## 

7 Y`YVfUhY`&) 'mYUfg`cZ`DU`a '6YUW\'7ci bhm`\][\'gW\cc` gcZhVU``ž\cbcf]b[ 'W\Ua d]cbg`UbX`ghUbXci h`Uh\`YhYg`Zfca &\$\$`hc`&\$&) "



## 7i ffYbh 7\Ua d]cbg UbX 9a Yf[]b[ GhUfg

 $\label{thm:local-condition} $$H\Y``UhYgh`UXX]h]cb`hc`h\Y`W\Ua d]cbg\]d``Y[UWm`]g`K Y``]b[hcbžk \c`hcc_'\ca Y`h\Y`7`Ugg`+5`h]h`Y`]b`&$&)`k]h\`U`Wca a YbXUV`YfYWcfX`cZ'&'!(ž`WcUW\YX`Vm`FcV`6cfYhh]"`H\Y`hYUa`\Ug`VYYb`Ui XYX`Zcf`]hg`hU`YbhYX`fcghYfž'k\]W\`]bWi XYg`d`UmYfg``]_Y`Hcf] DUmbYž`g\ck WUg]b[`g_]```UbX`XYhYfa]bUh]cb`h\fci[\ci h`h\YgYUgcb"$ 

H\]g`mYUfž'K Y``]b[hcb`U`gc`gYW fYX`h\Y`X]ghf]Wh'h]h`Y`Vm`XYZYUh]b[
\$\d]hYf\": fYg\a Ub`gYbgUh]cb\; fUWY`J Ub8m\_Y`a UXY`U`ghf]\_]b[
]a dfYgg]cb`cb`h\Y`a ci bXž'k\]`Y`9ffmb`@ck Y`XY`]j YfYX`U`ghUbXci h
dYfZcfa UbWY`k]h\`U`h\fYY!fi b`\ca Y`fi b`h\Uh`\Y`dYX`W]bW\`h\Y
k]b\"Gi W\`hU`Ybh`\Ugb h`[cbY`i bbch]WYXž'Ug`bca ]bYYg`Zcf`h\Y
D`UmYf`cZ'h\Y`MYUf`kYfY`gYh'hc`VY`\cbcfYX`Uh'h\Y`DU`a '6YUW\
7ci bhm`7cbj Ybh]cb`7YbhYf`cb`A Um`&, ž`k\YfY`Uh\`YhYg`Zfca '' %
gdcfhg`k]``VY`fYWc[b]nYX`Zcf`h\Y]f`UW\]Yj Ya Ybhg"

@cc\_]b[ '5\YUX

H\Y'DU`a '6YUW\'Dcghg'idWca]b['diV`]WUh]cb'gW\YXi `Y']g'dUW\_YXžk]h\'ZYUhifYg'`]bYX'id'Zcf'VUgYVU``ž'Vcmg'gcWWYfž'[]f`g'gcWWYfž'UbXjUf]cig'VUg\_YhVU``'gYUgcbgž'W'`a]bUh]b[']b'ZcchVU``"'9UW\gY[aYbh'U]ag'hc'Zifh\Yf'WY`YVfUhY'h\Y'f]W\bYgg'cZ'\][\'gW\cc`gdcfhg']b'cif'Wcaaib]hmž'[]j]b['ZUbg'U'Zfcbh!fck'gYUh'hc'h\Y'VYghUbX'Vf][\hYgh'hU`Ybhg']b'h\Y'fY[]cb"

5g'h\Y'DU`a '6YUW\'Dcgh'Wcbh]bi Yg'hc'Yb[U[Y'UbX'Y`Yj UhY'`cWU`\][\'gW\cc``gdcfhgž'h\YfY g'bc'XYbm]b['h\Y'g][b]Z]WUbh']a dUWh h\YgY'Uh\`YhYg'\Uj Y'cb'h\Y'Wca a i b]hm''K\Yh\Yf'h\fci [\'h\Y]f UW\]Yj Ya Ybhg'cf'g\YYf'dYfgYj YfUbWYž'h\Ym'Ya VcXm'h\Y'gd]f]h'cZ DU`a '6YUW\'7ci bhmž']bgd]f]b['h\Y'bYI h'[YbYfUh]cb'hc'U]a '\][\UbX'XfYUa 'V]["'5ZhYf'U``ž'h\YfY g'gca Yh\]b['hc'VY'gU]X'Zcf'h\Y dUgg]cb'UbX'XYX]WUh]cb'h\YgY'mci b['Uh\`YhYg'Vf]b['hc'h\Y'[Ua Y"

cf'U'Zi ```fYWUd'cb'dUgh'ghUhY'W\Ua d]cbg'UbX'hc'`YUfb'a cfY UVci h'h\Y'cb[c]b['ZYgh]j]h]Ygž'W\YW\_'ci h'DU`a '6YUW\'Dcgh fYdcfhg'cb'h\Y'f]W\'\]ghcfm'cZ'gcZhVU```]b'ci f'`cWU`'gW\cc`g'UbX' GhUhYga Ub'Zcf'i dXUhYg'cb'h\]g'mYUf g'D`UmYf'cZ'h\Y'MYUf fYWc[b]h]cb'UbX'a i W\'a cfY"

8 Y hU]`g	
Cfh	DU`a '6YUW\'7cibhmž'l G5
EiY``Yb	• k k k "dU`a VYUW\dcgh"Wca
	• k k k "ghUhY ga Ub "Wca

6 Y gi W Y b 'G | Y 'i b g 'U i Z 'a Y | b ! k | Y b "b Y h