

!!

!"#\$%&'(!%)#*+, &-, #+, &. , #/+&\$0#!

\$%&'()*!%*!+, -./('%*!!

!!

0/*, 1!2'3456!\$%&'()*!%*!+, -./('%*!"\$7+#!\$5/'3!

0/*, 185'34594:4-8), -!

; %3)<!)0=/,)3!

>.) &?)3!@6!ABAA!

!

C5)!\$7+!=%3D), !(%E'*/<F)!(5)!3)G'4), !H; H!\$%3)!\$%&I) (*.)4!/*, !4))D4!H; H!\$%-*. '4/I I 3%G/<4
%E!(5'4!3)G'4), !! %<. 18!J*!3)4I %*4)!(%E)), ?/. D!3).)'G), !E3%&!H; H!\$%-*. '4/(!5)!H; H!H** -/4
&))(*K!'*!L-*)!ABAA6!)=!=%3D), !='(5!(5)!H&)3'. /*!H44%. '/('%*!%E!0. 5%%<'; ?3/3'/*4!"HH0; #!(%!
/&)*, !<*/K-/K)!3)K/3, '*K!H; H!/. .3), '/('%*!!(5)!3)G'4), !<*/K-/K)!4!3)E<). (), !*!(5'4!-I, /(), !
I %<. 1!, %, -&)*@!!

!!

\$%-*. '4(%!/I I 3%G)!ABAA!O)G'4'%*!%E!H; H!\$%3)!\$%&I) (*.')4!%E!; '?3/3'/*45'!'!4))N!!
5((I 4NPP==8/</8%3KP), -./('%*. /3))34P4'()4P/</8%3K8), -./('%*. /3))34PE<)4P.%*()*(PH; H\$%3)\$
%&I) (*.')4>). ABAAQ)34%*8I, E

!"#%&'()*+&,'#!\$%&'()*+&,-./01#(!2' &' .#* ,+3!%+2!(' 4#55' +2,+3!/\$' !%))#4,%/#+6)!*#.,4,')!
(' %/' 2!/#!/\$' !17..!) * 4/(75!#1! 274%/ ,#+!1#(!%..!,-(%(0!%+2!,+1#(5%/ ,#+!)/72,')!*' ()#++' .8!"#1%)7(' !/\$%/
/\$' !%))#4,%/#+!%4/,&' .0!)#.,4,/)!1(#5!,/)!5' 5-' ()!,+1#(5%/ ,#+!%-77!/\$' !4#+2,/ ,#+9!47((' +409!(' .&%+4' 9!
%+2!0*' !#1! 274%/ ,#+!+ ' 4'))%(0!/#!,5*(#&' !47((' +!%+2!17/7(' !.,-(%0!%+2!,+1#(5%/ ,#+!)' (&,4')8!"\$,)!
,+1#(5%/ ,#+! : ,..!-' !)\$%(' 2! : ,/\$!/\$' !; < ; !4#55,/' ' !#+!%44(' 2,/ ,#+9!/\$' !; < ; !5' 5-' ()\$, *!%+2!/)!7+,/)9!
%+2!%., ' 2!*(#1')) ,#+%!.#(3%+,=%/ ,#+)8!"#14##(2,+%/ ' !(' 4#55' +2%/ ,#+)!%+2!*#.4,')!4#+4' (+,+3!
' 274%/ ,#+!* (#57.3%/ ' 2!-0!; < ; !2,&,) ,#+)9!(#7+2!/%-')9!%+2!#/\$' (!7+,/)/#!' .,5,+%/ !4#+1,4/!#(!
7++' 4'))%(0!27* .,4%/ ,#+!%+2!/#! : #(>!4.#)' .0! : ,/\$!/\$')' !7+,/)!/\$(#73\$!/\$' !' 274%/ ,#+!%))' 5-.08!"#!
5% ,+/% ,+14#557+,4%/ ,#+!%+2!(%* *#(/!+%/ ,#+%.0!%+2!,+' (+%/ ,#+%.09!%)!%* *#(,%/ ' 9! : ,/\$!/\$' (!
#(3%+,=%/ ,#+)!4#+4' (+ ' 2! : ,/\$!.,-(%0!%+2!,+1#(5%/ ,#+!)/72,')8!"#1(' *(')' +!/\$' !%))#4,%/#+!+%/ ,#+%.0!
%+2!,+' (+%/ ,#+%.0!/#!#(3%+,=%/ ,#+)!%+2!3' +4,')!#7/),2' !/\$' !1,' .2!#1!.,-(%0!%+2!,+1#(5%/ ,#+!)/72,')!
/\$%!/!(' !4#+4' (+ ' 2! : ,/\$!* (#1')) ,#+%!. ' 274%/ ,#+!%+2!)/%11*(' *%(/ ,#+8!"#1,2' +/,10!+' 2' 2! 274%/ ,#+!
,+/,/,%/,&')!,+!.,-(%0!%+2!,+1#(5%/ ,#+!)/72,')!%+2!/#!\$' .!* (#5#/' !/\$' ,(!%44#5* .,) \$5' +/)!8!"#1,2' +/,10!
' 2' 2!(')' %4\$!4#+4' (+,+3! 274%/ ,#+!1#(!.,-(%0!%+2!,+1#(5%/ ,#+!)/72,')!%+2!/#!\$' .!* (#5#/' !,/)!
%44#5* .,) \$5' +/)!8!"#1%4!%)!%4.' %(+3\$#7)' !#1!,+1#(5%/ ,#+!#+!%!.!%)*' 4/)!#1! 274%/ ,#+!1#(!.,-(%0!%+2!
,+1#(5%/ ,#+!)/72,')9!#(!/\$' !*(#1')) ,#+!%+2!/\$' !*7-.4?%/?.%(3' 8'

