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*! "#$#%!&'(&) *%+,%-./0)1+',2%3',04,1&)1+',%+,%5640+)7%-./0)1+',%85640+)7%-./0)1+',%* ('

*! "#$#%!&'(&) *9%:::#:::::::#'

)*+,-+$%'.+/-0$1'2222222222222222222222222222222222222222222222222222222222222222222222222222' ('

3*45+*1'.+/-0$1'2222222222222222222222222222222222222222222222222222222222222222222222222222666' 7'

8#$*+#/%'!*4$%*4+22222222222222222222222222222222222222222222222222222222222222222222222222226' 9'

:,54&&4"#'3*"/%&&22222222222222222222222222222222222222222222222222222222222222222222222222226' ;'

:,54&&4"#&'<%/4&4"#&'22222222222222222222222222222222222222222222222222222222222222222222222226' ='

>454#?'"@':,54&&4"#'22222222222222222222222222222222222222222222222222222222222222222222222222' AB'

3K6<6'3EC)E:G'ℕR'8<S!:>ℕCR'JℕT':'
!CR!8R>E:>ℕCR'ℕR'L38!ℕ:U'8<S!:>ℕCR''
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'' #$%& ' #!(&!()#!*+#%,-$!./0%-(,&1!2)343!25&65- ' !-(!7$/!4& ' ,1,&1!81,9#5:,(;<!
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'' #!-5#!/#$,6)(#/!()-(!;&0!)-9#!=&,1#/!&05!$#-51,16!%& ' ' 01,(;3!!>)#!=&051#;!()-(!;&0!)-9#!

*! "#$#%!&'(&) *%+,%-. /0)1+',2%3',04,1&)1+',%+,%5640+)7%-. /0)1+',%*

*85640+)7%-. /0)1+',%! "#$#%!&'(&) *9%*

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>)#!:+#%,-$!#/0%-(,&1!2)34³!+5&65- ' !,:!/#:,61#/!(&!-//5#::!()#!-%0(#!:)&5(-6#!&B!/&%(&5-$!$#9#$!

