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 ` 527\$' /!R!EFF/FF' /. 2!Z/F5,2F!; 5' ' &#D!3\$#!ABABWABAN!ABANWABAA!ABAAWABAO!-)5##/. 2@

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	C	CVNG	CVNG	CVNG	CVNG
		F C B B	T C N H T	C L	P C C L
	A M	P	L		
	S	R R S S	R R S S	R R S S	R R S S
	A				

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A" R=13-(.)\$7')*11B8)K-33' 2- (+\$-1 ()+(&)S3')19)R%,, '\$)533' 332' (\$)0-(&- (. 3)
5" Q: / . !&. 6!: \$K!6*6!D\$5#!1#%#&' !3&75,2D!F: &#/#&. 6!6*F75FF!2: /F/!#/F5,2F!&. 6!3*. 6*. %F!3#\$' !2: *F!7D7,/!\$3!
&FF/FF' / . 2M!)

R-?-)H(-(' ' ,-(.)I ,1. ,+2)6' '\$-(. T 5UHVWLW*R)
6' '\$-(.)6-(%' 3)

V%' 3&+>D)#' B\$' 2<' ,)! GD)4X4: D)! X8XX)+2)Y)! 48XX)B2D)6KK)! XNZ)

)
5\$\$' (&+(0' 8)
"#/F/. 2QE. . /F: !9\$#2: &[5#D]): #F!)&##\$,4!E' &. 6&!)\$S4!Z*D&6: !c*. 6*4H&,*!I *&. 3!&. 6!Z\$. &,6\$!85. &!
ELF/. 2(!_\$. /!
a*F*2\$#F(!_\$. /!

!" 6' '\$-(.)\$1B-08!X: /!2\$1*7!\$3!2: *F!' //2*. %!K&F!3\$75F/6!\$. !2: /!EFF/FF' / . 2!Z/2#/&2!1\$#2*\$\$. !\$3!2: /!E. . 5&,!E9-X<c8)!
;256/. 2!` 527\$' /F!EFF/FF' / . 2!"#7/FF!X: /!F1/7*3*7!15#1\$F/!K&F!2\$!/+&,5&2/!2: /!Y&75,2D!Z/+*/K!\$3!` 527\$' /F!O!
&. 6!R4!&. 6!O/+/, \$1!&!',&. !\$3!E72*\$\$. !2: &2!&66#/FF/F!&. D!K/#[. /FF/F!2: &2!K/#/!6/. 2*3*/6!65#*. %!2: /!&FF/FF' / . 2!&. 6!
#/+*/K!1#\$7/FF/F!3\$#!2: *F!7D7,/G!

!" M' ?-' @)19)#%#&' (\$)/%\$012' 3)+ (&)M%<,-038)X: /!Y&75,2D!Z/+*/K!1#\$7/FF!'. 7,56/F!&F/,3M&FF/FF' / . 2!&2!2: /!7\$5#F/!
/,+/,!3\$,,\$K/6!LD!&. !*. 6/1/. 6/. 2!#/+*/K!\$3!F1/7*3*7!\$527\$' /F!LD!&!3&75,2D!' /' L/#!K: \$!6*6!. \$2!7\$. 2#*L52/!2\$!2: &2!
#/F1/72*+/\$!527\$' /G!Y\$#!2: /!ABAO!#/+*/K!O#FG! !*&. 3&#!&. 6!9\$#2: &[5#!K/#/!2: /!* . 6/1/. 6/. 2!#/+*/K/#F!3\$#!` 527\$' /!
O!&. 6!O#FG!c*. 6*!&. 6!I *&. 3&#!K/#/!2: /!* . 6/1/. 6/. 2!#/+*/K/#F!3\$#!` 527\$' /!R

