

#\$\$%&' (!) *+, -%!
/01 (&' 02*!\$3!#\$+\$&, 4\$5!6\$%+4 (&
7/2&\$4%820\$/!2\$!)2, 20' 208' !902: !#\$; <%2(&! =<<+08, 20\$/!
>8\$/; 08' !?@"@ABCB!
)<&0/D!CB"@!

!

E&\$3(' '\$&FIG08: \$+, '!>H!I+\$&('!
J3308(F!>8\$/; 08' !K; H8\$/\$902!MNC
A@"MO!

>; ,0+!G08: \$+, 'H!I+\$&(' P#\$+\$&, 4\$H(4%!
J3308(!Q\$%&' !R!CA?<H; H!RQ!CAM!<H; H, /4!- *!, <<\$0/2; (/2!
!

#+, '' &\$; F!#+, 0&(!CBS!
#+, '' !T((20/D!R0; (F!R!RQ!NF?B!; H; H!U!" BFMO!; H; H!
!

K(V%0&(4!R(W2-\$X!
!" #\$\$%&' ()\$*+&), ()#-\$./, &,' , ()' 0\$1" \$23(, (-45!- *!Y, 104!T \$\$&(5!Z 0++0, ; !T \$2[5!, /4!
T08: , (+! +0D/(&H!R: (!8\$%&' (!' ('!2: (!), <+0/D!\ (, &/0/D!' *' 2(; !<&\$104(4!- *!2: (!
<%-+0': (&H!R: (&(!0' !/\$!8: , &D(!3\$&!2: 0' !' (&108(!, /4!02!8\$; ('!902: !3&(!, 88(' ' !2\$!, /!
\$/+0/(!1 (&' 0\$/!\$3!2: (!-\$X\$H!R: (!-\$X\$50/!-\$%/4!, /4!+\$ \$' (A+, 3!1 (&' 0\$/50' !, +' \$!
, 1, 0+, -+(!, 2!2: (!-\$X' 2\$&(103!*%\$!9, /2!, !: , &4!8\$<*H!!
!

#+, '' !R(8: /\$+\$D*!
/&56(47\$8#&+4(47\$/9' , #: !
R: (!8\$%&' (!90++!%' (!2: (!), <+0/D!\ (, &/0/D!' *' 2(; !3\$&!; \$; (9\$&X!, /4!' \$; (!V%0[[(' H!7!
90++!<&\$104(!*\$%!, !' 0D/A%<!8\$4(1- *!(; , 0+, /4!*%\$!8, /!('2, -+0': !*\$%&!), <+0/D!
\ (, &/0/D!, 88\$%/2!3&(!\$3!8: , &D(H!!) \$%!, %' 2!%' (!2: 0' !' *' 2(; !3\$&!; \$; (9\$&X!, /4!' (+82!
V%0[[(' H
; 60)<#+' !A!R: (!8+, '' !, /4!' (820\$/! '90++!%' (!8+08X(&' !, /4!2: (&(3\$&(!*\$%!'90++!/(4!2\$!
-&0/D!*%\$&!8+08X(&!2\$!(1 (&'!8+, '' !, /4!' (820\$/H!!
=&43\$=#63\$; &6)>6&, -+!U!] \$%!'90++!/(4!, !8, +8%+, 2\$&!2\$!4\$!8, +8%+, 20\$/! !0/!8+, ' ' 5!
<, &208%+, &+*!4%&0/D!(W, ; ' H!] \$%!'8, //2!%' (!*\$%&!<: \$/(!\$&!-\$&&\$9!*\$%&!/(0D: -\$&^!
8, +8%+, 2\$&!4%&0/D!(W, ; ' H!_&, <: 0/D!8, +8%+, 2\$&' !2: , 2!: , 1(1-%0+2A0/!' 2, 20' 208, +!3%/820\$/!'
, &(!&(8\$; ; (/4(45!(H!R7A@?!)\$&!R7A@M!!] \$%!'90++!/(4!2\$!-(1 (&' (4!0/!' 0/D!2: (' (!
8, +8%+, 2\$&' !3\$&!(W, ; ' H!
2?)#6!U!Q\$; (9\$&X!, /4!&(802, 20\$/!90++!0/1\$+1(!2: (!%' (!3!T08&\$' \$32!>W8(+H!!
!

