

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

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!"#!\$%&' () *%+! \$#

#

\$%&' ((*%+!.>!8' &*!+' !' ?&!) .>.' %!-%@!.) 1' &+-%+!+' !+9*!?%.A*&>.+B>!D.%-%8.-(!9*-(!9!
F -%.%./!>+-*!>?11' &+!9->!*@!" #!+' !&(B!%!>?@*%+!*%&' ((*%+>!-%@!+9*!-> ' 8.-+*@!+?.+ ' %!
&*A*%?*>E!2.%-%8*>!->@*!>#>!-; .(+B!+' !-++&-8+&*+-.%!-%@!/ &-@?-+*!#(->G-%>!.>!8*%+&-(!+' !
+9*!?%.A*&>.+B>H.+9!

8*&+-.%!

DD' &+>!) ' &!@*A*(' 1*!-+!' %*!' &) ' &*!8-) 1?>*>E!M*8-?>*! D!+9.>+9*!?%.A*&>.+.*>C!
&*>1' %>*>!+' !+9*!.%D' &) -+. ' %!+9-+!D' ((H>H.((!; *!@.8-+*@!; B!H9*&*!+9*B!-&*! ' %!+9.>!
8' %+.%??) E!2' &!*N-) 1(*!#2!9->!-(&*!-@B!8' %>.@*&*!+>!*%&' ((*%+!/' -(>D' &!+9*!%*N+!D.A*!
B*-&>E!L9*!+.) *!+9*B!%**@!+' !@*A' +*!+' !+9.>!8') 1' %*%+!H.((!; *!(*>+9-%!1*&9-1>!" ##!-%@!
" #7E!7.) .(-&(B<" #!9->!/ A*%!+9' ?/9+!+' !9' H!+9*B!) ./9+!' &/-.0*!+' !) -N.) .0*!+9*.&!*DD' &+>!
-+!) -%-/.%!/!+9*.&!*%&' ((*%+>!-%@!" #7!9->!1&' A.@*@!

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" #!\$%&' (() *%+!, (-%.%./!0*1' &+!
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- \$%&' (() *%+!-+!-%B!?%.A*&>.+B!.>!-!(' %/!+*&) !.>>?*!'' %.A*&>.+.*>!@' !%' +!/-.!%' &!@' !
+9*B!(' >*!%&' (() *%+>!' A*&%./9+!R' >>*>!' D+*%!9-11*%!' A*&!-!>?>+-.%*@!1*&.' @!' D!
+.) *!D' &!-!A-&. *+B! D!8') 1(*N!-%@!>') *+.) *>!.%+*&8' %%*8+*>!*->' %>!R' >>*>!8-%!
' 88?&!-) ' %/!>') *!>+?@*%+!>*/) *%+>`; ?+!%' +!'+9*>#!#+!'' #!' A*&-((!*&%' (() *%+!
@*8(.%*!>!9-A*!; **%!' ; >*&A*>!.%8*!D-(!3455!U*+` A*&!+9.>!+.) *!+9*&*!9-A*!; **%!
.%8&*>*>!.%!>') *!>+?@*%+!1' 1?(-+. '%>S!+9*!2-.& -%G>!8-) 1?>!9->!.%8&*>*@!
9*->8' ?%+!; B!-() ' >+!Q

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

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!!!#4' 56' \$-\$%2#%' #*' \$2+(-&#\$#*. 56)2#-\$& //5-\$%#6/. \$2#

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7"# 8-%%+\$9#-\$& //5-\$%#9' . /2"!!" %.A*&>.+.*>!) ?>+!9-A*!H*((!@*D.%*@!/' -(>D' &!*&%&' ((*%+!
; *D' &*!.%A*>+.%/!.) *!-%@!&*> ' ?&8*>!%!+9*.&!*&%&' ((*%+!>+&-+*/.*>[!L9*!1&*A-.(%/!
+*) 1+-+. ' %!.>!+' !; */.%!*&%&' ((*%+!1(-%.%!/!-+!+9*!+-8+.8-(!>+-/*[!F 9*%!*&%&' ((*%+!@*8(.%*>