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3!T#5!5#:#-5%)!6&-$:!,1%$0/#!(#-%)#5!
-1/!+-5#1(!#/0%-(,&1!(&!, ' +5&9#!&0(%& ' #:!B&5!%),$/5#1!A,()!$#-51,16!-1/!# ' &(,&1-$!
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!,:!-!+5&B#::&5!&B!:+#%,-$!#/0%-(,&13!*)#!#-51#/!)#5!/&%(&5-(#!-(!V#&56#!
2#-?&/;!J&$$#6#!&B!K-1/#5?,$(!81,9#5:,(;!,1!Z-:)9,$$#L!>Z3!453!T#:(#5!,:!%&1:,/#5#/!&1#!&B!()#!
(50#!#C+#5(:!,1!#-5$;!,/#1(,B,%-(,&1!-1/!+5#9#1(,&1!&B!# ' &(,&1-$G?#)-9,&5-$!/,:&5/#5:3!25,&5!(&!
%& ' ,16!(&!7$/!4& ' ,1,&1!81,9#5:,(;L!:)#!:#59#/!,1!?&()!-!%$,1,%-$!-1/!5#:#-5%)!%-+-%,(;!-(!()#!
S#6,&1-$!M1(#59#1(,&1!25&65- ' L!-1!,1(#51-(,&1-$$;!5#%&61,E#/!+-5#1(!, ' +$# ' #1(#/!+5&65- ' !,1!
A),%)!+-5#1(:!$#-51#/!(&!A&5@!/,5#%($;!A,()!()#,5!&A1!%),$/5#1!A,()!?#)-9,&5-$!/,:&5/#5:L!
$-160-6#!/#$-;:L!-1/G&5!&()#5!/#9#$&+ ' #1(-$!/#$-;:3!M1!-//,(,&1L!:)#!A-:!-! ' # ' ?#5!&B!()#!
5#:#-5%)!B-%0$(;!-(!K-1/#5?,$(!81,9#5:,(;!A)#5#!:)#!-1/!)#5!%&$$#-60#:!,19#:(,6-(#/!$-160-6#!
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B-%,$,(-(,16!%),$/!:&%,-$!%& ' ' 01,%-(,&1!:@,$$:L!-1/!()#!5&$#!&B!()#!%),$/0:!%& ' ' 01,%-(,&1!+-5(1#5:!
_(#-%)#5:G+-5#1(:G!+##5:G&()#5:`!,1!#1)-1%,16!()#!%),$/0:!+&:,(,9#!:&%,-$!,1(#5-%(,&1:!-1/!
%& ' ' 01,%-(,&1!:@,$$:3!T#5!5#:#-5%)!),6)$,6)(:!()#!65#-(!, ' +&5(-1%#!()-(!#-5$;!,/#1(,B,%-(,&1!-1/!
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L! !,:!-1!-::,:(-1(!+5&B#::&5!&B!:+#%,-$!#/0%-(,&13!*)#!%055#1($;!:#59#:!-:!
()#!25&65- ' !J&&5/,1-(&5!B&5!()#!I/-+(#/!J055,%0$0 ' !Q*.4!25&65- ' 3!453!T&51!#-51#/!)#5!
/&%(&5-$!/#65##!,1!:+#%,-$!#/0%-(,&1!B5& ' !7483!*)#!#-51#/!)#5!' -:(#50:!/#65##!,1!:+#%,-$!
#/0%-(,&1!A,()!5#:#-5%)!# ' +)-:,:!-(!748!-:!A#$$L!-1/!)#5!?-%%-$-05#-(#!,1!:+#%,-$!#/0%-(,&1!
B5& ' !S-/B&5/!81,9#5:,(;3!453!T&51!:(-5(#/!,1!()#!B,#$/!&B!:+#%,-$!#/0%-(,&1!-:!-!),6)!:%)&&$!
+-5-#/0%-(&5!?#B&5#!?#%& ' ,16!-!%#5(,B,#/!:+#%,-$!#/0%-(,&1!(#-%)#53!*)#!A-:!# ' +$&;#/!-:!-!
:+#%,-$!#/0%-(,&1!(#-%)#5!,1!>#C-:L!Z#9-/-L!-1/!K,56,1,-L!)-9,16!()#!&++&5(01,(;!(&!A&5@!A,()!
#$# ' #1(-5;!-1/!:#%&1/-5;!:(0/#1(:!A,()!9-5,&0:!/,:-?,$,(;!/,-61&:#:!,1!,1%$0:,9#!-1/! ' &5#!
5#:(5,%(,9#!#/0%-(,&1-$!:#((,16:3!453!T&510:!5#:#-5%)!,1(#5#:(:!-5#!(A&B&$/3!T#5!B,5:(!-5#-!&B!
5#:#-5%)!,1%$0/#:!:+#%,-$!#/0%-(,&1!(#-%)#5!-1/!+-5-#/0%-(&5!+5&B#::,&1-$!/#9#$&+ ' #1(!_24`L!
A,()!-1!# ' +)-:,:!&1!#J&-%),16!A,()!?06H,1H#-5!_UM.`!(#%)1&$&6;3!T#5!:#%&1/!-5 ' !&B!5#:#-5%)!
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T&51!)-:!+5#:#1(#/!-(!1-(,&1-$!-1/!,1(#51-(,&1-$!%&1B#5#1%#:!-1/!)-:!+0?$,:)#/!-5(,%$#:!,1!
+5&B#::,&1-$!=&051-$:3!*)#!%055#1($;!:#59#:!-:!-!%&1:0$(,16!#/,(&5!B&5!25#9#1(,16!*%)&&$!N-,$05#!
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#-51#/!)#5!/&%(&5-(#!/#65##!B5& ' !()#!J&$$#6#!&B! " ,$$,- ' !f!Q-5;!,1!./0%-(,&1!2&$,%;L!2$-11,16L!
-1/!W#-/#5:),+!A,()!-1!# ' +)-:,:!,1!*+#%,-$!./0%-(,&1!I/ ' ,1,:(5-(,&1-1/!)#5!' -:(#50:!/#65##!
,1!I++$,#/!U#)-9,&5!I1-$;:,:!B5& ' !*(3!J$&0/!*(-(#!81,9#5:,(;!,1!Q,11#:&(-3!!25,&5!(&!=&,1,16!()#!