2: &2!K: *,/!2: /!b/\$2/7: !&. 6!cD6#&5,*7!/. %*. // #. %!,&LF!7\$. F*F2/. 2,D!' /2!2: /!#&K!F7\$#/#!&. 6!#5L#*7!F7\$#/#!
L/. 7: ' &#[F4!2: /!/. +*#\$. ' / . 2&!,/ . %*. // #. %!,&L!\$. ,D!6*6!K/,,!K: / . !6&2&K/#/!&11#5\$1#*2/,D!7\$,,/72/6!c\$K/+/#4!
:/!S1#/FF/6!7\$. 7/#. !2: &2!2: /!7*+!,/ . %*. // #. %!' &2/#* &F!7,&FF!K&F!. \$2!' //2*. %!2: /!#5L#*7!L/. 7: ' &#[4!6/F1*2/!2: /!
. F2#572\$#PF!\$LF/#+&2\$. F!\$3! 1#\$+*. %!#/1\$#2!\5&,*2D!&. 6!F256/. 2!/S1/#** / . 2F6!
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O#6!c*. 6*!#&*F/6!7\$. 7/#. !&L\$52!2: /!6&2&!3#\$' !2: /!/. +*#\$. ' / . 2&!,/ . %*. // #. %!,&L!\$. \$2!L/* . %!7\$,/72/6!\$+/#!2K\$!
D/&#F!&. 6!F5%%/F2/6!2: &2!F*. 7/!2: /!%/2/7: . *7&!,&. 6!: D6#&5,*7!/. %*. // #. %!,&L!&FF/FF' / . 2!' /&F5#/#!: &+/#!
7\$. F*F2/. 2,D!' /2!2: /!L/. 7: ' &#[4!2!*F!2** /!2\$!7: \$\$\$/!. /K!&72*+2*/F!3#\$' !2: /F/!,&LF!2\$!/+&,5&2/!2: *F!F256/. 2!
\$527\$' /G!!
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O#6!)&##\$,!&%#/#/6!2: &2!F*. 7/!F\$' /!\$3!2: /!&FF/FF' / . 2!' /&F5#/F!&: &+/#!L//. !7\$. F*F2/. 2,D!' /2!2!*F!2** /!2\$!#/1, &7/!
2: /F/!&FF/FF' / . 2!' /&F5#/F!K*2: !\$2: /#!&72*+2*/F!c/!. \$2/6!2: &2!2: /!7\$' 1&72*\$. !,&L\$#&2\$#D!3#\$' !b/\$2/7: !,&L!&. 6!
15' 1!7: &#&72/#*F2*7!75#+/!,&L!3#\$' !: D6#&5,*7!/. %*. // #. %!,&L!7\$5,6!L/!#/1, &7/6!K*2: !\$2: /#!S1/#** / . 2F!3#\$' !F&' /!
7\$5#F/F!\$#L/!F5LF2*252/6!K*2: !/S1/#** / . 2F!3#\$' !/ . 2*#/D!6*33/#/ . 2!,&LF6!!
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O#6!)&##\$,!/S1&. 6/6!\$. !2: /!6/2&*,F!\$3!2: /!' &2/#* &F!,&L!2/#' !1#\$U/72!c/!/S1,&* . /6!2: &2!&,2: \$5%: !2: /!,&L!*F!2&5%: 2!
LD!&. !&6!U5. 72!* . F2#572\$#4!: /!F!#/F1\$. F*L, /!3\$#!2: /!&FF/FF' / . 2!\$3!2: /!' &2/#* &F!7\$5#F/G!J. !2: *F!1#\$U/72!F256/. 2F!&#/#!
#/\5*#/6!2\$!S1/#** / . 2!K*2: !6*33/#/. 2!7\$. 7#2/!' *S!6/F%. F!G!X: /D!' 5F2!2: / . !6/7*6/!K: *7: !' *S!2\$!5F/!3\$#!2: /!*!3*. &!,
1#\$U/72!L&F/6!\$. !2: /!*#2#* &!' *S/F4!&1#\$7/FF!2: &2!#/,*/F!\$. !/ . %*. // #. %!U56%' / . 2!O#6!)&##\$,!/S1#/FF/6!7\$. 7/#. F!
#/%*. %!2: /!F256/. 2F!&11#\$&7: !2\$!2: /F/!2#* &F!c/!. \$2/6!2: &2!' &. D!F256/. 2F!F// ' !2\$!#/D!' \$#/!\$. !2#* &!,&. 6!/#\$#!
#&2: /#!2: &. !&!F7*/ . 2*7!1#\$7/FF4!&. 6!6\$!. \$2!7\$. F*6/#!3&72\$#F!F57: !&F!7\$' 1#/FF*+ /!F2#/. %2: 4!2: /!' 1&72!\$3!5F*. %!
,*%: 2K/*%: 2!' &2/#* &F4!&. 6!K\$#&L*,*2D!* . !2: /*#!S1/#** / . 2!G!X: *F!\$LF/#+&2\$. !/6!:' * !2\$!&2/!' &. D!\$3!2: /!1#\$U/72!F!F!
P\$. /G!c/!' 1: &F*T/6!2: &2!2: /!1#\$U/72PF!* . 2/. 2\$. !F!3\$#F!F256/. 2F!2\$!7\$. 6572!F/+/#&,!2#* &!' *S/F4!&. &,DT/!2: /!#/F5,2F4!
&. 6!2: / . !' &[/!&. !* 3#\$# /6!6/7*F\$. !L&F/6!\$. !2: /!*!3*. 6*. %F!G!)\$. F*6/#. %!2: &2!&!. /K!* . F2#572\$#1K*,!F\$\$. !2&[/!\$+/#!
2: /!7\$5#F/4!: /!1, &. F!2\$!F: &#/#2: *F!3//6L&7[!&. 6!1&F2!*FF5/F!K*2: !2: /!' 7\$' * . %! . F2#572\$#12\$!/. F5#/#2: /F/!7\$. 7/#. F!
&#/#!&66#/FF/6!* . !3525#/!2/&7: * . %F!G!
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O#6!)\$S!7\$. 2#L52/6!2!2: /!6*F75FF*\$. !K*2: !: /#!2: \$5%: 2F!\$. !* 1#\$+*. %!2: /!: D6#&5,*7!/. %*. // #. %!&FF/FF' / . 2!
' /&F5#/!3\$#!` 527\$' /!R!G!; : /!S1#/FF/6!2: /#!&11#/7*2*\$. !3\$#!2: /!6/&!\$3!F/,/72*. %!&! \$#/!7: &,/. %*. %!,&L!2\$!3\$!75F!
\$. 4!&,%. * . %!K*2: !2: /!7\$. 7/!2!\$3!7\$. 2*. 5\$5F!* 1#\$+/' / . 2!G!E#/#/* . %!K*2: !2: /!3//6L&7[!#/7/*+64!O#6!)\$S!F5%/F2/6!
#/1,&7*. %!2: /!15' 1!7: &#&72/#*F2*7!75#+/!,&L!K*2: !2: /!: D6#&5,*7!U5' 1!,&L!G!; : /!S1,&* . /6!2: &2!2: /!: D6#&5,*7!U5' 1!,&L!
*F!F%. *3*7&. 2,D!' \$#/!7: &,/. %*. %!2: &. !2: /!15' 1!75#+/F4!F5%/F2*. %!2: *F!7: &. %/!&F!&! /&. F!2\$!/,/+&2/!2: /!/&# . * . %!
/S1/#* . 7/!&. 6!7: &,/. %/!3\$#!2: /!F256/. 2F!G!
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X: /#!K&F!6*F75FF*\$. !&' \$. %!3&75,2D!#/%*. %!5F/!\$3!L\$2: !F256/. 2F!#&K!%#&6/F!&. 6!#5L#*7!%#&6/F!3\$#!&FF/FF*. %!2: /!
\$527\$' /G!Q: *,/!2: /!3*. &,!6/7*F\$. !K&F!. \$2!' &6/4!2: /!7/. F5F!F// ' /6!2\$!L/!5F*. %!#5L#*7!F7\$#F!&F!2: /!\$. ,D!' /2#*7!
3\$#!&FF/FF*. %!2: /!\$527\$' /F!G!!
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X: /!' //2*. %!&,F\$!3/&25#/6!&!6*F75FF*\$. !&' \$. %!O#F!G!c*. 6*!85. &4!)\$S4!&. 6!)&##\$,!\$. !2: /!2\$1*7!\$3!5F*. %!%#51!K\$#[!
+/#F5F!* . 6*+*65&,!K\$#[!'. !2: /!&FF/FF' / . 2!1#\$7/FF!G!O#F!G!85. &!,&. 6!)&##\$,!F: &#/#2: /*#!&11#\$&7: !3\$!52,*T. %) EX > -!
3\$#!&FF/FF*. %!%#51!K\$#[4: *%: ,*%: 2*. %!*2F!/33/72*+/. /FF!* . !#/' \$+*. %!F/,3W/+&,5&2*\$. !L*F!G!O#6!)\$S!&66/6!2\$!2: /!
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R?-)H(-(' ',-(.)I ,1. ,+2)6' '\$-(. T 5UHVWLW*R)
6' '\$-(.)6-(%' 3)