#+, '' !)%<<\$&2!
R: (&(!, &(!2: &(!9, *' !*\$%\$!8, /!D(2!: (+!902: !2: (!8\$%&' (H!R: (!2(, 8: 0/D!, ' ' 0' 2, /2!, /4!
<&\$3(' '\$&!; , 1(!&(D%+, &!\$3308(!: \$%&' H!7/!, 44020\$/!2: (!8\$/; 08' !4(<, &2; (/2!<&\$104(' !
3&(!2%2\$&0/DH!7/3\$&; , 20\$/!, 2!
: 22<' F`999H8\$+\$&, 4\$H(4%`>8\$/; 08' `%/4(&D&, 4%, 2(`2%2\$&0, +A+, -H<43!
Y\$!/\$2!3, ++(-: 0/4!0/!2: 0' !8\$%&' (H!'. ' (!2: (!: (<+!, 1, 0+, -+(!2\$!*%\$!2\$!0/!\$&4(&!2\$!; , ' 2(&!
2: (!; , 2(&0, +H!!

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#\$\$%&'(!J1(&10(9!

R: (!<%&<\$'(!\$3!2: 0'!8\$%&'(!0'!2\$!0/2&\$4%8(!*\$%!2\$!2: (!<&0/80<+(!'\$3!'2, 20' 208, +!
 &(',\$/0/D!, /4!0/3(&/8(H!R\$!2: 0'!(/4!2: (!%+20; , 2(!D\$, +'!\$3!2: (!8\$%&'(!, &(!3\$&!*\$%!2\$!
 2: \$\$%&D: +*!%/4(&'2, /4!2: (!3\$+90/D!8\$/8(<2'F!', ; <+0/D!40'2&0-%20\$/ '5! : *<\$2: ('0'!
 2('20/D\$!, /4!8\$/304(/8(!0/2(&1, +'!, 8&\$' ' !; %+20<+(!'220/D'!8\$1(&(4!0/!2: (!8\$%&'(H!
 R: 0'!3\$%/4, 20\$/ , +8\$%&'(!0'!' ' (/20, +2\$!*%\$&!%88(' '0/!2: (!'2%4*!\$3!(8\$/; 08'H!#. !
 (8\$/; 08'!MBBBA+(1(+8\$%&'('!&(V%0&(!X/\$9+(4D(!\$3!-, '08!'2, 20' 208, +!&(',\$/0/D!, /4!
 %/4(&'2, /40/DH! !%&2: (&!\$%&!&(V%0&(4!(8\$/; (2&08'!8\$%&'('!-%0+4!40&(82+*!\$3!\$3!2: 0'!
 8\$%&'(H!

!

R: (!8\$%&'(!8\$/ '0'2'!\$3!301(!8+\$' (+*!&(+, 2(4!<, &2'H!R: (!30&'2!<, &2!\$3!2: (!8\$%&'(!
 0/2&\$4%8('!9, *'!2\$!(W<+&&(!4, 2, !%'0/D!10'%, +!, /4!/%; (&08, +!; (2: \$'4'H!R: (!'8\$/4!
 <, &2!\$3!2: (!8\$%&'(!<&\$104('!, /!\$1(&10(9!\$3! : \$9!4, 2, !0'!<&\$<(&+*!8\$+(82(4H!R: (!2: 0&4!
 <, &2!\$3!2: (!8\$%&'(!0/2&\$4%8('!*\$%!2\$!-, '08!<&\$-, -0+02*!2: (\$&*5!; , a&\$!40'8&(2(!, /4!
 8\$/20/%\$%!'!<&\$-, -0+02*!40'2&0-%20\$/ '5!, /4!; , 2: (: , 208, +!(W<(82, 20\$/H!R: (!3\$%&2: !<, &2!
 \$3!2: (!8\$%&'(!0/2&\$4%8('!*\$%!2\$!', ; <+0/D!40'2&0-%20\$/ '5!8\$/304(/8(!0/2(&1, +'5!, /4!
 : *<\$2: ('0'!2('20/DH!R: (!3032: !, /4!30/, +!<, &2!\$3!2: (!8\$%&'(!0'!, +!, <<+0(4!'2, 20' 208, +!
 0/3(&/8(!0/8+%40/D!0/3(&/8(!, -\$%2!2: (!; (, /!\$3!, !<&\$-, -0+02*!40'2&0-%20\$/5!0/3(&/8(!
 , -\$%2!4033(&/8('!0/!29\$!<\$<%+, 20\$/!; (, /'5!0/3(&/8(!, -\$%2!, !'0/D+(!&\$<\$&20\$/!
 3&\$; !, !<\$<%+, 20\$/5!0/3(&/8(!, -\$%2!4033(&/8('!0/!<&\$<\$&20\$/ '!3&\$; !29\$!<\$<%+, 20\$/ '5!
 , /4!0/3(&/8(!, -\$%2!'0; <+(!&(D&(' '0\$/H!

