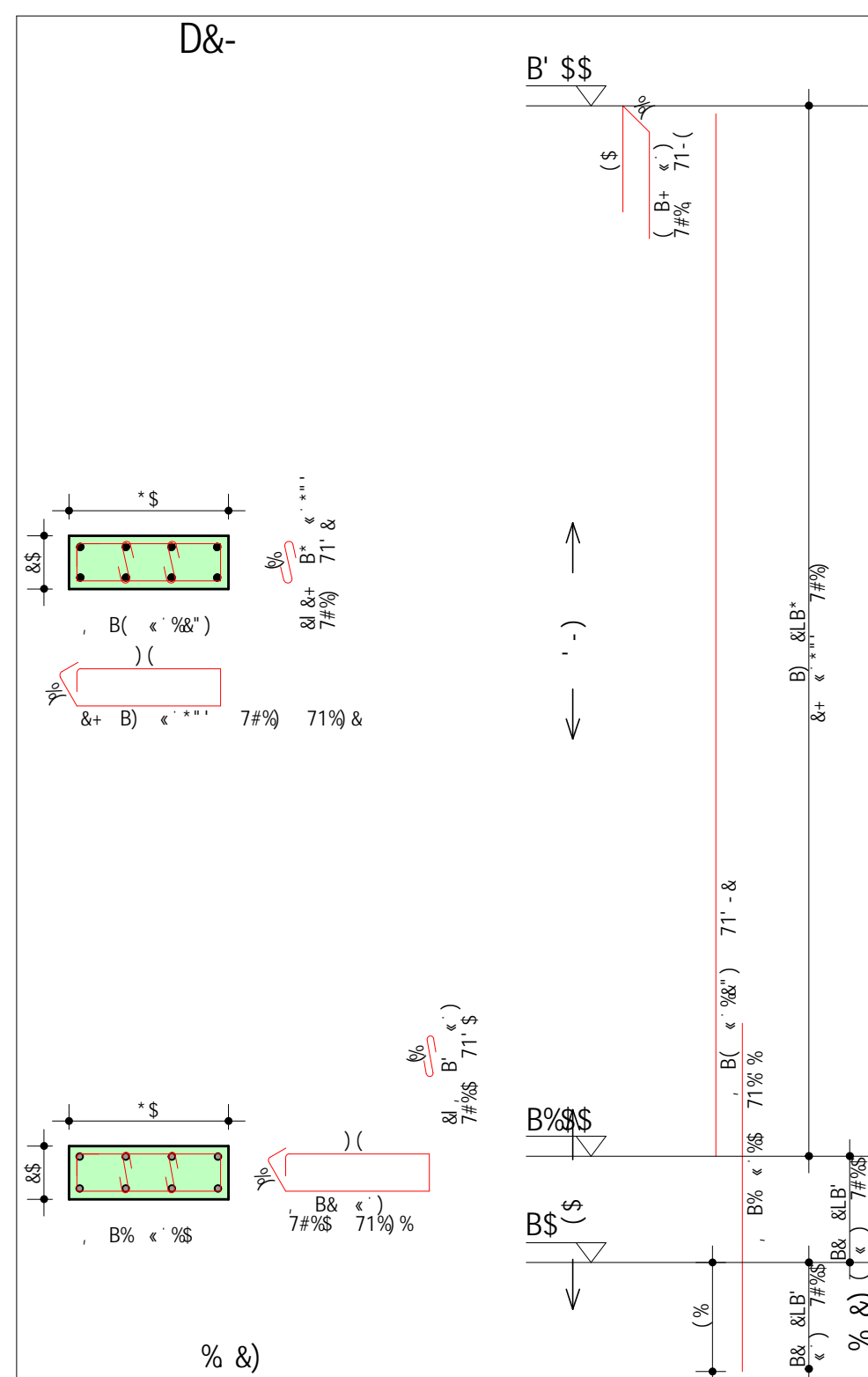
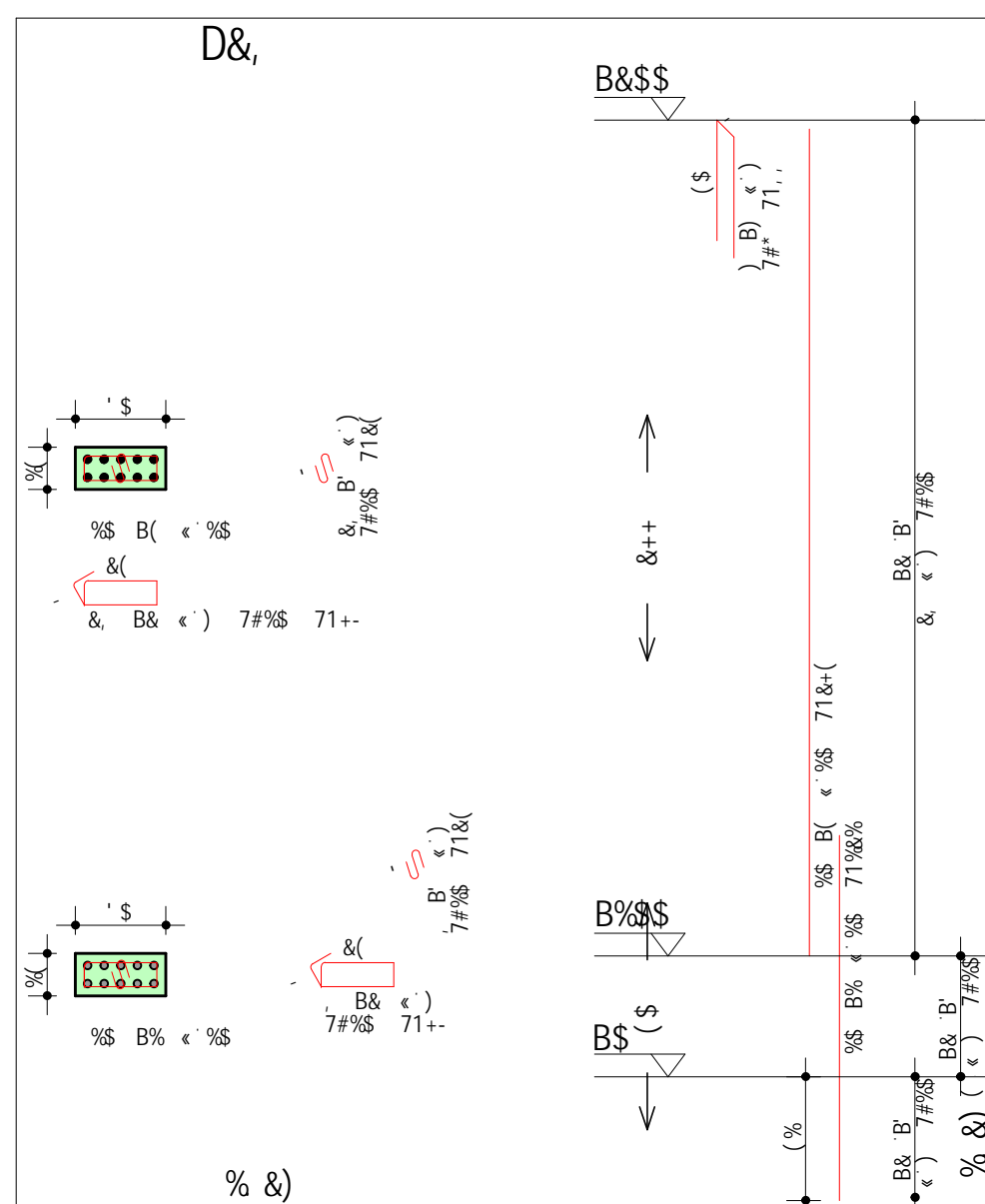
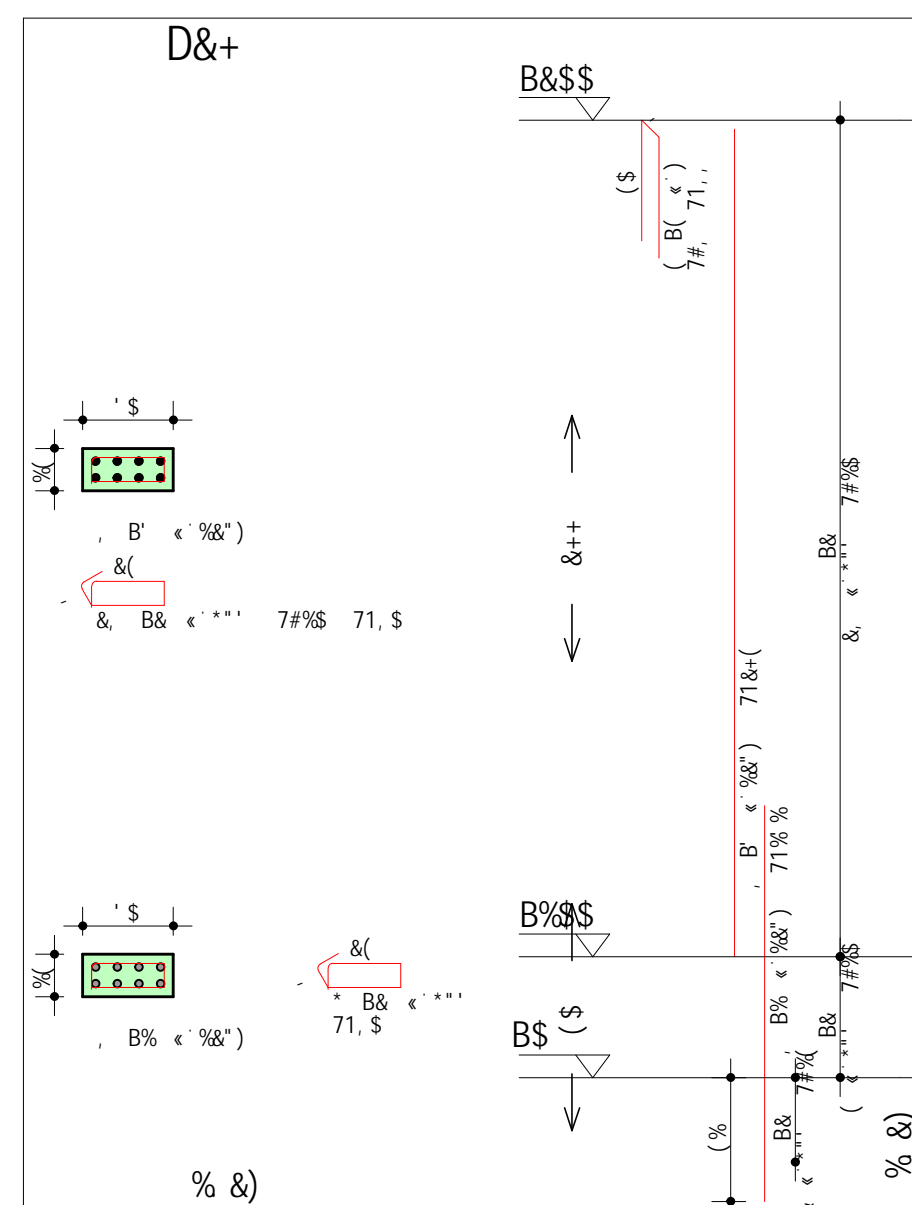
7&\$  
D=BI G


75F 57H 9F GH 75G 8C 7CB 7E 9HC

[illegible]