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7-.89.!: ; -<#=, <7\$7!
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.%+-G*!1&' 8*>>!.%!-%!*DD.8.*%+!-%@!1&' D*>>. ' %-(!) -%%*&E!L9.>!9./9!+*89!' &!9./9!+' ?89!
^*\$(*'3%)3!-11&' -89!.%!+9*!.%.+.-(!*%/-/*) *%+!H.+9!+9*I>+?@*%+!H' ?(@!-%>H*&!+9*.&!
P?*>+. ' %>4-@@&*>>!8' %8*&%>4-%@!> '(A*!'; '-&@.%/!.>>?*>!!!L.) *!) ./9+!; *!+9*!) ' >+!
1&8.' ?>!8')) '@.+B!+' !8' %>.@*&H9*%!H' &G.%/!H.+9!+9*I&*+?&%.%/!-@?(+!>+?@*%+!L' !
D.%@!>1*8.-(.0*!%.%+-G*!+&-.%.%/4" #!) ./9+!(' G!+' !.%@?>+&.*>!' ?+>.@*! D!9./9*&!*@?8-+'. %!
>?89!->!9' >1.+-(.+B!' &!; -%G.%/E!!

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#%!*N-) 1(*'! D!-!H*; !>.+*!@*>./%*@!+' !9*(1!&*+?&%.%/!>+?@*%+>!8-%!; *!D' ?%@!9*&*S!

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3E C&. \$2E-&# E#*&- (+%E*&- (+%E' &+' &#/-. &\$+\$9#. \$ (#-N6-&+-\$*-!#@?(+>!H.+9!>') *!

7-.89.! : ; -4#=, 47\$7! f
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L9*!D' ((H.%/!&*8')) *%@-+. ' %>!-&*! DD*&*@!->B>+*) .8!.%.+-A*>+9-+!H' ?(@!>?11' &!
*%&' ((*%+!-8&' >!! "#E!L9*!&*8')) *%@-+. ' %>; * /.%!H.+9!+9*!A*&B!>1*8.D.8!!+&/*+*@!+! 9*!
*%&' ((*%+!-8&' >!! "#E!L9*!&*8')) *%@-+. ' %>; * /.%!H.+9!+9*!A*&B!>1*8.D.8!!+&/*+*@!+! 9*!
*%&' ((*%+!-8&' >!! "#E!L9*!&*8')) *%@-+. ' %>; * /.%!H.+9!+9*!A*&B!>1*8.D.8!!+&/*+*@!+! 9*!

&*8&?.+) *%+!-8&?@!%>H.+9!; & -@! A*&-89.%/!+9' ?/9+>D' &+9*!, &*>. @*%+!+! 8' %>. @*&E!!

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#%!.%A*>+) *%+!%.!6&- (+*%+3-#. \$. ./?%*2!H' ?(@!9*(1!+9*!%A*&>.+.*>; *++*&!.@*%+.DB!9' H!
(.G*(B!>+?@*%+>H.((!1*&,>+!-%@!&*) -.%-+!+9*!%A*&>.+B!E!!L9*+>B>+*) >-(>'
) ' &!*!-88?&-+*(B!.&*%.DB!>+?@*%+>H9' !-&*!-+&.>G! D!1' ' &!/&-@*!--%@!& 1' ?+E!!
] *' &/.-!7+-+*!%.A*&>.+B!`] 7" b!' DD*&>!-!8') 1*((.%!/8->*!D' &+9*!) *+.+>! D!>.%!/1&*@.8+.A*!
-%-(<+.8>!+! 9*(1!+&-%>D' &) !-!?.A*&>.+B!E!] 7" !9->!@&-) -+.8-((B!.) 1& A*>+?@*%+>?88*>!
&+*+>! A*&+9*!1->+!@*8-@*!; B!.) 1(*) *%+!.%/!>A*&-(!.%.+-A*>!.%8(@/.!+9*.&1&*@.8+.A*!
-%-(<+.8>!+! 9*(1!+&-%>D' &) !-!?.A*&>.+B!E!] 7" !9->!@&-) -+.8-((B!.) 1& A*>+?@*%+>?88*>!
] 7" (>!.NIB*-!&/&-@?-. ' %!&+*!9->!.%8&*->*!D' &) !_3!1*&8*%+!.%!344_!+!Qd!1*&8*%+!.%!
345d!\\?&.%/!+9*!>-) *!1*&.' @!] 7" !9->) -@*!-!8' %8*+&*!DD' &+!+! .%8&*->!*%&' ((*%+!D' &!
+&-@.+. ' %-(B!?)@*%&A*>+?@*%+>E!O*) -&G-; (B!+9*!>9-+*!D!] 7" !>+?@*%+>H9' !-&*, *(!
(./.; (!%*-&(B!@?; (*@D&) !_5!1*&8*%+!.%!344_!+!Qg!1*&8*%+!.%!345_!