B-%O$(;!-(!748L!453!W-;/#1!A&5@#/!,1!'0$(,+$#!:%)&&$!/,9,:,&1:!B&%0:,16!&1!%)-$$#16,16!?#)-9,&5!
-1/!%),$/5#1!A,()!-0(,:'!:+#%(50'!/,:&5/#53!!*)#!A-:!-$:&!()#!-::,:(-1(!/,5#%(&5!&B!(5-,1,16!-(!
()#!I0(,:'!J#1(#5!B&5!.C%#$$#1%#!-(!K,56,1,-!J&''&1A#-$()!81,9#5:,(;3!!453!W-;/#10:!5#:#-5%)!
,1(#5#:(:!B&%0:!&1!-0(,:'!:+#%(50'!/,:&5/#5L!#-5$;!%),$/)&&/!#/0%-(,&1L!+&:,(,9#!?#)-9,&5!
:0++&5(:L!-1/!+5&9,/,16!#BB#%(,9#!+5&B#::,&1-$!/#9#$&+'#1(!B&5!:%)&&$!+#5:&11#$3!!

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3L!,:!-!+5&B#::&5!&B!#-5$;!%),$/)&&/!-1/!:+#%,-$!#/0%-(,&13!!T#!#-51#/!
),:!./343!B5&'!()#!81,9#5:,(;!&B!K,56,1,-!-1/!)-:!:#59#/!&1!()#!B-%0$(;!-(!()#!81,9#5:,(;!&B!
K,56,1,-!,1!?&()!()#!J&$$#6#!&B!./0%-(,&1!-1/!()#!J&$$#6#!&B!Q#/,%,1#3!!T#!?#6-1!),:!%-5##5!,1!
#/0%-(,&1!-:!-!()5/!65-/#!(#-%)#5!-1/!)-:!(#-%),16!#C+#5,#1%#!,1!6#1#5-$!#/0%-(,&1!-1/!,1!
:+#%,-$!#/0%-(,&13!!453!>&1#$:&1!)-:!+0?$,:)#/!10'#5&0:!-5(,%$#:L!'&1&65-+):L!-1/!?&&@!
%)-+(#5:!-//5#::,16!()#!#/0%-(,&1!&B!%),$/5#1!-(!5,:@!-1/!%),$/5#1!A,()!'$/!/,:-?,$,(,#:!-1/!
()#,5!B-'$,#:3!!T#!)-:!5#%#,9#/!-$'&:(!

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X3 25&&B!&B!-!%& ' +$#(#/! ' -:(#50:!/#65##!,1!:+#%,-$!#/0%-(,&1!&5!-1!#D0,9-$#1(!/#65##!,1!-!
5#$-(#/!/,:%,+$,1#!B5& ' !-!+5&65- ' !() -(!,:!-%%5#/,(#/!?;!-1!-++5&+5,-(#!:+#%,-$,E#/!
-%%5#/,(,16!-6#1%;!&5!B5& ' !-!5#6,&1-$$;!-%%5#/,(#/!,1:(,(0(,&1!&B!),6)#5!#/0%-(,&13!!
>5-1:%5,+(:!B5& ' !01,9#5:,(,#:!&0(:,/#!()#!81,(#/!*(-(#:! ' 0:(!?#!-%%& ' +-1,#/!?;!-!6$&?-$!
%5#/,(!#9-$0-(,&1!B5& ' !-1!-%%5#/,(#/!-6#1%;3!! I ! ' ,1, ' 0 ' !65-/#!+&,1(!-9#5-6#!_V2 I `!&B!j3c\!
_&1!-!^3\!:%-$#`!&9#5-$$!B&5!()#! ' -:(#50:!/#65##!-1/!,1!()#! ' -=&5!-5#-!&B!:(0/;!,1!()#!
' -:(#50:!/#65##!,:!#C+#%(#/R!!!