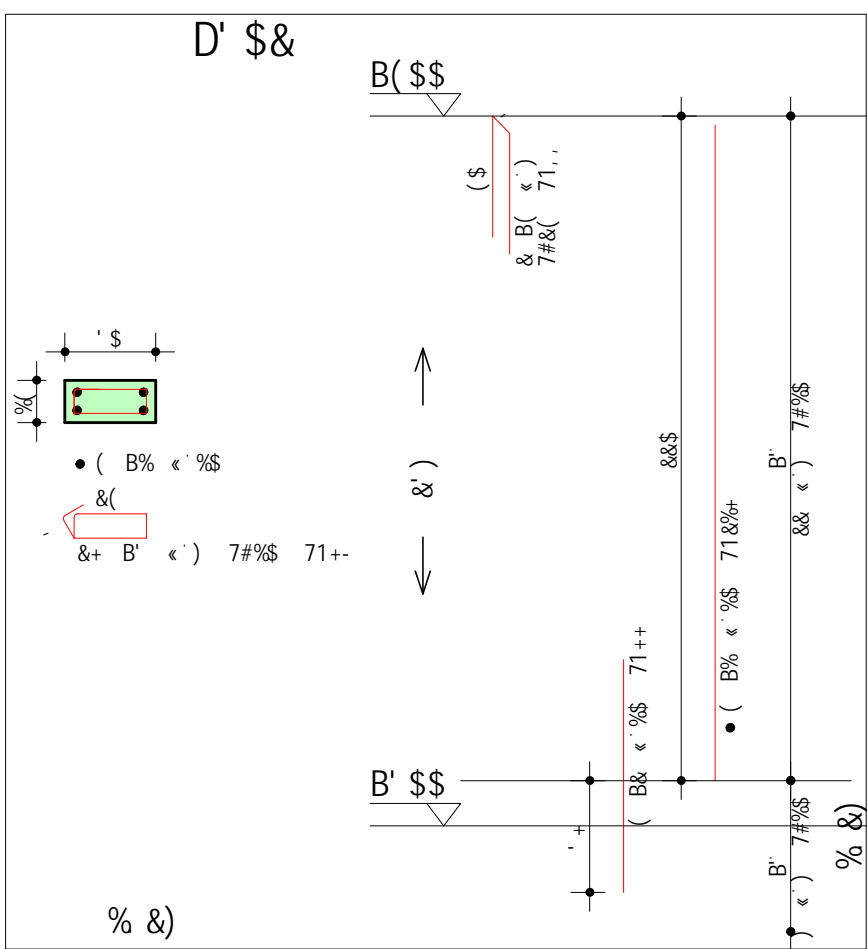
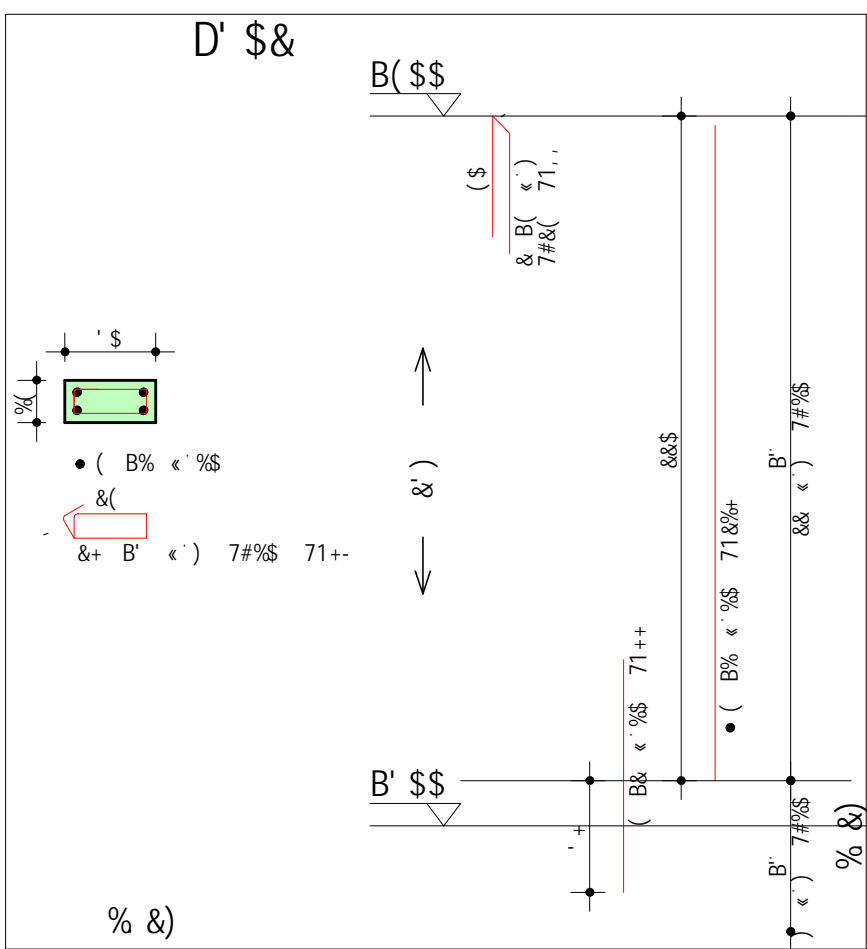
&) ' ADU

& ; DU  
A&I ©C 5CG & ; 8=5G

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		<p>5j " 7Y " 5bhcj bc &amp;S( &amp; G6 S&amp; I J] ' U @ WbXU  7UadC : fUB0YFAG  Hr "R"st."')9&amp;S(&amp; p - - &amp;) &amp; "(&amp;  WebbUhc4fYbUhuUbuU Xc" Wca</p>				
<p>Hhi " c.</p> <p>DfC&gt;9HC' 9GHFI HI F5@ ! ' 89H5@&lt;5A9BHC' ! ' HF9' BCJ5' 5B8F5B=8B5</p>						
<p>Hj dc.</p> <p>9L97I H=JC</p>		<p>7cbhY* Xc.  D&amp;&amp; # ' D&amp;' # ' D&amp;(' # ' D&amp;)  D&amp;+ # ' D&amp;, # ' D&amp;- # ' D' \$%</p>				
<p>@cVU' .</p> <p>FI 5 K5@H9F' &lt;1 657&lt;9F' %(&amp;) -4BCJ5' 5B8F5B=8B5@AG</p>		<p>Dfcd[f]Yhzf]c.</p> <hr/> <p>Hf]Vi bU' FY[]cbU' '9 Y]hcfU' ' ! AG</p>				
<p>G]hi U. -c.</p>		<p>Si hcfU Xc' dfc"Yhc.</p> <hr/> <p>FYbUu NubU Xc' Sfe[]hhi fU @465 I 7SI. '...'I &amp;  FYgdcgbzj Y' hYVb] Wc' dy U YadfYgl  FYbUu NubU Xc' I 7SI. ' (&amp; (1 + 7D. ) *% +'. '\$'9' (</p> <hr/> <p>FYgdcgbzj Y' hYVb] Wc' dy U YI YW. -c XU cVfU.</p>				
<p>afYUg.</p> <p>afYU U gYf' Wcbghfi iXU hYffYc' I' &amp;8(2, S'a  afYU U fYZcfaUf ! " +, 2&amp; " a  afYU dYfaZvj Y' ! " ++*2) " a  HU U XY' cW dU. -c ! " &amp;62 + " a  &amp;bX]W' XY' udfcj Y] hUaYbhc ! " - S2&amp;&amp;  afYU hchU' Xc' -chY ! % \$S2\$S\$ a</p>		<p>7ccfX" 9@[" 8]c[" 7UadC Xcg 5b"cg  7F95. AG' 9b&amp;5%  7D. ' S' +(' ' ' ' ' ) -1%&amp;</p> <hr/> <table border="1"> <tr> <td>9gWU U. % &amp;)</td> <td>8UhU. % # \$* #&amp;\$&amp;'</td> <td>DfUbWU.U \$\$,</td> </tr> </table>		9gWU U. % &)	8UhU. % # \$* #&\$&'	DfUbWU.U \$\$,
9gWU U. % &)	8UhU. % # \$* #&\$&'	DfUbWU.U \$\$,				
<p>5dfcj U. -c</p>						





	5uC	DCG	6=H	E1 5BH	7CADF =A9BHC	I B=H	HCH5@
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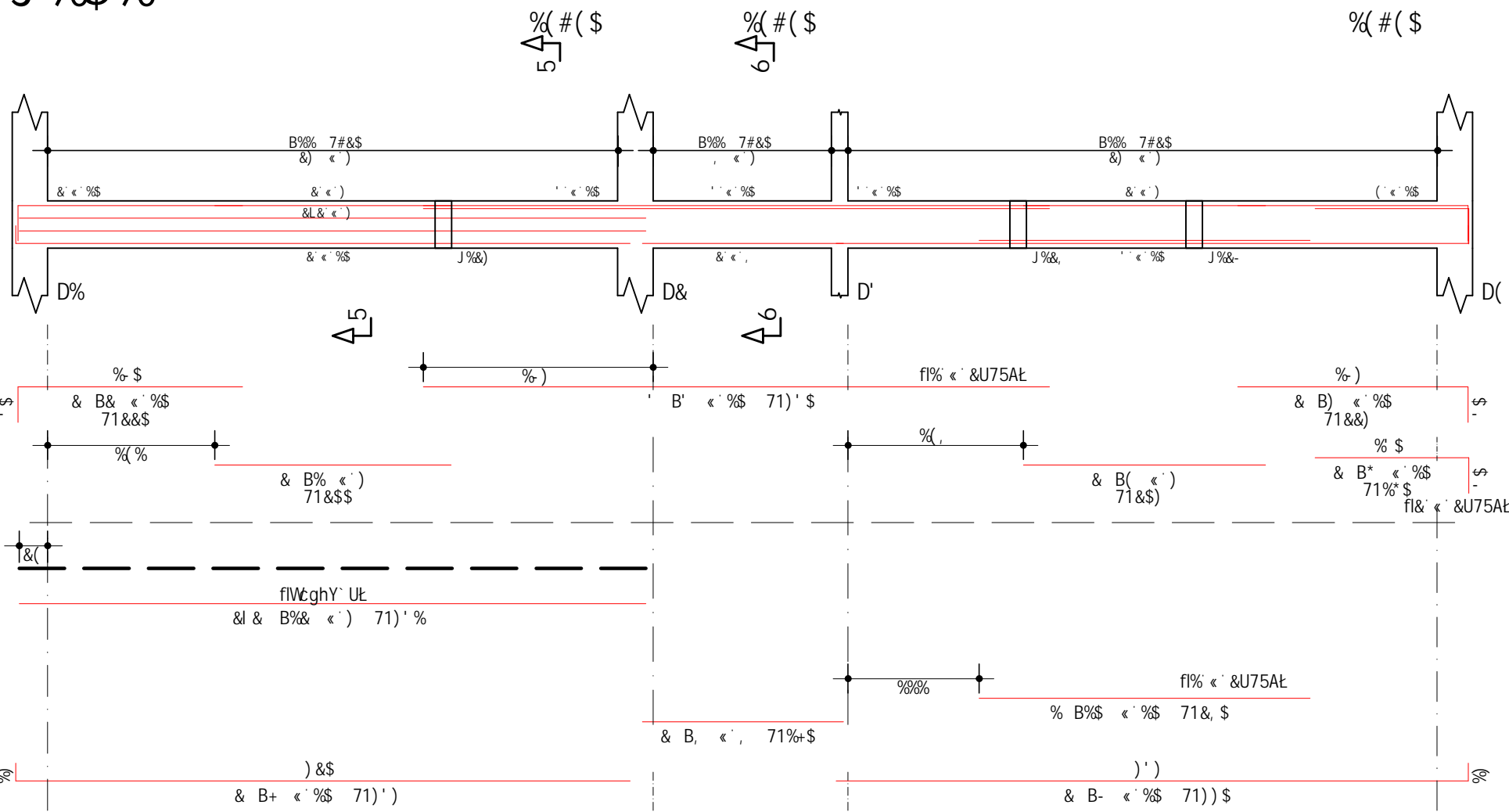
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DYgc' HchU'	*)\$5 1		& _IZ

75F57H9F-GH-75G-85G : CFA5G	75F57H9F-GH-75G-8C 7CB7F9HC
785GG9.	: 7?.
7&\$	&) ' ADU
D=BI G	&, ' ; DU
BCA9.	F9G-GH8B7=5 5CG & ' 8=5G
	AeBl @C 5CG & ' 8=5G