V7%,3&+>D)#' B\$' 2<' ,)4! D)4X4: D)! !8XX)+2)Y)! 48XX)B2D)6KK)! XNZ)

)
5\$\$' (&+(0' 8)
"#/F/. 2QE. . /F: !9\$#2: &[5#4!]: #*F!)&##\$,4!E' &. 6&!)\$S4!Z*D&6: !c*. 6*4H&*,!I*&. 3!&. 6!Z\$. &. 6\$185. &!
ELF/. 2(!_\$. /!
a*F2\$#F(!_\$. /!

!" 6' '\$-(.)\$1B-08!X: /!2\$1*7!\$3!2: 'F!' //2*. %!K&F!3\$75F/6!\$. !2: /!EFF/FF' / . 2!Z/2#/&2!1\$#2*\$\$. !\$3!2: /!E. . 5&,!E9-X<c8)!
;256/. 2!` 527\$' /F!EFF/FF' / . 2!""#\$7/FFG!X: /!F1/7*3*7!15#1\$F/!K&F!2\$!/+&,5&2/!2: /!Y&75,2D!Z/+*/K!\$3!` 527\$' /!V!&. 6!
O/+/, \$1!&!" ,&. !\$3!E72*\$\$. !2: &2!&66#/FF/F!&. D!K/&[. /FF/F!2: &2!K/#/!6/. 2*3*/6!65#*. %!2: /!&FF/FF' / . 2!&. 6!#/+*/K!
1#\$7/FF/F!3\$#!2: *F!7D7,/G!

!"
J" M' ?-' @)19)#\$%&' (\$)/%\$01 2' 3)+ (&)M%<,-038)X: /!Y&75,2D!Z/+*/K!1#\$7/FF!*. 7,56/F!&F/,3W&FF/FF' / . 2!&2!2: /!7\$5#F/!
/,+/,!3\$,,\$K/6!LD!&. !*. 6/1/. 6/. 2!#/+*/K!\$3!F1/7*3*7!\$527\$' /F!LD!&3&75,2D!' /' L/#!K: \$!6*6!. \$2!7\$. 2#*L52/!2\$!2: &2!
#/F1/72*+/\$!527\$' /G!Y\$#!2: /!ABA0!#/+*/K!4!O#F!G!c*. 6*!&. 6!I * &. 3&#K/#/!2: /!*. 6/1/. 6/. 2!#/+*/K/#F!3\$#!` 527\$' /!V!G!
V@ Q: &2!&#/#!2: /!7#*2*7&,1#\$%#&' !F2#/. %2: F!6/. 2*3*/6!*. !2: *F!\$527\$' /M!
NB@ Q: &2!&#/#!2: /!7#*2*7&,1#\$%#&' !K/&[. /FF/F!6/. 2*3*/6!*. !2: *F!\$527\$' /M!
NN@ E#/#!2: /#/#F5%/F2/6!1,&. F!\$3!&72*\$\$. !2\$!*" 1#\$+/#!2: /!#/#F5,2F!3!2: 'F!\$527\$' /M!J3!F\$4!&#/#!2: /D!&6/\5&2/M!
NA@ X\$!K: &2!/S2/. 2!*F!2: /!\$527\$' /! /2!LD!2: /!&FF/FF' / . 2!' /&F5#/F!\$. !&F7&,/\$!3!NW]M!
=N!!^!_ \$2!&2!&,4!A!^!; ,%: 2,D4!O!^!> \$6/#&2/,D4!C!^!> \$F2,D4!]!^!)\$' 1,/2/,D@

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O*F75FF*\$\$. F!#/,&2/6!2\$!\$527\$' /!V(!!
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O#G! I * &. 3#/F/. 2/6!&. !\$+/#+*/K!\$3!2: /!&FF/FF' / . 2!1#\$7/FFG!J. *2&,,D4!*. 6/1/. 6/. 2!#/+*/K/#F!#/1\$#2/6!\$. !2: /#!
&FF/FF' / . 2!\$3!E9-X!` 527\$' /!V!G!; 5LF/\5/. 2,D4!*. F2#572\$#F!F: &#/6!2: /#*F5%/F2/6!*" 1#\$+/# / . 2F!3\$#!2: /!7\$5#F/F4!
K: /#/#!&11,*7&L,/4!K: *7: !K/#/#!3\$,,\$K/6!LD!&!6*F75FF*\$\$. !&' \$. %!2: /!/. 2*#/!7*+/,!/. %*. //#. %!3&75,2D!G!Y*. &,,D4!2: /!
3&75,2D!7\$,,/72*+/,D!&11#\$+/#!2: /!&72*\$\$. !1,&. !3\$#!&66#/FF*. %!` 527\$' /!V!G!