[3 I%%#+(-?$#!:%&5#:!&1!()#!V5-/0-(#!S#%&5/!.C- ' ,1-(,&1!_VS.`F!!XYc!kYY\I!&1!()#!9#5?-$!
+&5(,&1!-1/!1&!$#::!()-1!-!^3Y!&1!()#!A5,(,16!:- ' +$#3!! I ++$,%-1(:!A)&:#!B,5:(!$-160-6#!,:!1&(!
.16$,:)! ' 0:(!:0? ' ,(!-!%O55#1(!:%&5#!B&5!()#!>#:(!&B!.16$,:)!-:!-!N&5#,61!W-160-6#!_>7.NW`!
-%%&5/,16!(&!()#!:(-1/-5/:!#:(-?$,:)#/!?;!7$/!4& ' ,1,&1!81,9#5:,(;R!!

j3 I! ' ,1, ' 0 ' !&B!()5##!;#-5:!(#-%),16!#C+#5,#1%#!,1!-!+5#Hb!m!X[!:#((,16!A,()!:(0/#1(:!A,()!
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^3 !I!Y\\Hh\\HA&5/!:(-(# ' #1(!&B!-%-/# ' ,%!-1/!+5&B#::,&1-$!6&-$:3!>),:!:(-(# ' #1(! ' 0:(!
/#:%5,?#!-++$,%-1(:0!5#:#-5%)!-6#1/-!(&! ' ##(!()#,5!-%-/# ' ,%!-1/!+5&B#::,&1-$!6&-$:R!

Y3 I!+5&B#::,&1-$!%O55,%O$0 ' !9,(-#R!

c3 >)5##!$#((#5:!&B!5#B#5#1%#!B5& ' !,1/,9,/0-$:!%-+-?$#!&B!%& ' ' #1(,16!&1!()#!-++$,%-1(0:!
5#-/,1#::!B&5!-/9-1%#/!65-/0-(#!:(0/;3! I (!$#-:(!(A&!&B!()#:#!$#((#5:! ' 0:(!?#!B5& ' !-%-/# ' ,%!
:&O5%#:3!MB!-!1&1H-%-/# ' ,%!$#((#5!&B!5#B#5#1%#!,:!1#%#::-5;L!,(!:)&O$/!?#!B5& ' !-!+5&B#::,&1-$!
:&O5%##R!-1/!

d3 25,&5!%&O5:#!A&5@!,1!:(-(,:(,%:!-1/!,1!()#&5,#:!&B!$#-51,163!!MB!(),:!5#D0,5# ' #1(!,:!1&(! ' #(L!-!
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-/ ' ,((#/!#9#5;!&()#5!;#-53! I / ' ,::,&1!(&!()#!+5&65- ' !,:!%& ' +#(,(,9#R!(;+,%-$$;L!()#!10 ' ?#5!&B!
-++$,%-(,&1:!#C%##/:!()#!10 ' ?#5!&B!-9-,$-?$#!&+#1,16:3! I ++$,%-1(:! ' 0:(!:0? ' ,(!()#!-++$,%-(,&1!
+-%@-6#L!,1%$O/,16!()#!&1$,1#!65-/0-(#!:(0/#1(!-++$,%-(,&1!-1/!-$$!5#$-(#/! ' -(#5,-$:!1&!$-(#5!
()-1!Q-5%)!X!&B!()#!-/ ' ,::,&1!%;%$#!;#-53!!
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71%#!()#!-++$,%-(,&1!/#-/$,1#!)-:!+-::#/L!%& ' +$#(#!-++$,%-(,&1!+-%@-6#:!A,$$!?#!,1,(,-$$;!
5#9,#A#/!?;!()#!:+#%,-$!#/0%-(,&1!2)343!+5&65- ' !-/ ' ,::,&1:!%& ' ' ,((##3!!N&$$&A,16!()#!
+5#$, ' ,1-5;!5#9,#A!&B!%& ' +$#(#!-++$,%-(,&1:L!()#!-/ ' ,::,&1:!%& ' ' ,((##!A,$$!,19,(#!#$,6,?$#!
-++$,%-1(:!(&!+-5(,%,+-(#!,1!-!(A&H+-5(!,1(#59,#A3!
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3+*$'AV!N&5 ' -$!M1(#59,#AF!-

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+&$,%;!-1/!+5&%#/05#:!,1!()#!81,(#/!*(-(#:3!!