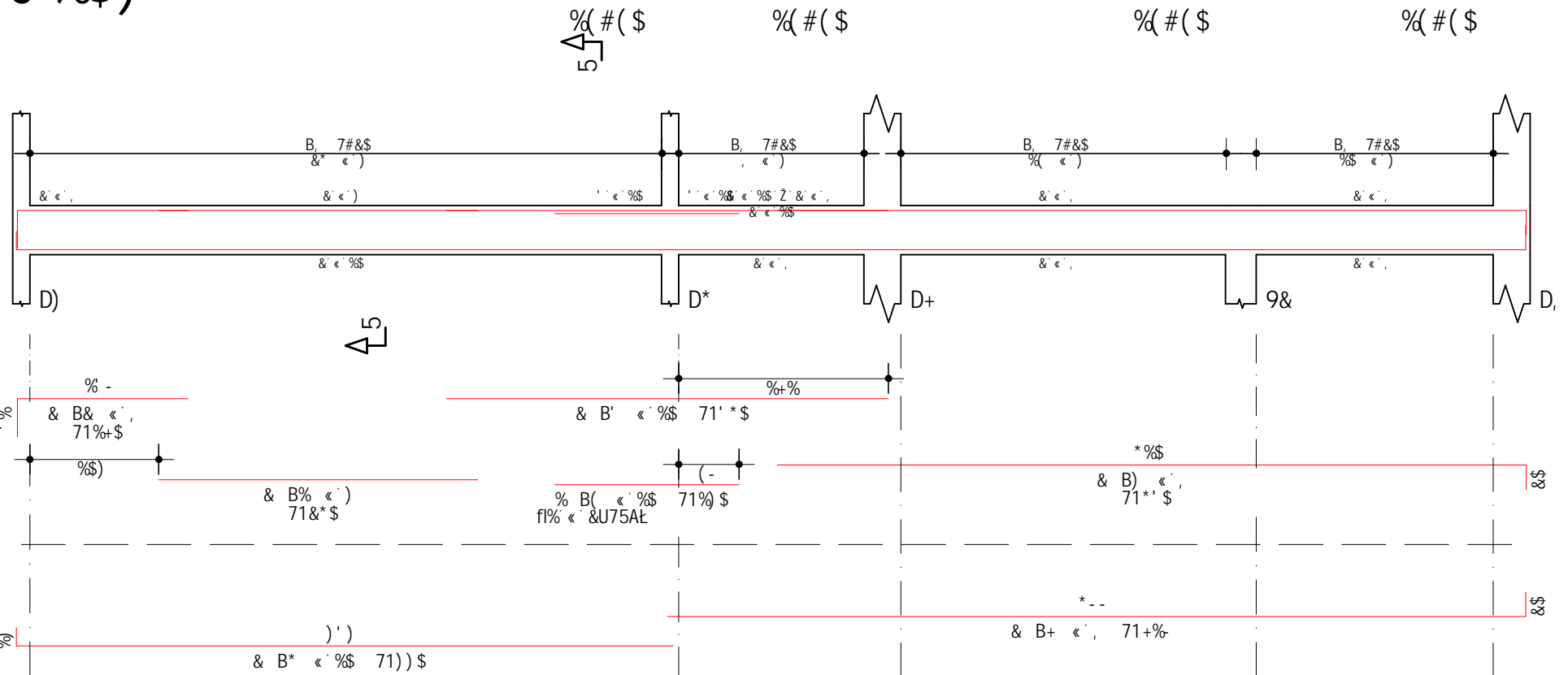
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DfC>9HC" 9GHFI HI F5@! " ' 89H5@<5A9BHC" ! " HF'9 BCJ'5' 5B8F58=B5			
Hj dc.  9L97I H=JC		7cbhY-Xc. D&* # D' \$&	
@cWU .  FI \$ K5@H9F" <1 657<9F" %(&) -4BCI\$' 5B8F58-B5#AG		Dfcdfj Yhzfj c.	
Gj hi U. -c.		HFj Vi buU " FY[] cbU" '9 Y] hcfU" ' ! AG  Si hcfU Xc' dfc"Yhc.    FYdcbgzj Xc: sfel j nhm FU @85 ! 75! " " " )+ & FYgdcbgzj Y" hY(W) Wc' dy U Yedf Ygl FYdhu NubufXc ! 75! . (& (1 + 7D. ) "6 X" , \$ * 18" (	
afYUg.		FYgdcbgzj Y" hY(W) Wc' dy U YI WY. -c' XU cvFU.	
afYU U gYf Wgbghfi tXU hffYc ! : &% 2. \$ a afYU U fYZcfauF ! " + , 2& " a afYU dYfaYzj Y ! " ++^2) , a hU U XY cvWdu -c ! : &&2 " +! abxj W' XY ldr cj Y] hlaYbhc ! : \$2&& afYU hcuU Xc' chY ! % \$S2\$S a		7ccfX" 9b[ " 8] c c 7Uadcg Xcg 5b"cg 7F95. AG %88% 7D. , \$ " + (" ** ()) -1 %8	
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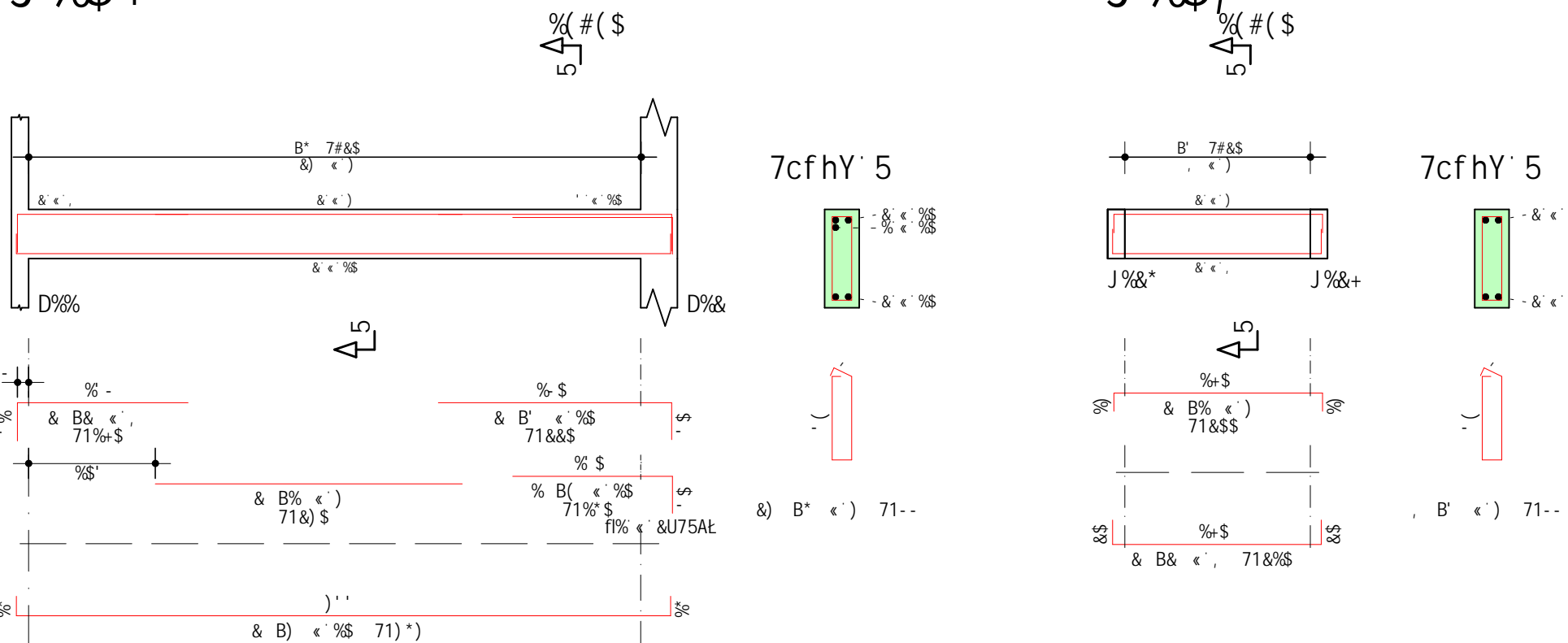
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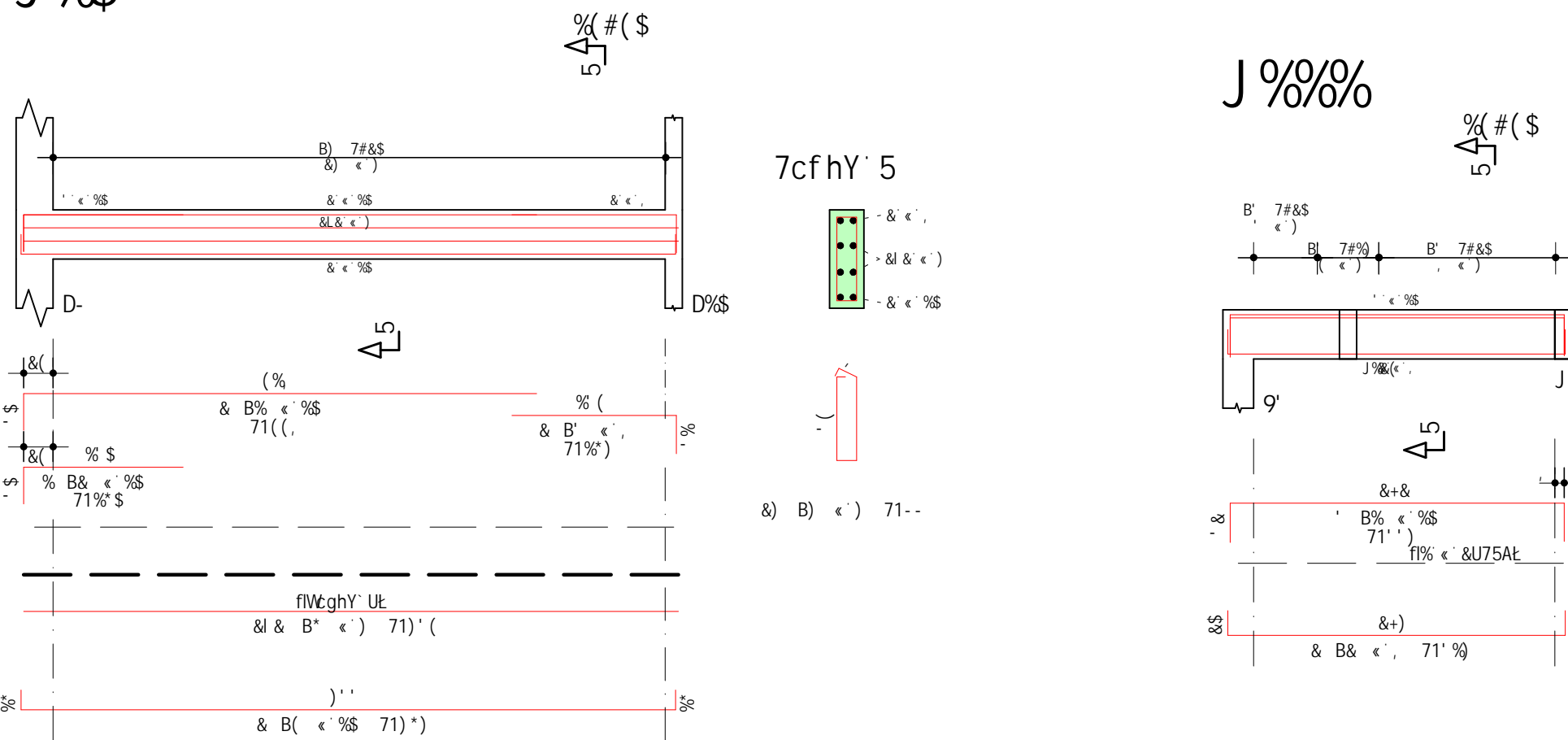
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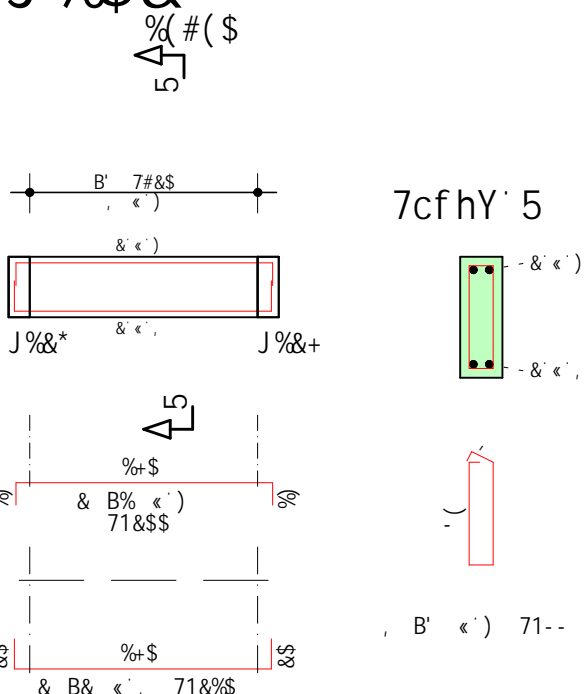
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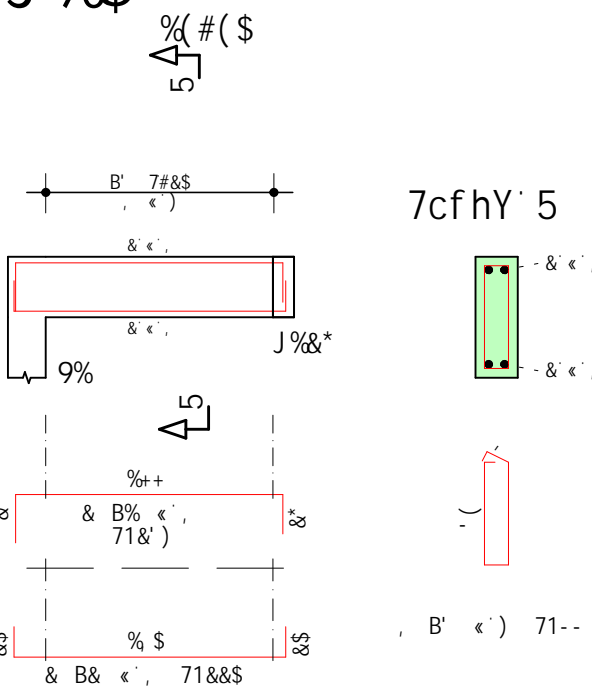
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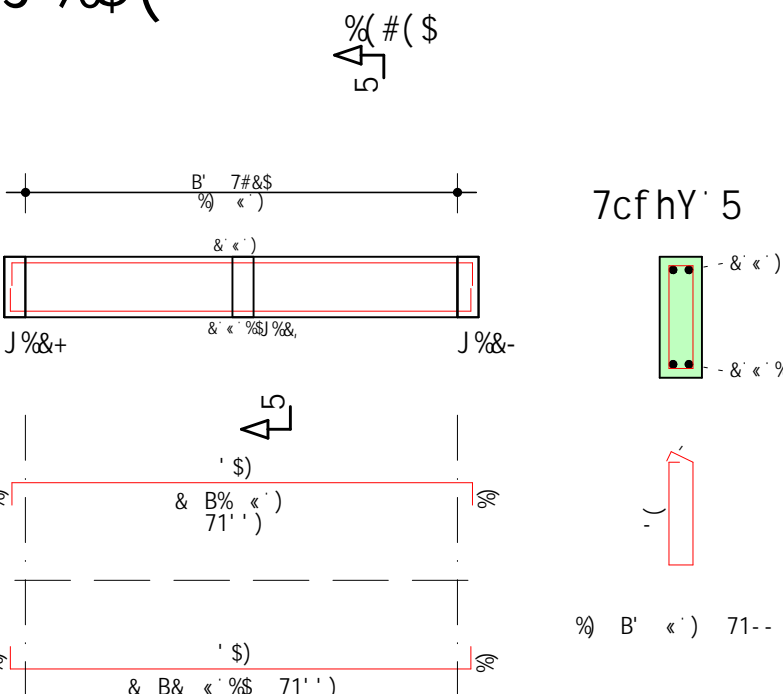
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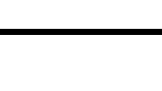
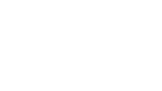
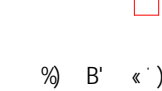
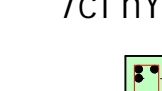
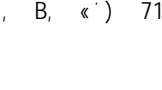
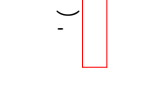
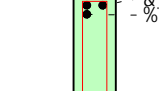
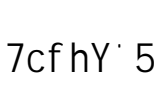
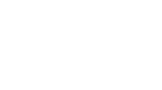
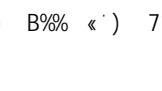
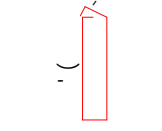
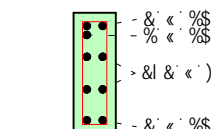
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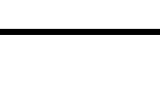
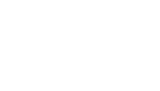
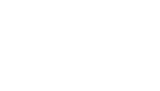
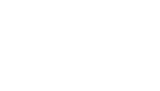
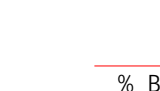
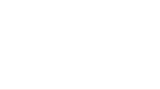
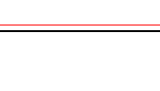
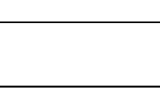
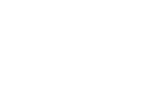
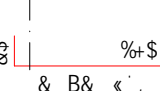
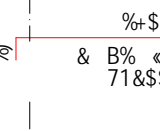
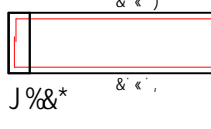
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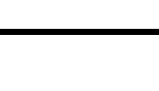
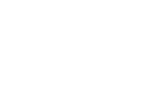
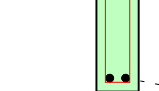
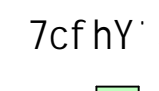
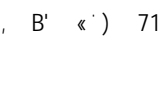
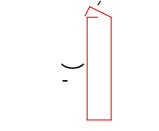
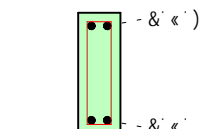
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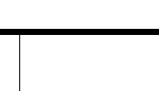
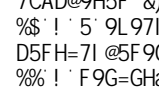
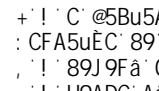
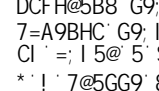
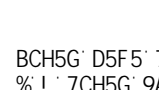
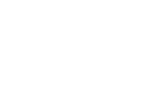
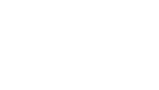
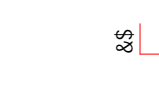
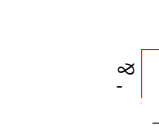
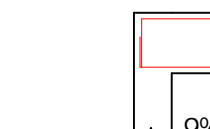
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7cfhY' 5