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O#G!c*. 6!'/S1#/FF/6!7\$. 7/#. !&L\$52!2: /!#/,/+&. 7/!\$3!2: /F/!7\$5#F/F!&. 6!2: /!&FF/FF' / . 2!' /&F5#/F!2\$!2: *F!\$527\$' /4!
/F1/7* &,D!*. !2: /!&#/#F!\$3!L5F*. /FF!&. 6!/,&6/#F: *1G!E,2: \$5%: !' &. &%/' / . 2!&. 6!15L,*7!1\$,*7D!&#/#!*. 7,56/64!2!&11/&#F!
2: /F/!2\$1*7F!&#/#!\$. \$2!7\$+/#/6!S2/. F*+/,D!G!E66*2*\$\$. &,,D4!2: /!6&2&!3\$#!2K\$!D/&#F!\$3!/. +*#\$. ' / . 2&,!/. %*. //#. %!F!
' *FF*. %G!X: /#/#!F!&!. //6!2\$!` &[/#F5#/#!2: /!6&2&!&#/#!7\$,,/72/6!7\$. F*F2/. 2,D!G!E!3525#/#!1,&. !F! /!6/6!2\$!F/,/72!` \$#/
#/,/+&. 2!7\$' 1\$. / . 2F!&. 6!7\$5#F/F!3\$#!L/22/#!&FF/FF' / . 2!&. 6!2\$!*" 1#\$+/#!2: /!6\$75' / . 2&2*\$\$. !1#\$7/FFG!X: /#/#!&#/
F\$' /!7\$5#F/F!*. !K: *7: !2: /!\$527\$' /!F!L/* %. %!7\$. F*F2/. 2,D! /2G!X: /!3&75,2D!&,F\$! /!6!2\$!#/#/+&,5&2/!2: /F/
&FF/FF' / . 2!' /2: \$6F!2\$!/. F5#/#!2: /D!&#/#!7: &,,/. %*. %!&. 6!/33/72*+/#!

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O#G! I * &. 3/S1#/FF/6!7\$. 7/#. F!F* * &#!2\$!O#G!c*. 6*!&. 6!#&F/6!2: /!5/F2*\$\$. !\$3!3!2: /!75##/. 2!&FF/FF' / . 2!' /&F5#/F!
&#/#!33/72*+/,D!7\$+/#. %!2: /![/D!&#/#F!\$3!` &. &%/' / . 24!L5F*. /FF4!15L,*7!1\$,*7D!&. 6!/,&6/#F: *1G! I * &. 3&#/#!` 1: &F*T/6!
2: /!*" 1#\$2&. 7/!\$3!5F*. %!&11#\$1#&2/!2\$\$. F!3\$#!&FF/FF' / . 24!F2&2*. %!2: &2!3!2: /!#%: 2!` F2#5' / . 2F!&#/#!5F/64!2: /!
&FF/FF' / . 2!1#\$7/FF!K\$5,6!L/!F&2*F3&72\$#D!G!c\$K/+/#!` *F!1#* * &#D!K##D!7/. 2/#F!\$. !2: /!&725&,!F7\$1/!\$3!&FF/FF' / . 2!

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7\$. F2#572*\$\$. !/. % . // # * . % ! * . 2\$!2: /!75##*75,5' G!
 O#G!)&##\$,! : *% : , *% : 2/6!2: /!L*6%/W7\$. F2#572*\$\$. !1#\$U/72!\$#*%*. &,D!6/+/, \$1/6!LD!Q/F2!" \$*. 2G!X: *F!1#\$U/72!
 /. 7\$' 1&FF/F!+&#\$5F!&F1/72F!\$3!1#\$U/72!' & . &%/' / . 24!* . 7,56* . %!/F2*' &2*\$. F!& . 6!&!L*6!1#\$7/FFG!C/!L/,*/+/6!2: &2!
 2: *F!1#\$U/72!7\$5,6!F/#+!&F!&!L/22/#!&FF/

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U" c\$K!F1/7*37&,,D!: &+/ID\$5!6/7*6/6!2\$!5F/!2: /F/!3*. 6*. %F!2\$!* 1#\$+/!2/&7: *. %!&. 6!/&#. *. %!. !D\$5#!1#\$%#&' M!Y\$#! /S&' 1,/4!1/#: &1F!D\$5P+!/. *2*&2/6!\$. /!\$#!' \$#/\$!3!2: /!3\$,,,\$K*. %(!

+E7: !85!8&7!	+5?\$: 7!%528728!	+5?\$: 7!: 7R?72%7!
+?\$\$1%??3?B!5\$!	M7#%&12E!87%&2!R?7:!	- 7L!%5?\$: 7:!
47; #E5E17:!	VB=\$5G7B728: !12!87%&2535EC!!	D7378152!5J!%5?\$: 7:!
	4\$7\$7R?1: 187:!	+E7: !12!J\$7R?72%C!5\$!: %&7; ?3!2E!5J!%5?\$: 7!5J7\$12E:!!
+E7: !85!8&7!	W8?; 728!37#\$2!2E!5?8%5B7:!	@G#3?#8152!8553: !X7YEVZ!\$?H\$1%: [!
F:: 7:: B728!43#2!	F\$8!J#%8: !5J!: 8?; 728!37#\$2!2E!	D#8#!%5337%8152!B78&5; :!
	@G#3?#8152!=\$5%7: :!	O\$7R?72%C!5J!; #8#!%5337%8152!

"/&F/!6/F7#*L/!2: /!&72*\$. F!D\$5!&# /!2&[* . %!&F!&# /F5,2!\$3!2: /F/!3*. 6*. %FG!
: ;)5 ()+<=>\$>!)01222%(-0+\$)' 99' 0\$-?' =>@-\$7)+,+(. ')19)+%&-' (0' 3")

8*F2/6!L/,\$K!&# /!2: /!6/2&*,/6!1,&. F!\$3!&72*\$. !&FF\$7*&2/6!K*2: !/&7: !7\$5#F/!3\$#17\$. 2*. 5\$5F!'' 1#\$+/' / . 2!#/,&2/6!2\$!
` 527\$' /!0G!