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n*+&1(-1#&0:! " 5,(,16!*- ' +$#!
N&5!-/ ' ,((#/!:(0/#1(:L!()#!:+&1(-1#&0:!A5,(,16!:- ' +$#!A,$$!:#59#!-:!-!?-:#$,1#! ' #-:05#!&B!
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#/0%-(,&1!2)343!+5&65- ' 3!N05()#5!%& ' +-5,:&1:! ' -;!?#!/5-A1!-:!1##/#/!/05,16!()#!
:(0/#1(0:!#9-$0-(,&13!I$$!:+#%,-$!#/0%-(,&1!2)343!:(0/#1(:!A,$$!%& ' +$#(#!-1!-//,(,&1-$!
A5,(,16!#9-$0-(,&1!-B(#5!%& ' +$#(,16!X[HXh!%5#/,(!)&05:!,1!()#!+5&65- ' 3!!
!
8+&1!-/ ' ,::,&1L!&1#!&B!()#!B&$$&A,16!(A&!-%(,&1:!A,$$!-++$;!?-:#/!&1!()#! ' #-1!:%&5#!
&?(-,1#/!&1!()#!:+&1(-1#&0:!A5,(,16!:- ' +$#F!

- LM"#$+#%"-&'I*4$4#?'&+5M0%'&/"*%'%O/%%,&'54#45-5'&$+#,+*,&'W*+#?%'P6DPX9'
  M"4#$&YV!,B!()#! ' #-1!:%&5#!#C%##/:! ' ,1, ' 0 ' !:(-1/-5/:L!()#!:(0/#1(!/&#:!1&(!1##/!(&!
  #16-6#!,1!-1;!%&55#%(,9#!-%(,&13!!*(0/#1(:!:)&0$/!%&1(,10#!(&!5#B,1#!()#,5!A5,(,16!:@,$$:!
  (&!-%),#9#!%& ' +#(#1%#!-:!#C+#%(#/!B&5!:%)&$-5:!,1!),6)#5!#/0%-(,&13!!
- LM"#$+#%"-&'I*4$4#?'&+5M0%'&/"*%'5%%$&'54#45-5'&$+#,+*,&'W*+#?%'(6P7XP6DD'
  M"4#$&YV!I$()&06)!#9#5;!:+#%,-$!#/0%-(,&1!2)343!:(0/#1(!A,$$!5#%#,9#!B##/?-%@!,1!()#,5!
  %&05:#:!-,'#/!-(!,1%5#-:,16!()#,5!A5,(,16!+5&B,%,#1%;L!A#!A,$$!5#D0,5#!:(0/#1(:!A)&:#!
  ' #-1!:%&5#! ' ##(:!&1$;!

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3K<' : , 54&&4"#V' : H%*+?%' J %4?K$% , 'L/"*%'E+#?%&'WABB'M"4#$&Y' '		
I %%#+(-?$#! *to*	I %%#+(-?$#!A,()!S#:#59-(,&1:! -	Z&(! I %%#+(-?$#! *and below* !
Y3c\!(&!d3\\!	^3YY!(&!Y3Y i !	^3Y^!-1/!?#$&A! !

'

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#BB,%,#1(!%&)&5(!65&0+:!B&5!-/9-1%#/!:(0/;3!>&!#1)-1%#!()#!#C+#5,#1%#!&B!()#!:(0/#1(:!-1/!(&!
,1%5#-:#!()#!#BB,%,#1%;!?;!A),%)!%&05:#:!-5#!&BB#5#/L!-!%&)&5(!A,$$!?#!-/ ' ,((#/!#-%)!;#-5!/05,16!
()#!:0 ' ' #5!:# ' #:(#53!8+&1!-%%#+(-1%#L! ' &:(!BO$$H(, ' #!:(0/#1(:!A,$$!?#6,1!()#,5!%&05:#!&B!
:(0/;!#-%)!:0 ' ' #5!:# ' #:(#5!B&$$&A,16!-!:0 ' ' #5!&5,#1(-(,&13!!