7cfhY' 5



BCHSG DSF5 7CFF9H5 9L971UEC 8C DFC>9HC  
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& 1 7CB: 9F-F A9B>BSC BC 9C75@  
+ 1 7@SGG9 BC 7CB7F9HC 56BH B6F .-) . &\$S- 7@) fL 77 1' &) AD5L  
( 1 A@B1 @C 89 9@5G4+7=8589 H5B 9BH9 BC 7CB7F9HC 5CG & 8=5G2 56BH B6F \*%& %  
9 1 & 2S : D5L 1 H=H5B8C 6F=H5 89 65G5@H  
+ 1 7@SGG9 89 5 F9CG-J=8589 5AG=9BH5@ 9 EI 5@=8589 8C 7CB7F9HC 89 7=A9BHC DCFH@5B8  
DCFH@5B8 89 1 B8C 56BH B6F \*%& % ( v 7@) 2 5 F9CG-J=8589 ACB9F585 9 7CBG1 AC A@B=AC 89  
7=A9BHC 89 1 B8C 5 56BH B6F \*%& %). &\$9 BC A@B=AC & \$ ?[ #a 9 F9@5UEC a: 1 5@7=A9BHC A9BFC  
C1 = 1 5@ 5 \$2 \$  
+ 1 7@SGG9 89 7CBG-GH@B7-5 1 @B1 ADL BC 7CB7F9HC 89 57CF8C 7CA 56BH B6F .-) . &\$S-  
G@S\$ fH@Z1 @L  
+ 1 C @5B@5A9BHC 8919Fa G9 1 = 5G F97CA9B85@59G 85G BCFASG J = aBH9G : 5F5BH=BBC BEC  
: CFA5UEC 89 B-7CG 89 7CB7F9HC 9A2 5 <CAC 9B9=8589 69A 7CAC 5@HC 89GAD@B@C BC 7CB7F9HC  
+ 1 8919Fa 89F 1 H=H5B8C 9@B5@5B@F9G 7CA C : -A 89 : 5F5BH@F C F97CF@A9BHC 85 5FASB1F5  
- 1 H9ADC A@B=AC DSF5 D9FA5B@B7-5 BCG 9G7CF5A9BHC9 : CFA5G 85 @5>9 5Hv C 7CB7F9HC  
7CAD@9H@F &) AD5  
%8 1 5 9L971UEC 85 9@H1HIF5 8919Fa G9 1 = 5 56BH B6F %(- % &\$S(2 G5@C 9A 75GGC  
DSFH=71 @5F9G 7CB@H5F 9@H9 75@71 @=G@5  
%8 1 F9G-GH@B7-5 BC 5uC 75) \$ 1 : m. 1 ) \$S ADU 5uC 75'S 1 : m. 1 \$S ADU  
%8 1 1 H=H5B8C 5 F9 58C 89 8=A9B8C 01%aa fH@H=H5 9L

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75F57H9F=GH+75G 8C 7CB7F9HC : 77.	&) ' ADU &, ' ; DU F9G-GH@B7-5 5CG & 8=5G A@B1 @C 5CG & 8=5G

9L971UEC 8C DFC>9HC  
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& 1 7CB: 9F-F A9B>BSC BC 9C75@  
+ 1 7@SGG9 BC 7CB7F9HC 56BH B6F .-) . &\$S- 7@) fL 77 1' &) AD5L  
( 1 A@B1 @C 89 9@5G4+7=8589 H5B 9BH9 BC 7CB7F9HC 5CG & 8=5G2 56BH B6F \*%& %  
9 1 & 2S : D5L 1 H=H5B8C 6F=H5 89 65G5@H  
+ 1 7@SGG9 89 5 F9CG-J=8589 5AG=9BH5@ 9 EI 5@=8589 8C 7CB7F9HC 89 7=A9BHC DCFH@5B8  
DCFH@5B8 89 1 B8C 56BH B6F \*%& % ( v 7@) 2 5 F9CG-J=8589 ACB9F585 9 7CBG1 AC A@B=AC 89  
7=A9BHC 89 1 B8C 5 56BH B6F \*%& %). &\$9 BC A@B=AC & \$ ?[ #a 9 F9@5UEC a: 1 5@7=A9BHC A9BFC  
C1 = 1 5@ 5 \$2 \$  
+ 1 7@SGG9 89 7CBG-GH@B7-5 1 @B1 ADL BC 7CB7F9HC 89 57CF8C 7CA 56BH B6F .-) . &\$S-  
G@S\$ fH@Z1 @L  
+ 1 C @5B@5A9BHC 8919Fa G9 1 = 5G F97CA9B85@59G 85G BCFASG J = aBH9G : 5F5BH=BBC BEC  
: CFA5UEC 89 B-7CG 89 7CB7F9HC 9A2 5 <CAC 9B9=8589 69A 7CAC 5@HC 89GAD@B@C BC 7CB7F9HC  
+ 1 8919Fa 89F 1 H=H5B8C 9@B5@5B@F9G 7CA C : -A 89 : 5F5BH@F C F97CF@A9BHC 85 5FASB1F5  
- 1 H9ADC A@B=AC DSF5 D9FA5B@B7-5 BCG 9G7CF5A9BHC9 : CFA5G 85 @5>9 5Hv C 7CB7F9HC  
7CAD@9H@F &) AD5  
%8 1 5 9L971UEC 85 9@H1HIF5 8919Fa G9 1 = 5 56BH B6F %(- % &\$S(2 G5@C 9A 75GGC  
DSFH=71 @5F9G 7CB@H5F 9@H9 75@71 @=G@5  
%8 1 F9G-GH@B7-5 BC 5uC 75) \$ 1 : m. 1 ) \$S ADU 5uC 75'S 1 : m. 1 \$S ADU  
%8 1 1 H=H5B8C 5 F9 58C 89 8=A9B8C 01%aa fH@H=H5 9L

Hthi "c.  
DFC>9HC 9GHFI HI F5@ ! ' 89H5@<5A9BHC ! ' HF 9' BCJ 5' 5B8F58=B5

Hj dc.  
9L971 H=JC

@cWU .  
FI 5 K5@H9F <1 657<9F %(- .4BCJ 5 5B8F58=B5@AG

Gj hi U .-c.  
Hf Vi buU FYI cbU 9 Y hcf U ! ' AG  
Si hcf U Xc d f c ^Yhc.  
FYbuhU NubU Xc 5 f e j h y h i f u @B5 1 75L .-) + &  
FYgdcbgz Y H y W U Wc d Y U Yed Y g U  
FYbuhU NubU Xc 1 75L . ( & ( 1 + 7D . ) ) \* + , \$ \* % ' (

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afYU U FYZcfafU 1 + , 2& " a  
afYU dYfayZj Y 1 + , 2& " a  
H U U XY c W d U . c 1 + , 2& " a  
abXj W X Y Udf c Y Y hUaYbhc 1 + , 2& " a  
afYU hcf U Xc " chY 1 % \$ \$ \$ \$ \$ a