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)a_b!NBBB!J. 2#\$!2\$!) *+,*!-. %* . // #* . %!(E. !&FF/FF' / . 2!' /&F5# /!K*,,!L/!6/+/, \$1/6!*. !2: /!F1#*. %!ABAC!F/' /F2/#!2\$!&FF/FF!
2: *F!\$527\$' /!*. !2: /!J. 2#\$6572*\$. !2\$!) *+,*!-. %* . // #* . %!7\$5#F/!&. 6!/+&,5&2/!3*#F2WD/&#F256/ . 2Fol&L*,2D!2\$!7\$' ' 5. *7&2/!
K*2: !&!#&. %/!\$3!&56*/ . 7/F!G!X: *F!&FF/FF' / . 2!' /&F5# /!K*,,!F5LF2*252/!2: /!)a_b!ONCB!Q&2/#!Z/F\$5#7/F!&. 6!
- . 2#/1#/. /5#F: *1!1# /F/. 2&2*\$. G!!

!)a_b!OBOB<OBON(!E!. /K!*. F2#572\$#!K*,,!L/!2/&7: *. %!2: *F!7\$5#F/!*. !Y&,,!ABAOG!''#\$!/72!#/1#\$2F!3#\$' !1#/+*\$5F!\$33/#* . %F!\$3!
2: /!7\$5#F/!K*,,!L/!1#\$+*6/6!2\$!2: /!*. F2#572\$#!2\$!: *%: ,%: 2!1&F2!FF5/F!&. 6!&*6!*. !6/+/, \$1* . %!&72*+2*/F!2\$!/. : &. 7/!F256/ . 2!
/&#. *. %!&. 6!\$527\$' /FG!!

!)a_b!ONCB(!X: /!3&75,2D! : &F!6/7*6/6!2\$!#/1,&7/!2: /!)a_b!ONCB!Q&2/#!Z/F\$5#7/F!&. 6!- . 2#/1#/. /5#F: *1!1# /F/. 2&2*\$. !
K*2: !&!1# /F/. 2&2*\$. !3#\$' !2: /!!)a_b!NBBB!J. 2#\$!2\$!) *+,*!-. %* . // #* . %m!7\$5#F/4!K: *7: !*F!2&5%: 2!*. !2: /!3# /F: ' &. !D/&#G!X: /!
#5L#*7!3\$#!2: /!)a_b!NBBB!&72*+2D!K*,,!L/!6/+/, \$1/6!*. !; 1#*. %!ABACG!!

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D/&#F!\$3!2: /!#/+*/K!7D7,/G!J3!2: *F!,&L!7\$. F*F2/. 2,D!' //2F!2: /!2: #/F: \$,6F!*. !2: /!. /S2!#/+/K!7D7,/4!*2!K*,,!L/!1: &F/6!\$52!
3#\$' !2: /!&FF/FF' / . 2!\$3!\$527\$' /!R!&. 6!K*,,!L/!#/1,&7/6!K*2: !&!. /K!&FF/FF' / . 2!' /&F5#/!3#\$' !2: *F!,&L!G!J2!F: \$5,6!L/!
. \$2/6!2: &2!&!. /K!35,,W2* /!3&75,2D!K*,,!L/!2/&7: *. %!2: *F!7\$5#F/!* . !Y&,,!ABAC!&. 6!3525#/!F/' /F2/#F!G!!

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)a_b!ONBB!b/\$2/7: . *7&,-. %* . //#* . %!8&L(!)\$. F*6/#* . %!2: &2!2: /!)\$' 1&72*\$. !,&L\$#&2\$#D!: &F!7\$. F*F2/. 2,D!' /2!L\$2: !#&K!
F7\$#/!&. 6!#5L#*7!F7\$#/!2: #/F: \$,6F4!2!K*,,!L/!1: &F/6!\$52!3#\$' !L/* . %!5F/6!2\$!&FF/FF!' 527\$' /!R!G!E!. /K!&FF/FF' / . 2!
' /&F5#/4!' \$F2!,*[/,D!2: /!%#&* . !F*T/!6*F2#*L52*\$. !,&L4!K*,,!L/!5F/6!2\$!&FF/FF!2: *F!\$527\$' /!* . !3525#/!F/' /F2/#F!G!X: /!
&FF/FF' / . 2!' /&F5#/!&. 6!*2F!#5L#*7!K*,,!L/!6/+/, \$1/6!&. 6!&11#\$/+6!LD!2: /!3&75,2D!* . !2: /!F1#* . %!ABAC!F/' /F2/#G!

!

)a_b!ONCB!cD6#&5,*7!-. %* . //#* . %!8&L(!)9\$2: !2: /!#&K!F7\$#/!&. 6!#5L#*7!F7\$#/!2: #/F: \$,6F!3\$#!2: /!'5' 1!7: &#&72/#*F2*7F!
75#+/F!,&L\$#&2\$#D!: &+!/L// . !7\$. F*F2/. 2,D!' /2!* . !2: /!1#/+*\$5F!&FF/FF' / . 2!7D7,/F!G!)\$. F/\5/. 2,D4!2: *F!&FF/FF' / . 2!
' /&F5#/!K*,,!. \$!,\$. %/#!L/!5F/6!3\$#!&FF/FF* . %!\$527\$' /!R!&. 6!K*,,!L/!#/1,&7/6!K*2: !&!. /K!&FF/FF' / . 2!' /&F5#/!#/,&2/6!
2\$!2: /!cD6#&5,*7!U5' 1!,&L!G!X: /!#5L#*7!3\$#!2: /!cD6#&5,*7!U5' 1!,&L!K*,,!L/!6/+/, \$1/6!*. !2: /!F1#* . %!ABAC!F/' /F2/#G!