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- 5%()6"#+-+"-)7-+8&9:+';)<$$%+,*'+"-)2"9)=9*(/*'&)<(#+::+"-)
- >??@3"9():'*'&#&-')
- A+-+#/#)B);&*9:)'&*,1+-0)&C$&9+&-,&)+-)D9&)E@FG):&''+-0)3+'1):'/(&-':)3+'1)(+:*H+%+'+&:)
- I19&&)%&''&9:)"2)9&,"##&-(*'+"-)
- J&:/#&)"9)!K)
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D9+"9()D9&9&R/+:+'&)!"/9:&)S "9T)

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- !"/9:&3"9T)*-()5'1&9)=9*(/*'&)J&R/+9&#&-':)
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!"-'+-/*-,&)S 9+'+-0)L8*%/*'+"-))

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V-'&9-:1+$:)

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- S 9+''&-)!"#$9&1&-:+8&)LC*#)
- 59*%)!"#$9&1&-:+8&)LC*#)

) %"-*-%&.(

6+::&9'*'+"-)M"9#/%*'+"-)

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:+#%,-$!#/0%-(,&1!65-/0-(#!+5&65- ' !/,5#%(&5!-1/!%&05:#! ' #1(&5!:0++&5(#/!?;!-! ' ,1, ' 0 ' !&B!X\!
%O55#1(!5#B#5#1%#:3!>)#!%& ' +$#(#/!+5&/0%(!A,$$!%&1:,:(!&B!-! ' ,1, ' 0 ' !&B!XY!+-6#:!#C%$0/,16!
5#B#5#1%#:!_:##!+-6#!d\`3!!
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!+#,4,+/1'80+54#+$4"#'!"5M"#%#$&'
3+*$'N6' J *4$$%#'80+54#+$4"#'
N&$$&A,16!-++5&9-$!&B!()#!%-1/,/-%;!#C- ',1-(,&1!(&+,%!?;!()#!:+#%,-$!#/0%-(,&1!2)343!
%& ' ',((##L!()#!:(0/#1(!A,$$!%&1/0%(!-!%5,(,%-$!-1/!,1(#65-(,9#!5#9,#A!&B!()#!-%%0 ' 0$-(#/!
$,(#5-(05#!0:,16!5#B#5##/!=&051-$:!-1/!-5(,%$#:3!!*# ',1-$!-5(,%$#:!&1!()#!(&+,%! ' -;!?#!0:#/!B&5!
?-%@65&01/!,1B&5 ' -(,&13!!>)#!:(0/#1(! ' 0:(!+5&/0%#!-!A#$$H5#-:&1#/!+&:,(,&1!+-+#5!
5#6-5/,16!()#!%)&:#1!(&+,%!-1/!:0? ',(!,(!A,(),1!(B',+1&3!>)#!%&1(#1(!:)&0$/!,1%$0/#!
%&1(5-:(,16!9,#A:!&B!+5&B#::,&1-$:!,1!()#!B,#$/!A,()!/,:(,1%(,&1:!?#(A##1!# ' +,5,%-$!B-%(!-1/!
#C+#5(!&+,1,&13!!M1!()#!%&1%$0:,&1!:#%(,&1L!()#!:(0/#1(! ' 0:(!/5-A!0+&1!()#!5#9,#A!(&!&BB#5!-!
A#$$H:0++&5(#/!+&:,(,&1!&1!()#!,::0#3!!>)#!+-+#5!:)&0$/!?#!XY!(&![\!+-6#:L!#C%$0/,16!()#!
5#B#5#1%#:!-1/!()#!-?:(5-%(3!>)#!%&1(#1(!:)&0$/!5#B$#%(!()#!D0-$,(,#:!&B!-!+-+#5!A&5();!&B!
=&051-$!:0? ',::,&1!-1/!?#!%&1:,:(#1(!A,()!()#!60,/#$,1#:!B&01/!,1!()#!%055#1(!#/,(,&1!&B!()#!
3!I!%&+;!&B!()#!50?5,%!()-(!()#!
:+#%,-$!#/0%-(,&1!2)343!%& ' ',((##! ' # ' ?#5:!A,$$!0:#!(&!#9-$0-(#!()#!D0-$,(;!&B!()#!+-+#5!
A,$$!?#!+5&9,/#/!,1!-/9-1%#3!!!
2&(#1(,-$!&+(,&1:!,1%$0/#!?0(!-5#!1&(!$,' ,(#/!(&!()#!B&$$&A,163!
X3 NO$$!,1%$0:,&1!&B!:(0/#1(:!A,()!/,:-?,$,(,#:!,1!6#1#5-$!#/0%-(,&1!%$-::5&& ' :3!
[3 S#:(5,%(,9#!%$-::5&& ' !_&5!:#+-5-(#!:%)&&$`!+$-%# ' #1(!&B!9-5,&0:!:0?+&+0$-(,&1:!
&B!:(0/#1(:!A,()!/,:-?,$,(,#:L!:0%)!-:!:(0/#1(:!A,()!# ' &(,&1-$G?#)-9,&5-$!
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j3 4,:+5&+&5(,&1-$!5#+5#:#1(-(,&1!&B!:(0/#1(:!B5& ' !/,9#5:#!%0$(05-$L!#()1,%L!-1/G&5!
$,160,:(,%!?-%@65&01/:!- ' &16!:(0/#1(:!A,()!/,:-?,$,(;!$-?#$:3!
^3 8:#!&B!%$-::5&& ' !,1:(50%(,&1!?-:#/!&1!/,:+-5-(#!+),$&:&+),%-$!+#5:+#%(,9#:!&1!
()#!(#-%),16!-1/!$#-51,16!+5&%#::3!
Y3 J5&::H%-(#6&5,%-$!+$-%# ' #1(!&B!:(0/#1(:!A,()!/,:-?,$,(,#:3!
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>)#!'#'?#5:!&B!()#!:+#%,-$!#/0%-(,&1!2)343!%& ' ',((##!A,$$!#9-$0-(#!#-%)!#C- ',1-(,&1!