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] 7" !H' &G*@!H.+9!\$#M!D' &) *&(B!+9*!\$@?8-+. ' %!#@A.> ' &B!M' -&@b!+! !) .%*!] 7" (>!@-+!-%@!
/*%*-+*!&*-!(+) *!-(*&+>D' &!>+?@*%+>!-+!&.>G! D!D-((.%!/ DD!+&-8G!-8-@*) .8-((B!E!L9.>H->!%' !
>) -(!%?@*%&+G.%/!-%@!&*P?.&*@!>?; >+-%+.-(!.A*>+) *%+! D!+.) *!) ' %*B!-%@!1*' 1(*![] 7" !
-%-(<+.8>!+! 54!B*-&+! D!@-+! A*&+3EQ!) .((. ' %!/&-@*!>D' &ldd<444!>+?@*%+>D!+! 9*(1!@*A*(' 1!+9*.&!
) ' @*(!H9.89!+&-8G>_4<444!>+?@*%+>!@-.(B!-%@!@*(A*&>! A*&lg44!-%-(B+.8>!; ->*!-(*&+>E!
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" #!-(&*-@B!.%A*>+>8' %>. @*&-. (*!&*> ?&8*>!.%.!+*89%' (' /B! .E*E!M-%%*&D(-8G; ' -&@!-%@!
/&*!F' &G>b!+9-+!8-1+?&*!@-+! ' %! ' ?&!>+?@*%+>E!L9*!%*N!>+*1!D' &!#>+! !*DD*8+.A*(B!
9-&%*>+!9-+!@-+!-%@!1?+!.+!+! H' &G!; B!.%8&*->.%/!8')) ?%8-+. ' %!; *+H**%!D-8?(+B<
-@) .%.>+&+! >!-%@!>+?@*%+>E!7?89!8')) ?%8-+. ' %>@*(A*&*@!.%.!&*-!(+) *!(*>+?@*%+>!
G% ' H!N-8+(B!9' H!+9*B!-&*!@' %.!-%@!D!%**@*!@!H9-+!&*!>? &8*>!-&*!-A-.(-; (*!+! G**1!+9*) !
' %!&-8G!7?89!%.+&?>A*! ' &1& ' -8+.A*!) *->?&*>!-((' H!>+?@*%+>?11' &+!+! ' ; *!+&+*!-%@!
8?>+!) .0*!+! ') **+!9*!%**@!>D!.%@.A.@?-(!>+?@*%+>!>+! 9-+!8-) 1?>*!8-!) ' &*!DD*8+.A*(B!
) ' %.+' &+9*.&!1& ' /&*>E!!

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4' \$%+\$) -#%' #+\$3-2%#\$. \$(#5. K-#. (3+2+\$9#2%&' \$9-&#. %#-. *; #) \$+3-&2%?E!L*89%' (' /B!-(' %*!
H.((!%'+!> (A*!-((!+9*!.>?>!&*!(-+*!+! !&*+*%+. ' %! ' &1*&>.+>+*%8*!J%8&*->*!>?11' &+!D' &!

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d!: %!1-/*>!5d! 15Q!.>+! D!1*&(. .%-&B!.%A*>+) *%+>!.@*%+.D. *@!; B!+9*!%A*&>.+.*>!-!1-&+! D!+9*!
*%&' ((*%+!>?) .+!@>8?>.' %>!

g

7-.89.! : -d#=, d7\$7!

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

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-@A.>.%/!-%@!D' &!-@A.>' &>!H->!-!+9*) *!' D!+9*!?.A*&>.+B!*%&' (() *%+!>?)) .+>[!#%.%A*>+) *%+!
.%! ((+%+' \$. /#. (3+2' &2!+&- .%*@!.%!+9*!?>*!' D!1&*@.8+.A*!+*89%' (' /.*>!H' ?(@!9*(1!" #!; *++*&!>*&A*

7-.89.!: ; -<#=, <7\$7! Y
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" #!\$%&' (() *%+!, (-%%.%/!0*1' &+!
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" #!\$%&' ((*%+!, (-%.%./!O*1' &!
!"#\$%&'() "*\$+, "!!2-((!3456!