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[" R=13-(.)\$7')*11B8)M' ?-' @)19)l,'?-1%3)533' 332' (\$)0- (&-(. 3)+ (&)R7+(. ' 3!
5" Q: &2!*F!&2!/,&F2!\$. /!7: &. %/!D\$5#11#\$%#&' !: &F!*' 1,/ ' / 2/6!* . !#/7/. 2!D/&#F!&F!&!#/F5,2!\$3!&FF/FF' / . 2!6&2&M!!
` . /!1*75,: &. %/!' &6/!65#*. %!2: /!3&,!ABABIF/' /F2/#!K*2: !#/%!2\$!)a_b!OBOb!3\$#!` 527\$' /IR(!

n9&F/6!\$. !2: /!3*. &!,#/1\$#2F4!2!&11/&#F!2: &2!2: /!' &U\$#*2D!\$3!%#\$51F!' *F5. 6/#F2\$6!K: &2!2: /D!. //6/6!2\$!/+&,5&2/!
65#*. %!2: /!1#/,** *. &#D!' *S!6/F*% . !1: &F/!\$3!2: /!1#\$U/72G!! > \$F2!\$3!2: /!%#\$51F!F*' 1,D!7\$' 1&#/6!2: /!5. *2!K/*%: 2F!\$3!2: /!
' *S/F!2\$!/. F5#/!2: /D!K/#/!5. 6/#K/*%: 2!\$. !2: /!1#\$U/72!&. 6!%&+/. \$!7\$. F*6/#&2*\$. !2\$!7\$' 1#/FF*+!/F2#/ . %2: G!!b*+/. !
2: &2!7\$' 1#/FF*+!/F2#/ . %2: !*F!&!7#*2*7&,!1#\$1/#2D!\$3!7\$. 7#/2/!' *S!6/F*% . 4!2!*F*' 1\$#2&. 2!2: &2!F256/. 2F!5. 6/#F2&. 6!2: /!

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P6I /MV5\V8)I = ' +3')3%<2-\$)+ (>)+33' 332' (\$)\$11=3)+ (&L1,)

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R1%,3' 8!)a_b!ONCB!j !cD6#&5,*7!-. %*. // #. %!8&L!!!
\' @)/%\$012' 8!0gE. !&L*,*2D!2\$!7\$' ' 5. *7&2!/!33/72*+/,D!K*2: !&!#&. %/!\$3!&56*/. 7/F6!
/=&)/%\$012' 8!%g!E. !&L*,*2D!2\$!7\$' ' 5. *7&2!/!33/72*+/,DG)
! ' ,91,2+(0')6' +3%, ' 8!Q&2/#!Z/F\$5#7/F!&. 6!-. 2#/1#/ . /5#F: *1!"#/F/. 2&2*\$. !=` #&,!)\$' ' 5. *7&2*\$. @
!

*!\!D57:!258!B778!70=7%8#8152:! | '!\!" 778:!70=7%8#8152:! | /!\!@Q%77; :!70=7%8#8152:!
M&7!=\$7: 728#8152!!:!258!L733!
5\$E#21]7; !X7YEY!B#87\$1#3!5?8!5J!
5\$; 7\$[!#2; !8&7!: ?==5\$812E!
B#87\$1#3: !12: ?JJ1%17283C!: ?==5\$8: !
8&7!85=1%Y!
!
" #!
!
M&7!3#2E?#E7!%&51%7: !#\$7! ?2%37#\$!
#2; !B121B#33C!: ?==5\$8!8&7!85=1%Y!!
M&7!; 73!G7\$C!87%&2!R?7!; 78\$#%8: !
J\$5B!

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R1%,3' 8!)a_b!C]BB!j !)&1F2\$. /!O/F*%. !!

\ '@)/%\$012' 8!0gE. !&L*,2D!2\$!7\$' ' 5. *7&2!/33/72*+/,D!K*2: !&!#&. %/!\$3!&56*/. 7/FG!

/=&)/%\$012' 8!%gE. !&L*,2D!2\$!7\$' ' 5. *7&2!/33/72*+/,Dg!

I' ,91,2+(0')6'+3%, ' 8!)&1F2\$. /!"#/, '* . &#D!O/F*%. !E,2/#. &2*+/F!"#\$%&'72!Z/1\$#2!=Q#*22/. !)\$' ' 5. *7&2*\$\$. @

!

'!(!&)*+,)-!. **-!*/0*1-2-3), +!	4!(!5**-*!*/0*1-2-3), +!	6!(!7/1**8+!*/0*1-2-3), +!
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M&7!\$7=5\$8!;!258!L73!5\$E#2!7; !

X7YEV!: 7%8!52:!5?8!5J!5\$; 7\$[!#2; !8&7!

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

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R1%,3' 8!)a_b[C]NB!j !)&1F2\$. /!O/F%. !J!
\' @)/%\$012' 8!0gE. !&L*,2D!2\$!7\$' ' 5. *7&2!/33/72*+/,D!K*2: !&!#&. %/!\$3!&56*/. 7/FG!
/=&)/%\$012' 8!%gE. !&L*,2D!2\$!7\$' ' 5. *7&2!/33/72*+/,D6!
I' ,91,2+(0')6'+3%, ' 8!)&1F2\$. /!Y*. &,!O/F%. !"#U/72!Z/1\$#2!=Q#22/. !)\$' ' 5. *7&2*\$\$. @

'!(1&)*+!,)-. **-!*/0*1-2-3), +!	4!(15** -+!*/0*1-2-3), +!	6!(17/1**8+!*/0*1-2-3), +!
M&7!\$7=5\$8!1: !258!L733!5\$E#21]7; !	M&7!\$7=5\$8!1: !5\$E#21]7; !#2; !B5: 83C!	M&7!\$7=5\$8!1: !G7\$C!L733!5\$E#21]7; !
X7YEY!: 7%8152: !5?8!5J!5\$; 7\$[!#2; !8&7!	12%3?; 7: !8&7!27%7: :#\$C!; 78#13!85!	#2; !12%3?; 7: !8&7!27%7: :#\$C!; 78#13!
27%7: :#\$C!; 78#13!85!; 7: %\$1H7!8&7!	; 7: %\$1H7!8&7!L5\$0!%5B=3787; Y!!M&7!	85!; 7: %\$1H7!8&7!L5\$0!%5B=3787; Y!!
L5\$0!%5B=3787; !1: !3#%012EY!	H#%0E\$5?2; !8&75\$C!1: !#; 7R?#87Z!	M&7!H#%0E\$5?2; !8&75\$C!1: !
!	H?8!\$737G#28!: 5?%7!12J5\$B#8152!	#; 7R?#87Z!%5B=3787!L18&!\$737G#28!
" #!	B#C!H7!3#%012EY!!M&7!#?8&5\$;!	: 5?%7!12J5\$B#8152Y!!
!	; 7B52: 8\$#87!#L#\$727: :!5J!%5287Q8!	
M&7!#?8&5\$;!; 7B52: 8\$#87!B121B#3!	#2; !=?=\$=5: 7Y!!M&7!3#2E?#E7!1: !%37# \$!	
#88728152!85!%5287Q8!#2; !=?=\$=5: 7Y!!	#2; !8&7!L\$1812E!%528#12: !J7L!	
M&7!3#2E?#E7!; 5B781B7: !1B=7; 7: !	E\$#BB#81%#3!7\$5\$5\$; Y!	
8&7!B7#212E!H7%#?: 7!5J!7\$5\$5\$: !12!		
? :#E7Y!		