! - . ! " # \$ % & ' / & # 0 & * 1 ,
@(8!A%+20!B,())\$!CD\$, (E9!@8!F,5!G8!H' 4+' .9!@8!G.,=-' /\$! ; !H7(+)!9!)8!F%/\$0!D%((#..!CGJ' 47/,&' !H#%(2!
<,%,)#+E9!)8!K' ++,1' (!;)\$. 0!K# 9!)8!A%5%+/\$!; ++! ! ,()#+?@#73\$' (/09!L,+%! ! (/ ,+9!A/' *\$%+, !A8!
M#2(,37' =9!@8!K' ++,1' (!G8!A/' ' . ' 9!@8!"" ((0!<8!N' ' 4\$9!D%))%+2!(!L#(,+!C; DM<!DKD<AIM' *(')' +%/,&' E9!@8!
K#04' !F%5%+!0%.' +=!%C; ; A<!M' *(')' +%/,&' E9! ; 5%+2%!G8!A/%+2' (1' !C<G; LM''!M' *(')' +%/,&' E9!K%,5' !
P#+=%.')!0,4>' (!CD#55,/' ' !;))#4,%/' E9!L' .!P(,5')!CD#55,/' ' !;))#4,%/' E9!@8!N%.' (!H7/' !C; DM<!
M' *(')' +%/,&' E9!F%(' +!Q&%!H' ((0! 4D##.9!K%,5' !P#+=%.' =!0,4>' 9!@8!<%7(%!A%7+2')!C;))#4!1#(!<,-!R!0+1!
A4,!G27!M' *(')' +%/,&' E8!
2%)33'4\$)\$1''5,'
F,5-' (0!<8!M' 22!CA/%11!<,%,)#+E!
<#(' ..! !A: %2' !CS(,5%(0!A/%11!<,%,)#+E!

67%''5'8&9: &1%&; '0<!A%+20!B,())\$9!D#55,/' ' !#+!G274%/ ,#+!CDUGE!D\$%,(!
D#+/%4/T!A%+20!B,())\$!)%+208\$,()\$V)D)78' 27!

=*)3%"'3'/'%"5T!!

\$%-*. '↓(%! / I I 3%G) !ABAA!O) G'4%'*!%E!H; H!\$%3)!\$%&I) () * . ') 4!%E!; '?3/3'/*45'!"4))N!!
5((I 4NPP===8/</8%3KP), -. /('%*. /3))34P4'() 4P/</8%3K8), -. /('%*. /3))34PE'<)4P. %*() *(PH;H\$%3)\$
%&I) () * . ') 4>). ABAAQ)34%'*8I , E#8!!

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,

2: ##)*<,!

"\$' !DUG! : #(>' 2!/#!1,+%,=' !/\$' !(' &,) ' 2!; <; !D#(' !D#5*' /' +4')!%+2!) ' ' >); <; !D#7+4,!.!%*(#&%!#1!/\$,)!
(' &,) ' 2!*#.,408!0+!(') *##+)' !/#!1' ' 2-%4>!(' 4' ,&' 2!1(#5!; <; !D#7+4,!.!%/\$' !; <; !; ++7%.!5' ' /,+3!,+!K7+' !
XYXX9! : ' !: #(>' 2!; ,/\$!/\$' !; 5' (,4%+!;)#4,%/#+!#1!A4\$##.!<,-(%(,%+)!C; ; A<E!/#!5' +2!.%+37%3' !
(' 3%(2,+3!; <; !%44(' 2,/%/#+Z!/\$' !(' &,) ' 2!.%+37%3' !)!(' 1.' 4/' 2!,+!/\$,)!7*2%/ ' 2!*#.,40!2#475' +/8!!