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-@) .++*@[!L9?>!-!>+?@*%+!-@) .++*@[!+9*!W?>G' GH.) !X-) 1?>!8-%!&?%!H9-+!.D!>8*%-&. ' >
D' &!W?>G' GH.) <-%@!-((!'+9*&!#2!8-) 1?>*>E!M?+!+9-+!>-) *!>+?@*%+!8' ?(@!%'+!*->(B!&?%!
. -20!'8!>8*%-&.' >!D' &!1&.' /&-) >!-+!" ##!' &!#7!8-) 1?>*>E!MB!*N1-%@.%/!+9*!8-1-; .(+B!' D!
?3)%33"# \$%&5!+' !8' %>.@*&!-((!@*/&**>!-+!" #d>+?@*%+>!H.((!; *!-; (*!+!N1(' &!*!-%@!.@*%+.DB!
) '&*!' 1+.' %>!?%@*!&H9.89!+9*B!) ./9+!8') 1(*+*!-!@*/&**!E!

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C&. *K#DP?-.. 	&. () .%+' \$#&. %-2#. \$(#&-%-\$%+' \$#&. %-2#E' &#. //#/!. 22-2# E#E' &5. //?#. (5+%--(#
(-9&--#2--K+\$9#2%) (-\$%2"!" #!-(&*-@B!+&-8G>!6IB*-&/&-@?-+.' %!&-+*>!-%@!D&*>9) -%!
&*+*%+. ' %!&-+*>E!C' H*A*&+9,>!8-1+?&*>!' %(B!-!1' &+. ' %!' D!+9*!*&' ((*%+!; *9-A.' &!' D!' #C!
>+?@*%+>E!M*D' &*!+9*!?.A*&>.+B!8-%!-@@&*>>!*+*%+. ' %!-%@!/&-@?-+.' %!H*!%**@!+!9-A!*+9*!
@-+-!+!' D?((B!?%@*&>+-%@!9' H!-((!D' ?&I>+?@*%+>ID(' H!+9&' ?/9!' &!@&' 1!' ?+!' D!+9*!>B>+*) E!

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C; -#OEE+*-#" E#H*. (-5+*#HEE. +&2#

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

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(' %/|+*&) !-11&' -89!&*P?.&*>!&*>' ?&8*>!(*-@*&>9.1!-%@!1*&9-1>!) ' >+!' D!-((!-!>+*-@]->+!
8') .+) *%+!+' !.) 1&' A.%/!-((!->1*8+! D!>+?@*%+!*%&' ((*%+!-+!+9*!%" %.A*&>.+B!' D!#(->G-!!

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O' 3"#7[!#: \7]! L9.>!@&-D+!1(-%!H.(!; *!>9-&*!@!H.+9!+9*!8-) 1?>!(*-@*&>9.1D' &!.%1?+

7-.89.!: ; -d#=, d7\$7!5_
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VHHI#VHQ#Z#VH8#/+2%" E#6&-/+5+\$. &?#\$3-2%5 - \$%2%" #\$*-&-. 2-#-\$&' //5-\$%"					
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V\$+3-&2+?#	!\$+%. %+3-`G-a) -2%"	G-%-\$%t' \$!# G-*&) +%5-\$%!# 4' 56/-%t' \$#	H5') \$%"	b-&2' \$\$-/#	Y. 2-#

" ##! \\\\ A*' 1!-!H*((!
.%.+*/&-+*@!-@A.>.%/!
>+&-+*/B!+9-+!; ?.(@>!
D&') !&*P? &*@!
-@A.>.%/a' &.*%+-+. '%!
D' &D.&>+!+.) *!>+?@*%+>!

" #!\$%&' ((*%+!, (-%.%/!O*1' &!
!"# \$%&'() "*\$+, "!!2-(!3456!

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V\$+3-&2+%?! !\$+%+. %+3-` G-a) -2%! G-%-\$%+' \$|#

7-.89.!: ; -<#=, <7\$7!50
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