!)
A);5(0+<=>\$1)&'?'=1B)+(&)01 (&%0\$)+BB,1B,-+&')' CB' ,-2' (\$+\$-1(0)+(+=>E')+(&)-(\$' ,B, ' \$)&+\$+D)+(&)%3')' (.-(' ' ,-.)
F%&. ' 2' (\$\$1)&, +@)01 (0=%3-1(3"))
) R1%,3' 8!)a_b!OB0B!j!)**,!-. %*. //#. %!>&2/#*&F!
\' @)/%\$012' 8!RgE. !&L*,*2D!2\$!6/+,\$!1&. 6!7\$. 6572!&11#1#*2!/S1/#*' / . 2&2*\$. 4!&. &,DT/!&. 6!* . 2/#1#/2!6&2&4!&. 6!5F/!
/. %* . //#. %!U56%/ ' / . 2!2\$!6#&K!7\$. 7,5F*\$. FG!
/=&)/%\$012' 8!LgE. !&L*,*2D!2\$!6/F*% . !&. 6!7\$. 6572!/S1/#*' / . 2F4!&F!K/ ,!&F!2\$!&. &,DT/!&. 6!* . 2/#1#/2!6&2&6!
! ' ,91,2+(0')6' +3%, ' 8!Y*L/#W#/* . 3\$#7/6!)\$. 7#/2/!' # \$U/72!
!

*!\!D57:1258!B778!70=7%8#8152:!	' !\!" 778:170=7%8#8152:!	/!\!@Q%77; :!70=7%8#8152:!
M&7!\$7=5\$8!3#%0: !8&7!B121B?B! 2?BH7\$!5J!%52%\$787!B108?7:! 277; 7; !J5\$!#!%5B=#\$: 52!5\$!523C! =\$5G!; 7: !8&7!\$7: ?38: !5J!8&7!12181#3! 8\$!#3!B108?7: !L18&5?8!; 1: %?: :152!5J! %52%\$787!%5B=\$7: :1G7!: 8\$72E8&!#2: ! ?218!L71E&8!3!B18#8152:Y! ! " #! ! 0#13: !85!; 1: %?: : !8&7! =7\$J5\$B#2%7!5J! 8&7!: 737%87; !B1Q!; 7: !E2!L18&!\$7E#;\$; ! 85!; ?\$#H1318C!#2; !85?E&27: :Y!	M&7!\$7=5\$8!133?: 8\$#87: !#2!#887B=8!85! 7G#3?#87!#8!37#: 8!8L5!; !J7\$728! %52%\$787!B108?7: !85!: #8!: JC!8&7! 277; : !5J!8&7!J!H7\$!\$7!2J5\$%7; ! %52%\$787!=\$567%8Y!M&7!\$7=5\$8! 12%3?; 7: !8&7!%5B=#\$: 52!#2; ! ; 1: %?: :152!5J!%52%\$787!%5B=\$7: :1G7! : 8\$72E8&!#2: !?218!L71E&8! ; !J7\$727: !#8!#!B121B?B!Y!!! ! \$%&! ! M&7!\$7=5\$8!#3: 5!; 1: %?: : 7: !8&7! =7\$J5\$B#2%7!5J!8&7!: 737%87; ! B108?7!; 7: !E2!L18&!\$7E#;\$; !85! ; ?\$#H1318C!#2; !85?E&27: :Y!	M&7!\$7=5\$8!12%3?; 7: !#18&5\$5?E&! 7G#3?#8152!5J!B5\$7!8!8L5! %52%\$787!B108?7: !85!: #8!: JC!8&7! 277; : !5J!8&7!O!H7\$!\$7!2J5\$%7; ! %52%\$787!=\$567%8Y!M&7!\$7: ?38: ! 12%3?; 7!#!%5B=#\$: 52!5J!%52%\$787! %5B=\$7: :1G7!: 8\$72E8&!#2: !L71E&8! ; !J7\$727: !#352E!L18&!; 1: %?: :152!5J! L5\$0#H1318C!5H: 7\$G#8152: !; ?\$12E! 8\$1#3: Y! ! \$%&! ! M&7!\$7=5\$8!12%3?; 7: !#18&5\$5?E&! ; 1: %?: :152!5J!8&7! =7\$J5\$B#2%7!5J! 8&7!: 737%87; !B1Q!; 7: !E2!L18&!\$7E#;\$; ! 85!; ?\$#H1318C!#2; !85?E&27: :Y! 12%3?; 12E!8&7!%#3?3#8152!5J! 85?E&27: :Y!