˘ B'.2!1,&'!*7-.4!1#(75)!/#!)#.4,/!1' '2-%4>!#+!/\$'!(' &,) ' 2!2#475' +/!: ,/\$!; <; !D\$%* /' ()!
D#55, /' ' !#+!; 44(' 2,/ /, #+9!<0A!G274%/#)9!%+2!P' +' (%!5' 5-' ()\$, *8!

!

A#4,%.!W7)/,4' !,+!/\$' !,-(%O!4#+/' J/!,+4.72')!/\$' !>+#: .' 23' !%+2!>,..)!+ ' 4'))%(O!1#(!,-(%O!* (#1')),#+%.)!
/#14(' %/' !%+2!)7**#(/!,-(%O!4#..' 4/,#+)9!) (&,' 4')9!*' ()#++' .9!1%4.,/,')9!%+2!*(#3(%5)!/\$%/!1#)/' (!
']7,/,%-.' !%44'))!/#!%+2!*(/,4,*%/,#+!#1%!.!*' #'.' !/#!7)' !/\$' !,-(%O!%+2!,/!)(' #7(4')8!G5-' 22,+3!)#4,%!
W7)/,4' !/\$(#73\$#7!/!/\$' !4#5*' /'+4')!2' 5#+)/(%/)' !/\$%/!,/!,)!+#!/%!),.#' 2!%4/,&,/O9! \$,.' !/\$%&,+3!%)' *%(%/' !
)#4,%.!W7)/,4' !4#5*' /'+4' !%)#(' 4#3+,' =')!/\$%/!,/!4#+/%,+!)7+,]7' !%/!(-,7/)' !#&' (!%+2!%-#&' !/\$' !#/\$' (!
4#5*' /'+4')8!N' !(' 1' (!/#!; < ; f)!%.('%20!2' &' .#*' 2!2' 1,+/,#+)!1#(!' 17,/09!2,&' (),/O!%+2!,+4.7),#+8!

! "\$' !; < ; DD)!(' !)*' 4,1,4!/#!,+2,&,27%!.!,-(%O!* (#1')),#+%.)9!:' \$' (' %)!/\$' !; < ; !; 44(' 2,/,/#+!
A/%+2%(2)!)*' 4,1,4%.0!%22(')!<0A!)4\$##.!)%+2!*(#3(%5)!/\$%/!4#+1' (!5%)/' ()!2' 3(' ')8!U/\$' (!)/%+2%(2)!
/\$%/!%(' !(' .%/ ' 2!/#!/\$' !; < ; DD)!%+2!; < ; !; 44(' 2,/,/#+!A/%+2%(2)!,+4.72' !Q^< ; !P7,2' .,+')9!; ; A<A/%+2%(2)!
1#(10+/,%,!S(' *%(%/,#+!#1!A4\$##.!<,-(%(,%+)9!%+2!#/\$' (!#(3%+,=%/,#+)f!>+#: .' 23' !%+2!4#5*' /'+4O!
)/%+2%(2)8!

C\$1%''*<,'