' # ' ?#5:!A,$$!0:#!(&!#9-$0-(#!()#!+5#:#1(-(,&1!A,$$!?#!+5&9,/#/!+5,&5!(&!()#!:(0/#1(0:!
+5#:#1(-(,&1!(&!()#!:+#%,-$!#/0%-(,&1!B-%0$(;3!
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*0%%#::BO$!%& ' +$#(,&1!&B!()#!&5-$!%-1/,/-%;!#C- ' ,1-(,&1!,:!1&(#/!?;!()#!65-/0-(#!+5&65- ' !
/,5#%(&5!:0? ' ,((,16!N&5 ' !4jL!S#:0$(!&B!2)343!.C- ' ,1-(,&1!&5!S#D0,5# ' #1(L!(&!()#!S#6,:(5-50:!
7BB,%#!-1/!(&!()#!:(0/#1(:3!M1!()#!#9#1(!()#!:(0/#1(!B-,$:!(&!/#$,9#5!-!:-(,:B-%(&5;!&5-$!
+5#:#1(-(,&1L!)#G:)#!,:!+#5 ' ,((#/!(&!+5#:#1(!-6-,1!&1#!(, ' #!B&$$&A,16!%&1:0$(-(,&1!A,()!
),:G)#5!-/9,:&53!N-,$05#!(&!-%),#9#!-!+-::,16!:%&5#!&1!()#!&5-$!+5#:#1(-(,&1!A,$$!5#:0$(!,1!
B-,$05#!(&! ' &9#!(&!%-1/,/-%;!-1/!/,: ' ,::-$!B5& ' !()#!:+#%,-$!#/0%-(,&1!2)343!+5&65- ' 3!
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:,54&&4"#'$"''!+#,4,+/1'
I/9-1%# ' #1(!(&!%-1/,/-%;!,1%$0/#:!/,::#5(-(,&1!%)-,5!-1/!%& ' ' ,((##!:#$#%(,&1L!+5&:+#%(0:!
-++5&9-$!-1/!&5-$!/#B#1:#L!M1:(,(0(,&1-$!