! R1%,3' 8!)a_b!OBCN!j!; 5F2&*. &L*,*2D!&. 6!-. +*\$. ' / . 2&,-. %* . //#. %!
\' @)/%\$012' 8!RgE. !&L*,*2D!2\$!6/+,\$!1&. 6!7\$. 6572!&11#1#*2!/S1/#*' / . 2&2*\$. 4!&. &,DT/!&. 6!* . 2/#1#/2!6&2&4!&. 6!5F/!
/. %* . //#. %!U56%/ ' / . 2!2\$!6#&K!7\$. 7,5F*\$. FG!
/=&)/%\$012' 8!LgE. !&L*,*2D!2\$!6/F*% . !&. 6!7\$. 6572!/S1/#*' / . 2F4!&F!K/ ,!&F!2\$!&. &,DT/!&. 6!* . 2/#1#/2!6&2&6!
! ' ,91,2+(0')6' +3%, ' 8!X\$2&!)&#L\$. &2/!&. 6!_\$. W7#&L\$. &2/!c. /FF!\$3!X&1!Q&2/#!8&L\$#&2\$#D!
!

*!\!D57:1258!B778!70=7%8#8152:!	' !\!" 778:170=7%8#8152:!	/!\!@Q%77; :!70=7%8#8152:!
N#\$; 27: :!J\$#%8152: !L7\$7!258! B7#: ?\$7; !B5: 83C!=\$5=7\$3C!?: !2E! 8L5!87%&2!R?7: ?!9<!! " 78&5; !L#: !258!=\$5=7\$3C! ; 73!27#87; ?!9<! <7=5\$8!L#: !258!L73!L!\$8872Y!	N#\$; 27: :!J\$#%8152: !L7\$7!B7#: ?\$7; ! B5: 83C!=\$5=7\$3C!?: !2E!8L5! 87%&2!R?7: Y!" 78&5; !L#: !B5: 83C! =\$5=7\$3C!; 73!27#87; Y!<7=5\$8!&#; ! #===\$5=\$!#87!J5\$B#88!2E!L#: ! \$7#: 52#H3C!L73!L!\$8872!#2; ! %52%1: 7!#2; !%52%3?: 152: !L7\$7!L73! 8&5?E&8!5?8Y!	N#\$; 27: :!J\$#%8152: !L7\$7!B7#: ?\$7; ! =\$5=7\$3C!?: !2E!8L5!87%&2!R?7: Y! " 78&5; !L#: !=\$5=7\$3C!; 73!27#87; Y! <7=5\$8!&#; !=\$5=7\$!J5\$B#88!2E!L#: ! L73!L!\$8872!#2; !%52%1: 7!#2; ! %52%3?: 152: !L7\$7!#%#?#87Y!!

R1%,3' 8!)a_b!ONBB!j!b/\$2/7: . *7&,-. %* . //#. %!8&L!
\' @)/%\$012' 8!RgE. !&L*,*2D!2\$!6/+,\$!1&. 6!7\$. 6572!&11#1#*2!/S1/#*' / . 2&2*\$. 4!&. &,DT/!&. 6!* . 2/#1#/2!6&2&4!&. 6!5F/!
/. %* . //#. %!U56%/ ' / . 2!2\$!6#&K!7\$. 7,5F*\$. FG!

R1%,3' 8!)a_b!ONCB!j!cD6#&5,*7!-. %* . //#. %!8&L!
\' @)/%\$012' 8!RgE. !&L*,*2D!2\$!6/+,\$!1&. 6!7\$. 6572!&11#1#*2!/S1/#*' / . 2&2*\$. 4!&. &,DT/!&. 6!* . 2/#1#/2!6&2&4!&. 6!5F/!
/. %* . //#. %!U56%/ ' / . 2!2\$!6#&K!7\$. 7,5F*\$. FG!

G;)5()+=>\$1)&'?'=1B)+(&)01(&%0\$)+BB,1B,-+>') CB' ,-2' (\$+\$-1(0)+(+=>E')+(&)-(\$,B,' \$)&+\$+D)+(&)%3') (.-(' ' ,-(.) F%&.' 2' (\$)\$1)&, +@)01(0=%3-1(3"

R1%,3' 8!)a_b!NBBB!j !. 2#\$6572*\$\$. !2\$!)**+!,-. %* . // #* . %!
\' @)/%\$012' 8!Vg!E. !&L*,2D!2\$!6/+/\$,1!&. 6!7\$. 6572!&11#1#&2!/S1/#*' / . 2&2*\$\$. 4!& . &,DT/!&. 6!* . 2/#1#/2!6&2&4!&. 6!5F/!
/. %* . // #* . %!U56%/ ' / . 2!2\$!6#&K!7\$. 7,5F*\$\$. FG!
E!. /K!&FF/FF' / . 2!' /&F5#/!75##/. 2,D!L/* . %!6/+/\$,1/6!

R1%,3' 8!)a_b!OBCB!j !; 5F2&*. &L*,2D!&. 6!-. +*\$\$. ' / . 2&,!- . %* . // #* . %!!!
/ %\$012' 8!V!<! ' gE. !&L*,2D!2\$!/S1,&* . !L&F*7!7\$. 7/12F!* . !' & . &%/ ' / . 24!L5F* . /FF4!15L,*7!1\$,*7D4!&. 6! ,/ &6/#F: *1G!
I' ,91,2+(0')6' +3%, ' 8!c\$' /K\$#[!""#\$L,/ ' !\$. !),** &2/!): & . %/!

*!\ID57;!258!B778!70=7%8#8152:!	'!\!" 778:170=7%8#8152:!	/!\!@Q%77; :!70=7%8#8152:!
D1; !258!: ?JJ1%17283C!3!: 8!5\$!; 7: %\$1H7!	^! :87; !#2; !: 5B7L!; 7: %\$1H7; !	
8&\$77!B7#2: !8!: 5%178C!B#C!?: 7!	8&\$77!B7#2: !8!: 5%178C!B#C!?: 7!	
85!: 7R?7: 8\$#8152!%#\$H52!; 15Q1; 7!85!		
12&1H18!%31B#87!%E7Y!		
!		
\$%&!!		
!		
D1; !258!: ?JJ1%17283C!; 7: %\$1H7!8&7!		
B#65\$!27E#81G7!1B=#%8!5\$!1B=#%8: !		
J5\$!7#%&!%#\$H52!: 7R?7: 8\$#8152!		
B78&5; Y!		