B,)/#(O!#1!/\$' !; < ; DD)!; < ; !\$' .2!/\$' ![]/ID#+3(')!#+!S(#1')),#+%.!G274%/#+!,+!; *(!,[ggg!,+!N%)\$,+3/#+9!
@D9!:' ,/\$!%1#47)!#+!,+/,%,!*(' *%(%/,#+!#1#(1/\$' !*(#1')),#+8!"\$' !D#+3(')!4#+4.72' 2!:' ,/\$%!
(' 4#55' +2%/#+!/#!/\$' !; < ; !GJ' 47/,&' !H#%(2!/\$%/!; < ; !c@' 1,+ ' !/\$' !A4#*' 9!D#+/' +!/%+2!O%.7')!#1!/\$' !
S(#1')),#+d!/\$(#73\$!/\$' !1#..#:' ,+3!)/' *)T![E!4.%(,10!/\$' !4#(' !&%.7')!C4(' 2#E!#1!/\$' !*(#1')),#+Z!XE!2' +/,10!
/\$' !4#(' !4#5*' /'+4,')!#(1/\$' !*(#1')),#+Z!_E!2')4(-' !/\$' !4#5*' /'+4,')!#1!/\$' !3' + ' (%.,)!#1!/\$' !17/7(' Z!
%+2!bE!3,&' !*(%/,47.%(1%//' +/,#+!/#!2,&'),/O9!,+4.72,+3!57./,.,+37%.9!57./,' /\$+,4!%+2e#(157./,47./7(%!
4#+),2' (%/,#+)9!*(#3(%5)!%+2!' (&,' 4')9!%+2!7**#(/!#(!)' *' 4,%!+ ' 2)!%+2!/\$' !7+2' ()' (&' 28!; !D#(' !
D#5*' /'+4,')!''%)>!^(#4' !: %)!4(' %/' 2!/\$' !)%5' !0' %!(%+2!/\$' !1,)/!@(%!1!A/%' 5' +!-' 3%+!4,(47.%/,+3!,+!
XYYY8!0+!XYXX9!/\$' !D#55,/' ' !#+!; 44(' 2,/,/#+!CDU; E!%+2!/\$' !D#55,/' ' !#+!G274%/#+!CDUGE!:' (' !
/%)>' 2!:' ,/\$!1#(5,+3!%!W#,+!%2!\$#4!%)>!1#(4' !/#!1%4.,./%/' !-(#%2!2,)47)),#+!#1!/\$' !2(%!1!2#475' +!/%+2!
*('%(%/,#+!#1%1!,+%12#475' +!1#(14#+),2' (%/,#+!-0!/\$' !; < ; !D#7+4,8!; !M' &,' 2!@(%!1!A/%' 5' +!#1!D#(' !
D#5*' /'+4,')!:' %)!4#5*' /' 2!K7.0!XYXh!:' ,/\$!%+!,+/(#274/#+!+#!,+3!/\$%/!/\$' !4#5*' /'+4,')!%(' !/\$#)' !
c' J*' 4' 2!#1!%+!:' .073(%27%/ ' 2!)/72' +!1!(#5!%!* (#3(%5)!#1!,-(%O!%+2!,+1#(5%/#+!)/72,')d!/\$%/!c(' 1' 4!
/\$' !>+#: .' 23' !%+2!>,..)!#1!%- ' 3,+,+3!3' + ' (%.,)!/!,-(%(,%+d8!DU; !/\$%2!4#+),2' (%-' !1' ' 2-%4>9!%+2!/\$' !
A/%' 5' +!(' 5%,+ ' 2!,+!%12(%!1!)/%/' !7+2' (3#,+3!(&.),#+!1#(!!+75-' (!#1!0' %)8!<0A!G274%/#+!:' %)!!
1#47)!#1!-#/\$!XYXh?XYXi !; < ; !S('),2' +!1! ,4\$%' !P#(5%+!%+2!XYXi ?XYX\!; < ; !S('),2' +!/<'),.' !H7(3' (!
(')7./,+3!,+!/\$' !)/%-.,)\$5' +!/#1!%+!:' !%2!\$#4!''%)>!^(#4' !#+!<,-(%O!G274%/#+!,+!XYXi 8!''%)>!^(#4' 9!
4\$%,(' 2!-0!@!8!D%(!B%02' +9!:' %)!4\$%(3' 2!/#!1-(!,+3!%..!)/%>' \$#.2' ()!,+!,,-(%O! 274%/#+!/#3' /\$' (!1#(!%!
1#47)' 2!%+2!2' 1,+ ' 2!*' (#2!/#!4(' %/' !%!)' (')!#1!%4/#+%-.' !(' 4#55' +2%/#+)!/#! +)7(' !/\$%/!,-(%O!%+2!
,+1#(5%/#+!)4,' +4' !' 274%/#+!* (#3(%5)!*(#274' !,-(%(,%+!:' \$#!7+2')/%+2!/\$' !4#(' !&%.7')!#1!#7(!
(#1')),#+!%+2!##))!/\$' !4#(' !4#5*' /'+4,')!#1!/\$' !*(#1')),#+!+ ' 2' 2!/#!:' #(>!,+!/#2%0f)!,,-(%(')8!''\$' !
@(%!1!D#(' !D#5*' /'+4,')!@#475' +!/: %)!/!(+%)1' ((' 2!/#!/\$' !,-(%O!G274%/#+!''%)>!^(#4' !%!)!*(%!/#1!/\$' !
4757.%/,&' !>+#: .' 23' !%+2!%!)!%!)%(/,+3!#*,+!1#(1/\$' ,(!: #(>8!

A7-5,/' 2!-0!@!8!A%+20!B,())\$9!D\$%,(!D#55,/' ' !#+!G274%/#+!