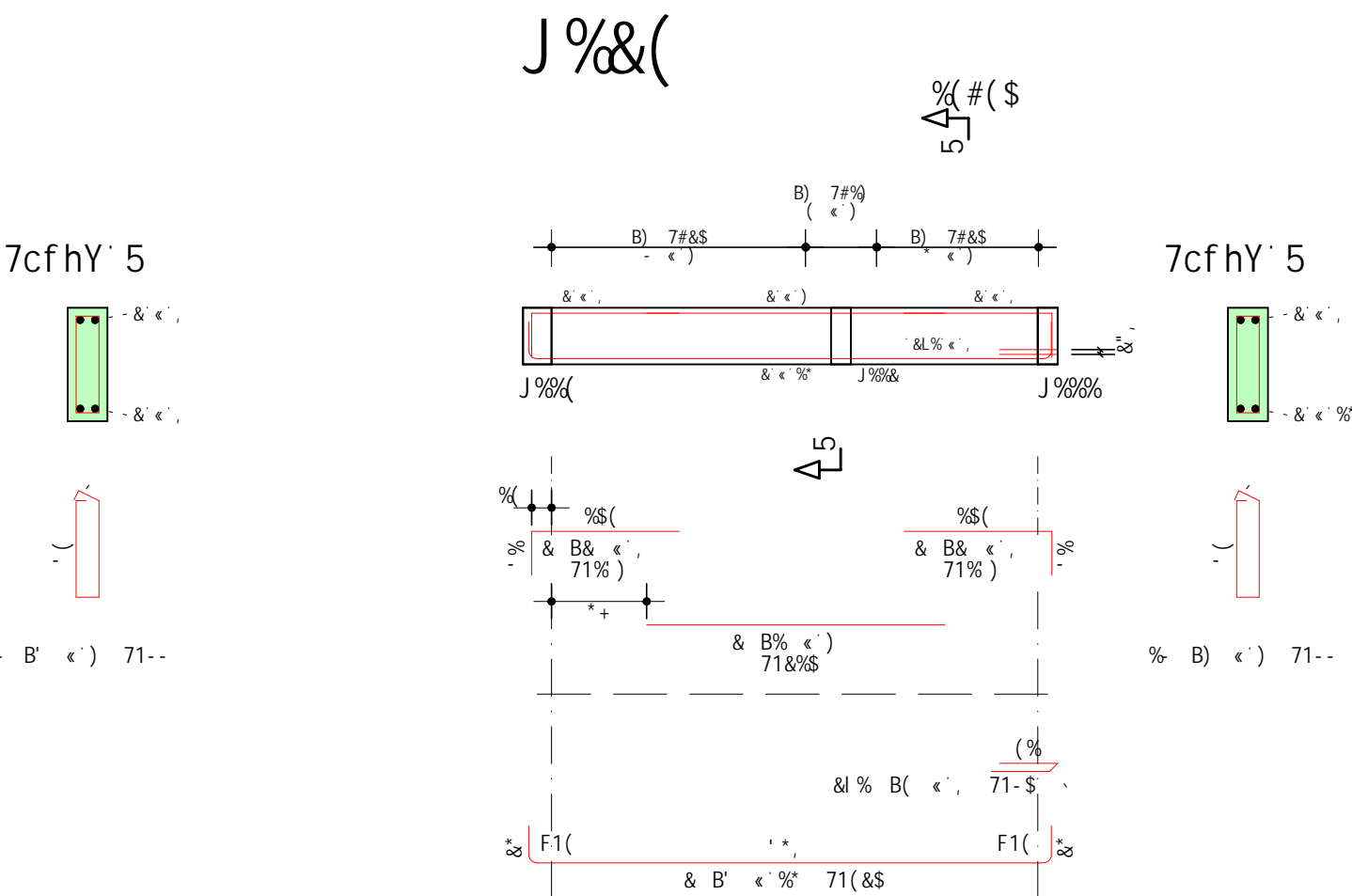
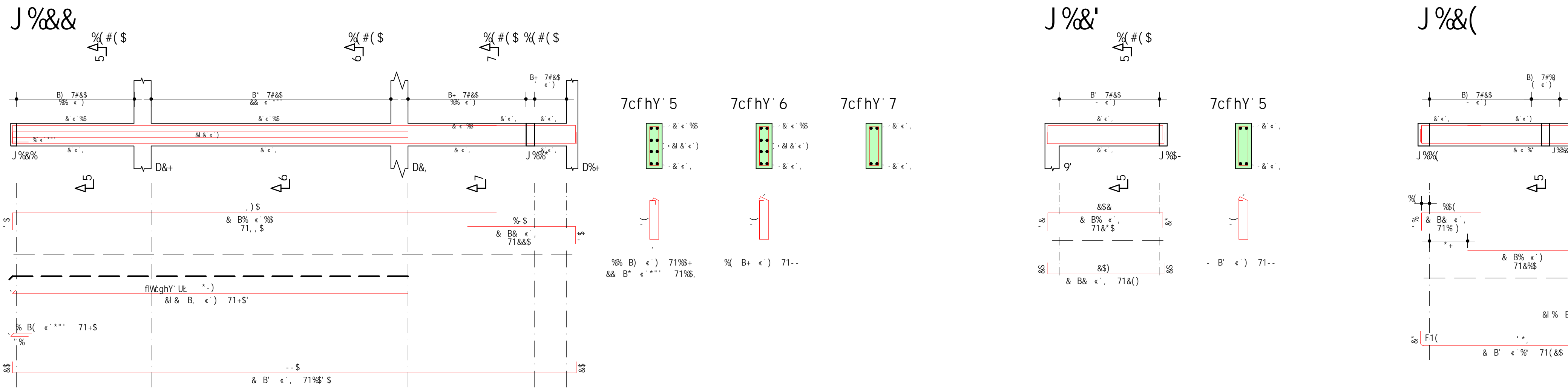
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) \$

8UHU.  
% \$ \* # \$ \$ &

DFLibWU.  
\$ % \$

5df c j U .-c





75F57H9F=GH+75G 85G : CFA5G	75F57H9F=GH+75G 8C 7CB7F9HC
785GG9. <b>7&amp;\$</b>	: ??, <b>&amp;)' ADU</b>
BCA9. <b>D=BI G</b>	<b>&amp;, ' ; DU</b>
	F9G=GH87=5 5CG & ' 8=5G
	AeBI @C 5CG & ' 8=5G

[illegible]

# Renata Zanardo

ARQUITETURA

5j " 7Y " 5bhcj bc: 6S(62 Gø \$6 ! J) U @ VQxU  
 7Udsc : fUbxYVAg  
 Hf "T+ " " " 98 6S(6 p - - 6) 8 " (6  
 Webhuc:cf Ybuhubuf Xc " Vea

Hthi " c.

DFC>9HC' 9GHFI HI F5@ ! ' 89H5@<5A9BHC' ! ' HF9' BCJ5' 5B8F58=B5

Hj dc.

9L97I H=JC

7cbY Xc.

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J %&& # J %&& # J %&& # J %&& # J %&& (

@cWU .

FI S K5@H9F' <I 657<9F' %(&) -4BCJ5' 5B8F58=B5\*AG

Df cdf } Yhz f } c.

Hf } Vi bu } FY { cbU ' 9 Y } hcf U ' ! ' AG

Si hcf U Xc: df c " Yhc.

FYbUu NubUf Xc: SfeI } nYhI fU @85 ! 75I . . " ) + &  
 FYgdcbgz jY' hYfVb } Wc: dY U YadfYgU  
 FYbUu NubUf Xc ! 75I . . (6% (1 + 7D . . ) " 9 " , " S " 9 " (

FYgdcbgz jY' hYfVb } Wc: dY U YI YW . -c Xc cVfU.

7ccf X' 9b " 8 } c } 7Uadcg Xcg 5b " cg

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7D . . S ' + " ( " " " ) -1 %&

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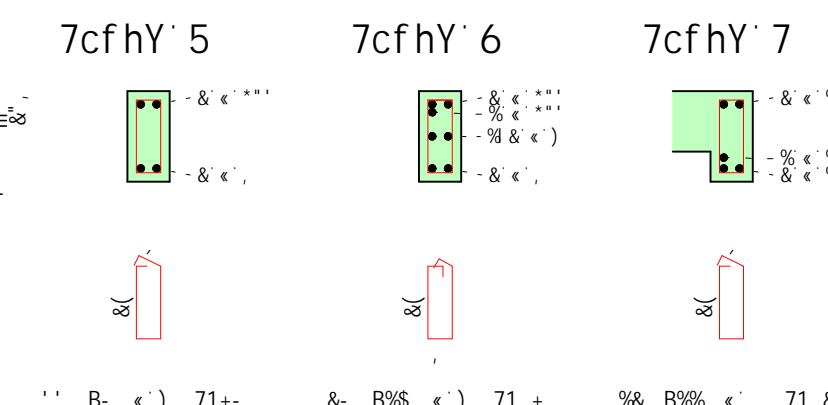
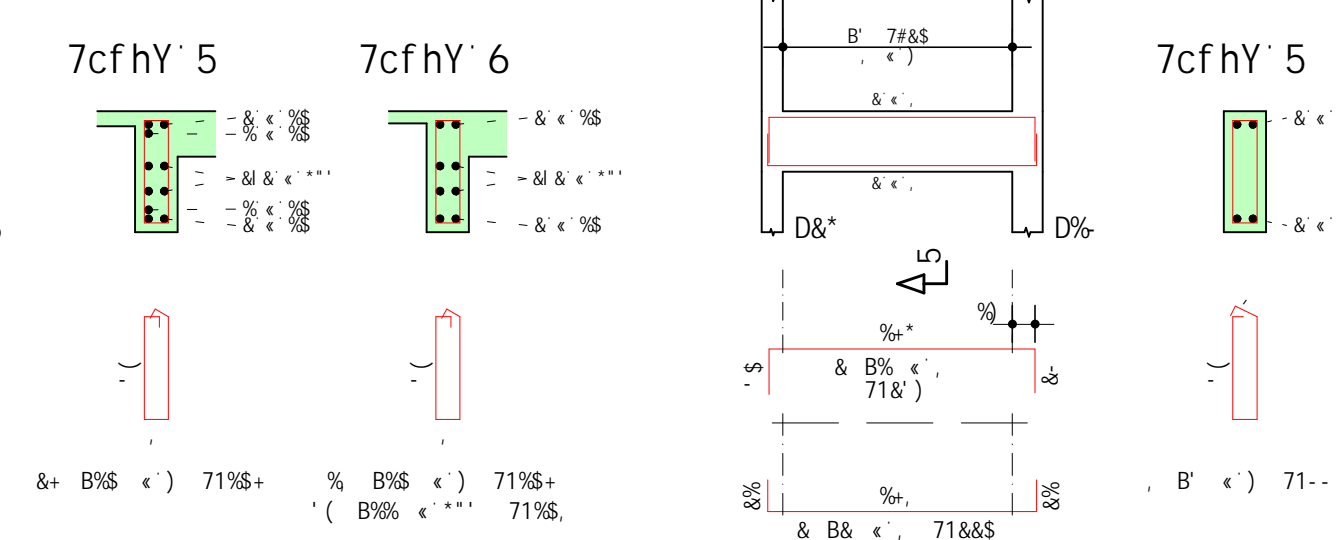
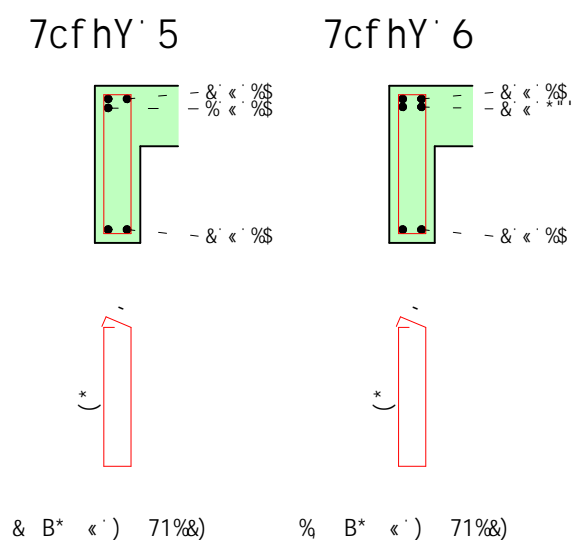
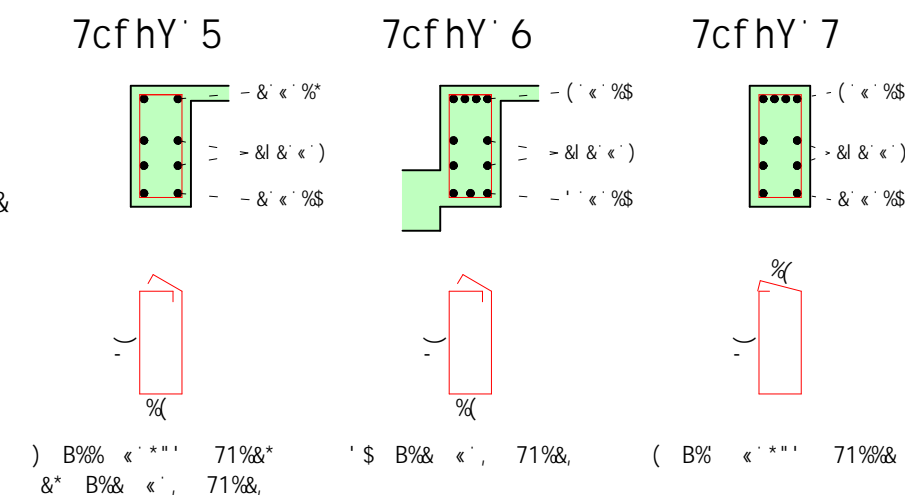
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5dfc U . -c