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I++#1/,C!U

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#/0%-(,&1L!-1/!_?`!?#6,1!()#!+5&%#::!&B!/#9#$&+,16!A5,(,16!:@,$$:!:0,(-?$#!B&5!+&:,(,&1:!-1/!
(#105#!,1!),6)#5!#/0%-(,&13!>)#!%&05:#!:(5#::#:!I2I!A5,(,16!60,/#$,1#:!-1/!:(;$#L!%&1/0%(,16!
$,(#5-(05#!:#-5%)#:L!-1/!?#6,11,16!/#9#$&+ ' #1(!&B!-!A5,(,16!+5&/0%(!()-(!,:!:0,(-?$#!B&5!
+0?$,%-(,&13!>)#!%&05:#!,1(5&/0%#:!()#!:@,$$:!1#%#::-5;!B&5!-/9-1%# ' #1(!,1!)9

,1(#59#1(,&1:!()-(!-//5#::!/#B,%,(:!&B!%&61,(,9#!+5&%#::#:!A,$$!?#!/,:%0::#/!-1/!:+#%,B,%!$#-51,16!
:(5-(#6,#:!A,$$!?#!+5#:#1(#/3!
'
L38<';B96':,H+#/%,'\#&$*-/$4"#+0'3*"/%,-*%&'4#'LM%/4+0'8,-/+$4"#6'('!*%,4$&6'
>),:!%&05:#!+5&9,/#:!:(0/#1(:!A,()!-/9-1%#/!:@,$$:!,1!#/0%-(,&1-$!+$-11,16L!/#9#$&+'#1(L!-1/!
,'+$#'#1(-(,&1!B&5!:(0/#1(:!A,()!$#-51,16!+5&?$#':3!>#%)1,D0#:!B&%0:!&1!,1%$0:,9#!-1/!:#$BH
%&1(-,1#/!%$-::5&&'!-55-16#'#1(:3!25#5#D0,:,(#F!65-/0-(#!:(-1/,163!
'
!<L8';=96'\#,%M%#,%#$'L$-,1V'>"M4/&'4#'LM%/4+0'8,-/+$4"#6'('!*%,4$&6'
M1/#+#1/#1(!:(0/;!&B!:+#%,-$!(&+,%:!,1!%&''01,%-(,&1!/,:&5/#5:!-1/!:+#%,-$!#/0%-(,&1!B&5!
/&%(&5-$!:(0/#1(:3!25#5#D0,:,(#F!+#5',::,&1!&B!()#!,1:(50%(&53!
'
L38<';Q;6'\#$%*#&K4MV'LM%/4+0'8,-/+$4"#6'('!*%,4$&6'
M1(#51:),+:!,1!(#-%),16L!5#:#-5%)L!-1/!&()#5!+5&B#::,&1-$!-%(,9,(,#:!A,$$!+5&9,/#!#C+#5,#1%#!,1!()#!
5&$#:!()-(!:(0/#1(:!A,$$!-::0'#!-B(#5!%&'+$#(,16!()#,5!/&%(&5-$!/#65##:3!>)#!:0%%#::BO$!
%&'+$#(,&1!&B!-!jH%5#/,(!,1(#51:),+!,:!5#D0,5#/!(&!BO$B,$$!+5&65-'!5#D0,5#'#1(:!-1/!1#%#::,(-(#:!
-!%&''(,'1(!&B!-!',1,'0'!&B!XY\!%&1(-%(!)&05:3!M1(#51:),+:!'-;!?#!-(!()#!5#6,&1-$L!1-(,&1-$!
&5!,1(#51-(,&1-$!$!$#9#$:3!
!
L38<';==6'<4&&%*$+$4"#6'AXAD'!*%,4$&6'
4,::#5(-(,&13!25#5#D0,:,(#:F!*0%%#::BO$!/#B#1:#!&B!+5&:+#%(0:!-1/!-/'',::,&1!(&!%-1/,/-%;3!
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