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D9GC HcuJ	\$5 1		9%	

		<p>5j " 7y " 5bchb  bc: 85(8z G6  5&amp; 1 ' j  ' U   @  V  bXU  7Uadc: ' f  UbX  Y  AG  Hf: " 11" 4c: " ) 96 65( &amp; p: " - ' 8) 8  " ( &amp;  VebhUhc: 4f  YbU  hU  hU  bU  f  Xc" Wca</p>	
<p>Ht  h  " c.</p> <p>DfC&gt;9HC" 9GHFI HI F5@' ! ' 89H5@&lt;5A9BHC' ! ' HF9' BCJ5' 5B8F58=B5</p>			
<p>Hj dc.</p> <p>9L97I H=JC</p>		<p>7cbhY" Xc.</p> <p>J &amp; % % # ' J &amp; % &amp; ' # J &amp; % ' # J &amp; %  J &amp; % ) ' # J &amp; % +</p>	
<p>@cWU .</p> <p>F  5' K5@H9F' &lt;  657&lt;9F' % ( ) - 4BCJ5' 5B8F58=B5+AG</p>		<p>Dfcdcf  Yhzf  c.</p>	
<p>G  hi U. -c.</p>		<p>Hf  V  bU' ' FY    cbU' ' 9' Y  hcfU' ' ! ' AG</p> <p>5  hcfU' Xc: dfc" Yhc.</p> <p>FYbU  N  bU  f  Xc: 5fci   hYh  fU' @95' 1' 75  : " ) ' + &amp;  FYgcdbgz  Y' : h  Vb  Wc: dy' U' Yadf Ygi  FYbU  N  bU  f  Xc: 1' 75  : { &amp; ( 1 + 7D. ) " % + " , \$ " % " (</p> <p>FYgcdbgz  Y' : h  Vb  Wc: dy' U' Y  YW. , -c' XU' cVfU.</p> <p>7ccfX" %  " * 8  c  c' 7Uadcg' Xcg' 5b" c' g  7F95. AG' %8( % )  7D. : \$' + " ( " " ) - 1 % &amp;</p>	
<p>afYUg.</p> <p>afYU' y' gYf' Wcbghf  fXU' hffYfC' ! ' &amp; % ( z. \$ ' a  afYU' U' fYzcfafU' ! " " , 2 &amp; " a  afYU' dYfaYz  Y' ! " + + 2 ) , ' a  H  U' U' XY' cWdU. -c. ! " " &amp; 62 - " !  abX  VW' XY' Udf c  Y  hUaybhc ! " " \$ 2 &amp; &amp;  afYU' hcnU' Xc: c  hY ! % \$ \$ 2 \$ \$ a</p>		<p>9gWU' U.  % ) \$</p> <p>8U  U.  % " \$ " # &amp; 5 &amp; '</p> <p>DfUbWU.  \$ % (</p>	
<p>5dfc  U. -c</p>			

[illegible]



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%05G 14555 7CFF9H 91.97U 1C6C DFC9G:HC%
%1% 7CH6G 9A 799H8A9H6CG% B4J9-G 9A 799H8A9H6CG% C B4J9% $' V 9A F99H6UC 5 FEI=H9H F5
%7B 9C9 F=9A-85G BC C759%
%1% 7959H 9C 7C7B7F9C 568H B6%
%1% A6H C 89 945C74-7-8589 HB 99H9 C 7C7B7F9C 56C & 8-52 568H B6% 85C%
%1% 9 1 2 5: D3J 1 H=NBSCB C F 9 15 65C5H9C%
%1% 7A6G9G 9 5 F9GJ J=8589 56A-96H5% 9 15 H=8589 8C 7C7B7F9C 9 7A9BH DCFH85B9
%1% 7A6G9G 9 5 568H B6% 85C% 79J2 5 F9GJ J=8589 AC9F 505 9 7C9G C4B AB-C
7A-99H9 C9 1B8C 5 568H B6% 85C% 83C% AB-AB-C & 7?A 9 F99H6UC 1 1567-A99H9 AB9C
C1 1565 5 52%
%1% 7A6G9G 9 9 7C9C-CH987-5 10H6 AD C 7C7B7F9C 9 57C9C 7C4 568H B6% 85C%
0885 79H9%
+ C 1 C85U9A9H9B9G 85G 9 5G F9C7A985U9G 85G B6C AF5G J 9A H6H9G 5F58H-B6C-BC%
C7AF5UC 9B B-7-CG 9 7A9H95G 9A2 5 C A89-8589 6A 7C6H 558C 899A9D9H-C BC 7C7B7F9C
%1% 1 89J9A 9F 1 H=NBSC 90D58959G 7CA C 9A 9 5F58H-F C F97C6-A99H-C 85 F5A81 F5%
%1% 1 H9A 9C 7C7B7F9C 568H B6% 85C% 90G J9CF5A989G 9C: C7AF5 85 85-9 5V C 7C7B7F9C
7C6D9H9F5C 85C% AD5%
%1% 5 91.97U 1C6C 85 9GH1F H5 99J9A 9 9 1 5 568H B6% 9% 7C2 52H9C 9A 75GCG
D5F7 H-75F9G 7C6H85H9 90H75 79H5%
%1% 1 9C 7C7B7F9C 568H B6% 85C% 75J5 1% $' ADU2 5G 75J5 1% .M. '$$ ADU1'
%1% 1 H=NBSC F 9F 58C 9 9A-99B6C 013A 96H F-H5%

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75F57H9F -GH-75G 85G : CFA5G	75F57H9F -GH-75G 8C 7C87F9HC
7e5GG9.	: 7?.
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BCA9.	F9G=GH8B7=5 5CG & , 8=5G
	Ae8l @C 5CG & , 8=5G

[illegible]

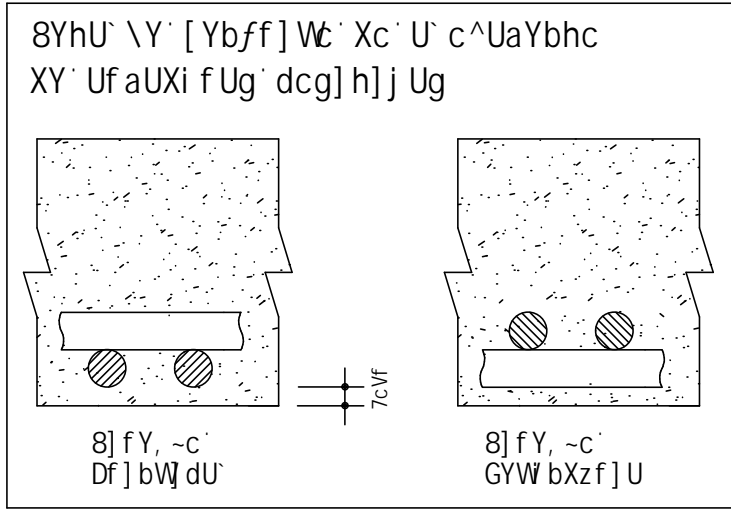








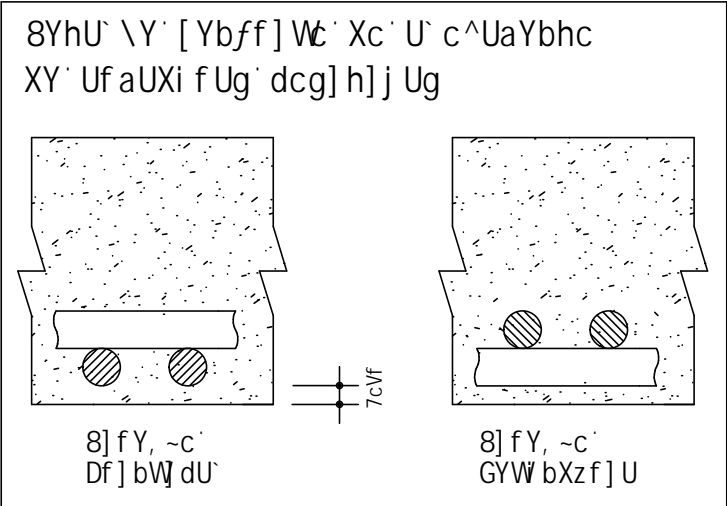
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<div><div><div>Renata</div><div>Zanardo</div></div><div><div>ARQUITETURA</div></div></div> <div>Símbolos de la Tabla Periódica Túndoc : fUdYVAG Hífrón + " " ) 9&amp;S( &amp; p - --&amp; &amp; " (&amp; Webbhc-4f7rduhuBbfKcVeA</div>	
Híthi " c.	
DfC>9HC`9GHFI HI F5@! ` ` 89H5@<5A9BHC`! ` HF'9 BCJ'5`5B8F58=B5	
Hjdc.  9L97I H=JC	7cbhYXc.  B&\$S! 5faUXI f U' dcg[h] j U' df] bW dU'
@cWU` .  FI 5` K5@HF#` <l 657<9F` %(&) -4BCJ5`5B8F58=B5#AG	Dfcdf] Yhzf] c.  HF[ VI bu` FY[] cbU` '9 Y] hcf U` !` AG
G] hi U. -c.	Si hcf U Xc` dfc^Yhc.  Frduhu BbfurXc: Sfeel [ hñhi FU @R5 l` 75l` . " " ) + & FYgdcbgzj Y` hY(V) Wc` dy U yadfygu Frduhu BbfurXc l` 75l` . (&S( l+ 7D.. ) "S" , "S" 9" (&  FYgdcbgzj Y` hY(V) Wc` dy U YI YW. -c` XU cuVFU.
aFYÜg.  afYU U gYf` Wbhghfi tXU hyffYc: l` &%Z. \$ a afYU U FYZcauf` !` +, 2&"` a afYU dyfavzj Y` !` ++*Z)` a HJU U XY` cWdu` -c` !` &&+` i abX(W Xy` Jdr[c] Y] hlaYbhc !` --\$2&& afYU hchU` Xc` chY` ! % \$S2\$S a	7ccfX" 9b[" 8] c] c 7Uadcg Xcg 5b^cg 7F95. AG %8&5% 7D.. \$` + (" "" ()) -l %&  9gWU` U.      8UHU.      DfubWU. % ) \$      %? \$?" &\$S&'      \$%-
5dfcj U. -c	

9DFC>9H5 9B; 9B<5F=5 9 7CBG! @HCF=5 D00 HF9! 7C6! 05>! \$% ! F\$ \$" D!H %\$ # \$\* #&&& %\* ) ) ) &

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+85HG5 F5D5 7CFF9H5 9L97H uC8 DF-CF-9C  
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 7C8 9C9 F 49B-855C BC uC7F50  
 1 795B9C 7C87B9FC 56B8 BF6 %1. 855- 78 577 1 1) ADE5.  
 (%1 A6B uC9 995C9F4+8589 HB9 9H9B C 787B79C FG C- 9-B5Q2 56B8 BF6 %98, 855-  
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 DCFH5B8 7C87B9FC 56B8 BF6 %88, 853 v 7J02 5 F9G5B9 AC9F5B85 7C93G AC 9B9C  
 7A-9A9H8 C9B8 1B8C 5 56B8 BF6 %82) 853C BC AAB-AC & \$ 719A 9 F9B5U6C 1A587 A9B9C AB9C  
 CF 156B 5 56B8 BF6 %82  
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 +1 C %85B9A9H9C 99B9A 9 9 1 F5 9G7F9A9B95C9G 85G BCF8A51 uH-ABH9G 7F55B8-HBC BEC  
 C7AF5E6 99 8-7-C9H uH-7C87B9H5 9A2 5 9A 99B9-8589 69A 7C9C5H8 89G9AD9B-C BC 7C87B9FC ...  
 1 89B9A 9H 1H uH-B58C6 9C0D5B9C56 9C 7C8 C- A 89 7F55B8H C 7A975B8 85 5F8A51 F5  
 7C87B9FC 56B8 BF6 %85 D9A5B8A57 8 BC9 9C7C5A9B9C 9 C7AF5E6 85-9 59H C 7C87B9FC  
 7C87B9H5 8 9A7D5  
 +1 85HG5 F5D5 85 99H1H F5B5 89B9A 9 9 1 5 56B8 BF6 %1 %852 2 G56H 9A 75G5G  
 D5FH-71 85HG5 7C87B9H5 85 99H1H uH-GH5  
 %81 F9C7C5B9 5 8C 56B 759 1 %1 \$\$\$ ADE 5U 75 1 %1 m %1 \$\$\$ ADE  
 %81 1H uH-N5F 5 9C 9D9 7A-9A9B7C 01H AC tH6-F5H %

5uC	DCG	6=H	EI 5BH	7CADF=A9BHC	
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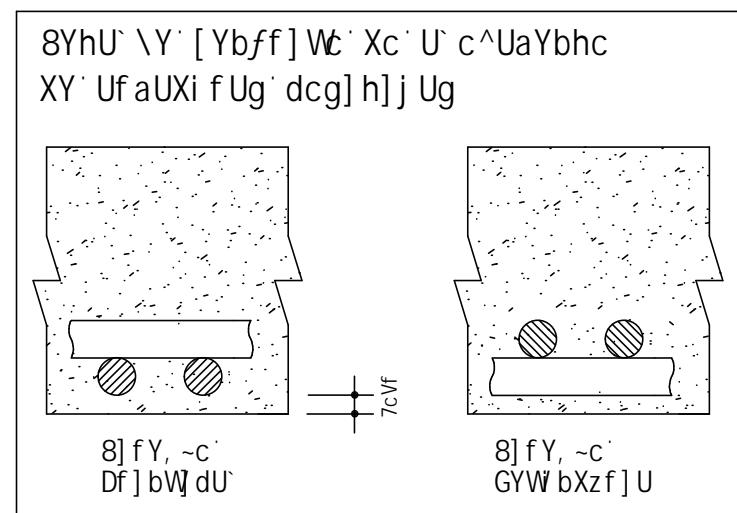
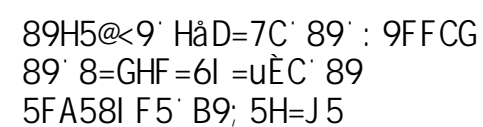
F9GI ac 89 5uC			
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75F57H9F+GH+75G 85G: CFA5G	75F57H9F+GH+75G 8C 7C87F9HC.
785GG9.	: 7?.
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BCA9.	&, ' ; DU
D=BI G	F9C+GH87-5 5CG & ' 8=5G
	A6BI @C 5CG & ' 8=5G

[illegible]



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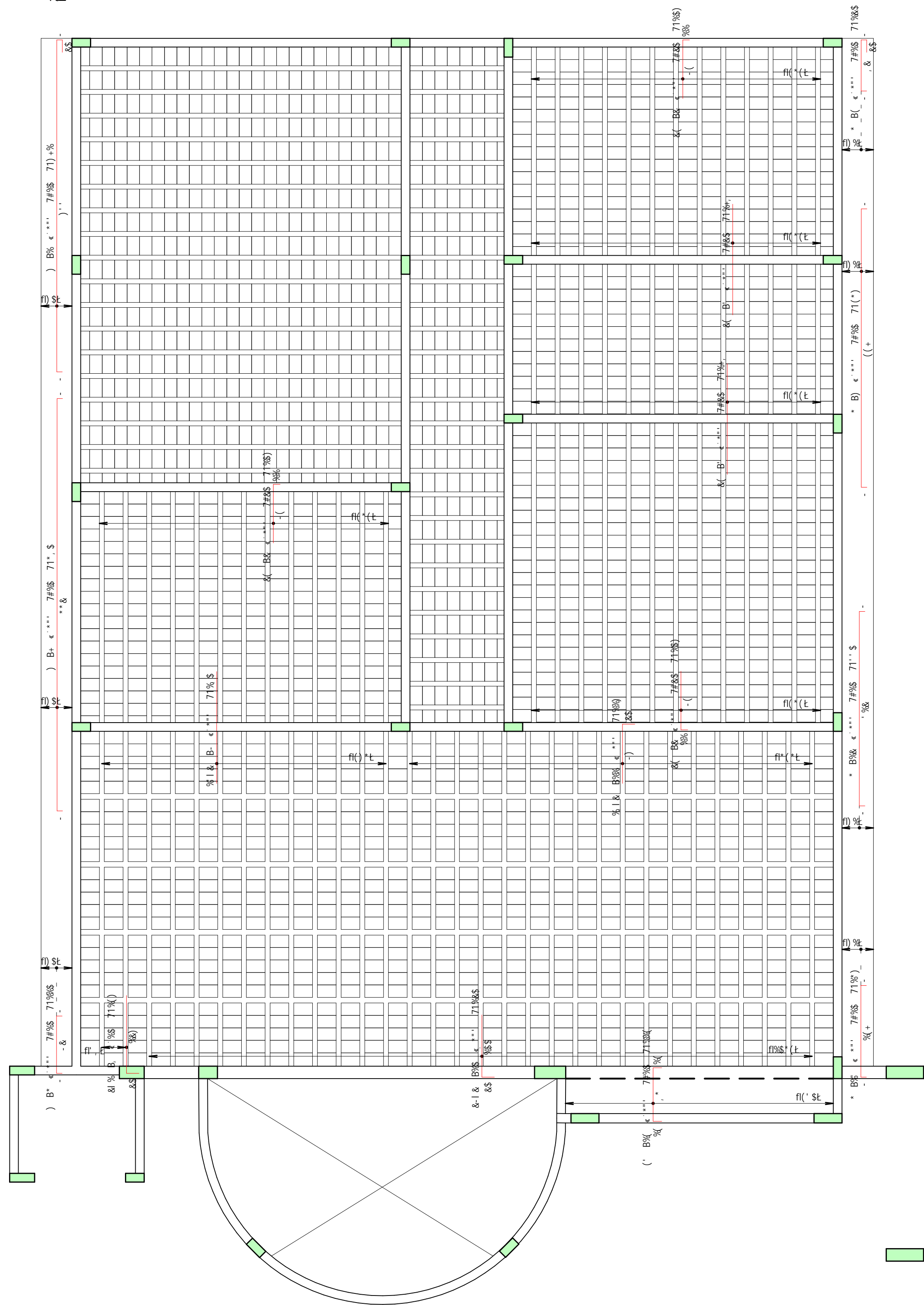
[illegible]

F9GI AC' 89' 5uC			
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[illegible]

%L



F9GI AC' 89' 5uC			
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.....) \$5	aa	a	.....) Z
.....) \$5	.....) %	.....) %	.....) %
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75F57H9F=GH=75G 85G : CFA5G	75F57H9F=GH=75G 8C 7CB7F9HC
7@5GG9.	: 7?.
7&\$	&) ' ADU
D=BI G	F9G@GH87=5 5G& ' 8=5G
BCA9.	A68I @C 5G& ' 8=5G

**Renata  
Zanardo**  
ARQUITETURA

Sj " 7Y " 5bhcjbc: &S( &2 G@ 5& ! J ) U @ V@XU  
7baac: fUBDyPAG  
Hr "R"t" " ) 9&S( & p - - & ) & " (&  
VebchUhc4fYbUhuUbUfXc" Wca

Hthi " c.

DFC>9HC" 9GHFI HI F5@ ! " 89H5@<5A9BHC" ! " HF" BCJ'5" 5B8F58=B5

Hj dc.

9L97I H=J C

7cbhY" Xc.

B&\$\$! 5faUXi f U" bY[ Uh] j U" gYW bXUF" U

@cWU .

FI S K5@H9F <I 657<9F %(<)-4BCJ'5" 5B8F58=B5@G

Df cdf ] yhzf ] c.

Hf ] Vi bU" FY ] cbU" '9 Y] hcf U" ' ! AG

Gj hi U. -c.

Si hcf U Xc" df c" Yhc.

FYbUHU NUbUfXc" Sfe ] hthi fU" @85 ! 75i . . " ) i &  
FYgdcbgzj Y" hYVb] Wc" dy U YadfYgU  
FYbUHU NUbUfXc" ! 75i . . (& ( ! + 7D . . ) " % " . " \$ " % (

FYgdcbgzj Y" hYVb] Wc" dy U YI YW. -c" XU cVfU.

afYUg.

afYU U gYf" Vebghfi tXU hYffYc" ! 88%2. \$ a  
afYU U FYZcfauf ! " +.2& " a  
afYU dYfaZj Y" ! " ++2 ) " a  
HU U XY" cW dU. -c ! 6&2 " i  
abXQW" XY" bdf c ] Y] hlaYbhc ! " \$2&&  
afYU hchU" Xc" chY ! % \$ \$2\$ \$ a

7ccfX" 9@ " " 8] c[ c 7Uadcg Xcg 5b" cg  
7F95. AG 9@8%  
7D . " \$ " + " ( " " " ) . ! %&

9gWU U.  
% ) \$

8Uhu.  
% \$ \$ " # \$ \$ \$

Df UbWU.  
\$ \$ &

5df c ] U. -c

```

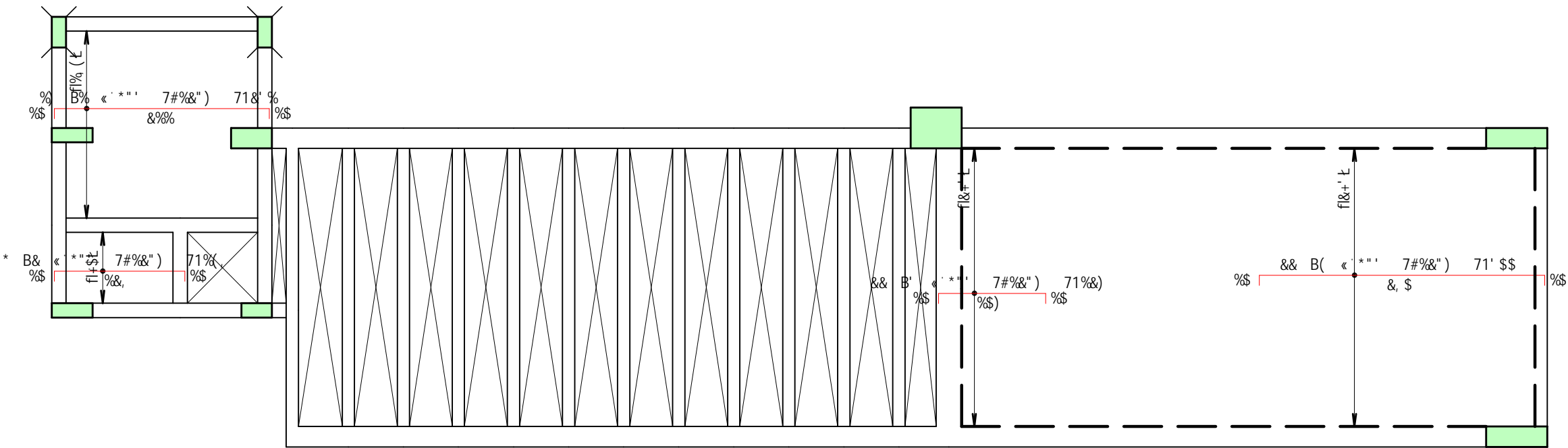
%CH5G 54F 205F 70FF95 91.971 UC BC DFC%CH5G
%1 7CHG 9A 798BA9AH9CFC B4J9-GA 798BA9AH9CFC C B4J9% '$' v 9A 9F95UC 5 F5E1=HMH F5
+ 1 7CB 9F 9A-85B 98C BC C755E
%1 765CB 9C 7CB79F 568B B6F %' %' $$$- %' 57 78.1 0) ADL%
+ (A e8i 89 %965474=8589 BH 99BH BC 7CB79F 56C 8- 8Q5G 568B B6F %'8% $$$-
9 1 & 2S : D52 ! H=NB86C 6F 9A 655C84C
%1 765G9B 9A 5 F9GJG 8589 56A-9B5H 9F 1 E5=8589 8C 7CB79F 9B 7A-7A9HC DCFH5B8B
%1 765G9B 9A 568B B6F %'8% $$$- %' 78.1 0) F9GJG=8589 8C9F58B 1 765G9B 9A 568B
7A-7A9HC 9F 56C 568B B6F %'8% $$$- %' 835C BC AB-AC & 5789 9 F995UC 1 765G9B 9A 568B
C 1 50E 5 2B2
%1 765G9B 9B 7CBG-40B8F 5 9G8I ADL 8C 7CB79F 9B 57CBFC 7CA 568B B6F %' %' $$$-
G885 F79C
+ 1 C 6E5A9B5AH9C 919A 9F 1 C 5G F97CA9B85B9G 85G BCF 85A 1A=AH9G : F55B48B BC EC
: CFA5UC 9B B-7-CG 89 7CB79F 95 4 <CA C9B9-8589 69A 7CA5C 8589 8C9B9A9D-BC 8C 7CB79F %'
%1 919A 9F 1 H=NB8C 9Q6558C9F 9A C <A 9B : 5F5BHF C 9F7C9F 49A9B 85 5F5A5F 1
%1 919A 9F 1 565G 5789 5789 5789 5789 5789 5789 5789 5789 5789 5789 5789 5789 5789 5789
7C9ADH9F 8C 0) ADL%
%1 5 91.971 UC 85 9G8IHF 95 919A 9F 1 C 5G 568B B6F %' %' $$$2 ( 5G8I 9A 75GCG
DS5H 71 85F9G 7CB8H9F 85 919A 9F 1 C 5G 75 81.1 mL $$$ ADL 5G 75 1.1 mL $$$ ADL
%1 ! H=NB8F 5 F9 58C 89 9A95CFC 0) aa D6F 4H5 34.1

```



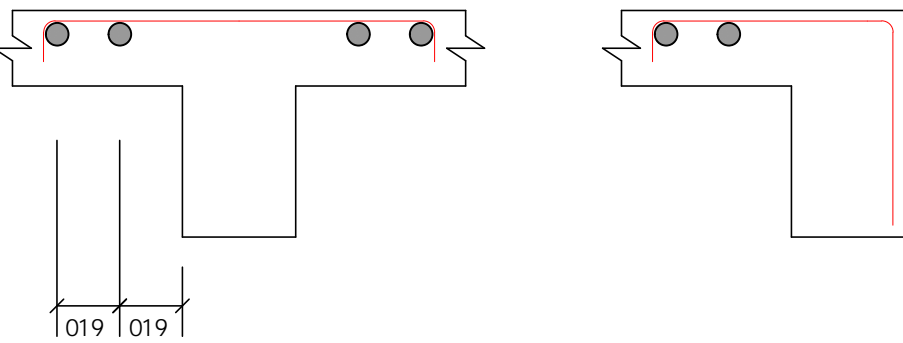
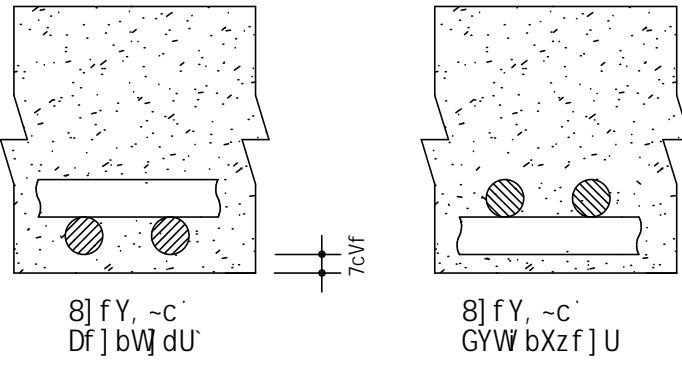
B' \$\$! 5f aUXi f U' bY[ Uh] j U' df] bW dU'

%L



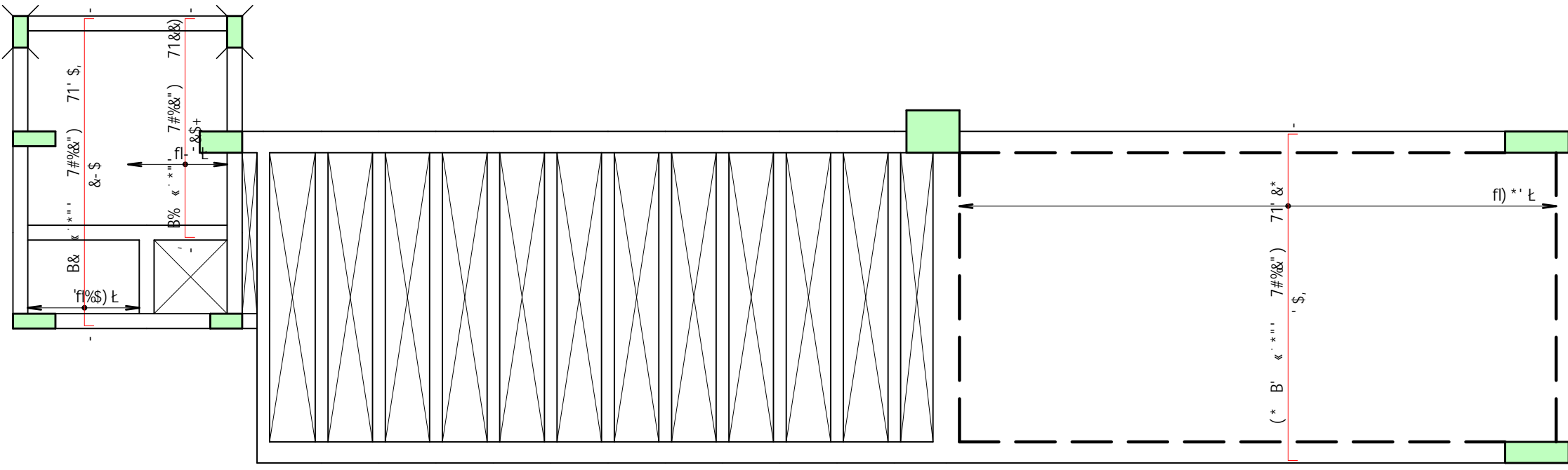
89H5@<9' H&D=7C' 89' : 9FFCG  
89' 8=GHF=6I =uEC' 89  
5FA58I F5' B9; 5H=J 5

8YhU' \Y' [Ybff] Wc' Xc' U' c^UaYbhc  
XY' UfaUXi f Ug' dcg] h] j Ug



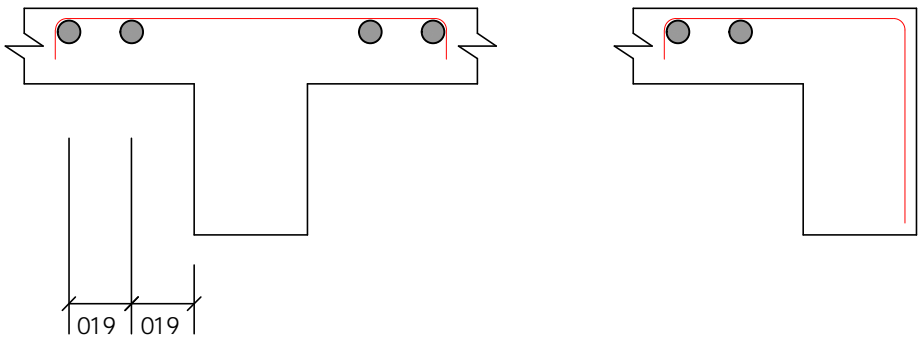
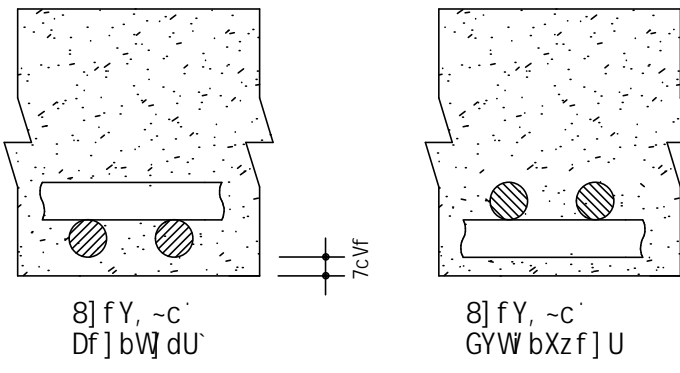
B' \$\$! 5f aUXi f U' bY[ Uh] j U' gYW bXUf] U

%L



89H5@<9' H&D=7C' 89' : 9FFCG  
89' 8=GHF=6I =uEC' 89  
5FA58I F5' B9; 5H=J 5

8YhU' \Y' [Ybff] Wc' Xc' U' c^UaYbhc  
XY' UfaUXi f Ug' dcg] h] j Ug



BCHSG DSF5 7CFF9H5 9L97I uEC' 8C' DFC>9HC'  
% I 7CHSG 9A 79BH&A9HFCQ2 BAJ9-G 9A 79BH&A9HFCG' C BAJ9@ ' \$ ' v 9A F9@5uEC' 5' 5FEI =H9H F5'  
& I 7CB: 9F-F A9B-B5G BC: 8C75@  
" I 7@5GQ9 BC 7CB7F9HC 56BH B6F' -) ' . &\$S- ' 7& ) fL 77' 1' & ) AD5L  
( I A@BI @C 89 9@5G4+7=8589 H5B 9BH9 BC 7CB7F9HC 5CG & 8=5G2' 56BH B6F' \*% . &\$%(  
9' 1' & 2S : DS2 I H=@N5B8C 6F=H5 89 65G5@H'  
) I 7@5GQ9 89 5' F9CG-J=8589 5AG=9BH5@ 9 EI 5@=8589 8C' 7CB7F9HC 89 7=A9BHC DCFH@5B8'  
DCFH@5B8' 89 I B8C' 56BH B6F' \*% . &\$%( v 7& ) 2 5' F9CG-J=8589 AC89F585 9' 7CBGI AC A&B-AC 89  
7=A9BHC 89 I B8C' 5' 56BH B6F' %&' ) . &\$% ) BC A&B-AC & \$ ? I #a ' 9' F9@5uEC a: I 5@7=A9BHC A9BCF'  
CI = I 5@ 5 \$2 \$'  
" I 7@5GQ9 89 7CBG-GH@B7-5' fI@H ADL BC 7CB7F9HC 89 57CF8C 7CA' 56BH B6F' -) ' . &\$S-  
G@S\$ fH&Z I &L'  
+ I C @5Bu5A9BHC 89J9FA 89 I =F' 5G F97CA9B85uE9G' 85G BCFA5G J= aBH9G : 5F5BH-BBC BEC'  
: CFA5uEC 89 B-7CG 89 7CB7F9H5 9A2 5' -CAG 989-8589 69A 7CAC 5@H& 89GAD@B-C BC 7CB7F9HC'  
' I 89J9FA 89F' I H=@N5B8C 9@5u5B8C' 7CA' C' -A 89 : 5F5BH-F C' F97CF-A9BHC 85 5FA58I F5'  
' I H9ADC A&B-AC DSF5 D9FA5B@B7-5' 8CG 9G7CF5A9BHCQ' 9 : CFA5G 85 @5>9 5Hv C 7CB7F9HC  
7CAD@9H5F & ) AD5'  
% I 5 9L97I uEC 85 9@HFI HI F5 89J9FA 89 I =F' 5' 56BH B6F' % ( ' ' % &\$S(2 G5@C 9A 75GCG  
DSFH-7I @5F9G 7CB&H5F 9@H7 75@7I @=G@5'  
%& I F9G-GH@B7-5 8C 5uC 75) \$ I : m. 1 ) \$\$ ADU2 5uC 75' \$ I : m. ' '\$\$ ADU' '  
%& I I H=@N5F 5' F9 58C 89 8=A9B8EC 01%-aa fI@F=H5 %L'

5uC	DCG	6=H	EI 5BH	7CADF=A9BHC
		aa	I B=H	HCH5@
			V@	V@
B' \$\$! 5f aUXi f U' bY[ Uh] j U' df] bW dU'				
	\$5	%	8%	(*)
	\$5	&	8%	(*)
	\$5		8%	(*)
	\$5		8%	(*)
B' \$\$! 5f aUXi f U' bY[ Uh] j U' gYW bXUf] U				
	\$5	%	8%	(*)
	\$5	&	8%	(*)
	\$5		8%	(*)
	\$5		8%	(*)

F9GI AC' 89' 5uC			
5uC	6=H	7CADF	D9GC
	aa	a	I Z
DYgc' HchU'	\$5' 1		, & _ Z

75F57H9F=GH=75G' 85G' CFA5G	75F57H9F=GH=75G' 8C' 7CB7F9HC
7@5GQ9	7@5GQ9
BCA9.	BCA9.
D=BI G	D=BI G

9' 1' 7Y' " 7bhc] bc' &\$ ( &2' G@' \$& I' J' ) U' @ W bXU  
7UadC : f U bXU f A G  
HY' f' " & " ' ) 9& & p - - & ) M' " (&  
Webhbc-fYbhuHcbUfAc' W@a

Hthi' c.  
DFC>9HC' 9GHFI HI F5@ I' 89H5@<5A9BHC' I' HF9' BCJ 5' 5B8F58=B5

H] dc.  
9L97I H=J C

7cbhY+ Xc.  
B' \$\$! 5f aUXi f U' bY[ Uh] j U' df] bW dU'  
B' \$\$! 5f aUXi f U' bY[ Uh] j U' gYW bXUf] U

@cWU' .  
FI 5' K5@H9F' <I 657<9F' % ( ) . 4BCJ 5' 5B8F58=B5@AG

Dfcd] Yhzf] c.  
  
HF] Vi bU' : FY[ ] cbU' ' 9' Y] hcf U' : I' AG  
  
Si hcf U' Xc' df c^Yhc.  
  
FYbhu' NubU' Xc' 5f el ] hmi f U' @@5 I' 75L' -) ' ) I &  
FYgdcgz] Y' HY@W] Wc' dY' U' Yedf Ygu'  
FYbhu' NubU' Xc' I' 75L' -) ( & ( I + 7D' -) ) \*% + ' . \$ \*% ' (

FYgdcgz] Y' hY@W] Wc' dY' U' YI YW' -c' XU' cYf U.

aFYUg.  
afYU' U' gYf' Wcbghf i tXU' hYffYc' I' 8%(2. \$ a  
afYU' U' FYZcfaUf' I' + 2&' a  
afYU' dYfaYz] Y' I' ++2) . a  
HUI U' XY' cW dU' -c' I' &&2' - I  
@bX] W' XY' Udfc] Y] hUaYbhc' I' \$2&&  
afYU' hchU' Xc' : chY' I' % \$S2 \$S a

7ccf X' 9@ [ " 8] c] c' 7Uadcg' Xcg' 5b' cg  
7F95 . AG' 9@8@%  
7D' . \$' + ( ' " ) - I' %&

9gWU' U.  
( ) \$

8UHU.  
% \$ \* # & \$ &

DFUbWU.  
\$ &

5dfc] U' -c

9@C@H5 9B 9B:5F=5 9 7CBGI @HCF=5 D@ H 9I F9C @5J 5& f \$S' D@H % &S' 7@8& % ' ) ' \$ .