#\$\$%&'(!R\$<08'!

#: , <2(&!B!_(220/D!)2, &2(4!!
 #: , <2(&! "E082%&0/D!Y0'2&0-%20\$/ '!902: !_&, <: '!!
 #: , <2(&!C!Y('8&0-0/D!Y0'2&0-%20\$/ '!902: !G%; -(&'!!
 #: , <2(&!? !R: (!G\$&; , +!Y0'2&0-%20\$/ '!!
 #: , <2(&!M!)8, 22(&<+\$2'!, /4!#\$\$&&(+, 20\$/!!
 #: , <2(&!O!K(D&(' '0\$/!!
 #: , <2(&!b!R9\$AZ, *!R, -('!!
 #: , <2(&!S!>W<+&&0/D!Y, 2, F!E, &2!7!K(10(9!!
 #: , <2(&!@!E&\$4%80/D!Y, 2, F!), ; <+0/D!!
 #: , <2(&!N!E&\$4%80/D!Y, 2, F!>W<(&0; (/2'!!
 #: , <2(&! "B!Y, 2, !>2: 08'!!
 #: , <2(&! " "E&\$4%80/D!Y, 2, F!E, &2!7!K(10(9!!
 #: , <2(&! "C!7/2&\$4%80/D!E&\$-, -0+02*!!
 #: , <2(&! " ?!_(/(&, +!K%+('!\$3!E&\$-, -0+02*!!
 #: , <2(&! "M!60/\$; 0, +!Y0'2&0-%20\$/ '!
 #: , <2(&! "O!), ; <+0/D!Y0'2&0-%20\$/ '!!
 #: , <2(&! "b!#\$/304(/8(!7/2(&1, +'F!R: (!6, '08'!!
 #: , <2(&! "S!R('2'!\$3!)0D/0308, /8(F!R: (!6, '08'!!
 #: , <2(&! "@!7/3(&/8(!0/!E&, 8208 (!!
 #: , <2(&! "N! !&\$; !Y, 2, !E&\$4%820\$/!2\$!7/3(&/8(F!E, &2!7!K(10(9!!
 #: , <2(&!CB!7/3(&/8(!, -\$%2!, !E&\$<%+, 20\$/!T(, /!!
 #: , <2(&!C" !#\$\$; <, &0/D!R9\$!T(, /'!!

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#: , <2(&!CC!7/3(&/8(!, -\$%2!, !E\$<%+, 20\$/!E&\$<\$&20\$/!!
#: , <2(&!C?!#\$\$; <, &0/D!R9\$!E&\$<\$&20\$/'!!
#: , <2(&!CM!7/3(&/8(!, -\$%2!L, &0, -(' F!E, &2!7L!K(10(9!!
#: , <2(&!Cb!7/3(&/8(!3\$&!K(D&(' ' 0\$/!!
!

E&(&(V%0' 02(' F!>8\$/!CB" B!, /4!>8\$/!CBCB!, /4!(02: (&!>8\$/!" B@@!\$&!T, 2: !" B@"!\$&!
T, 2: !" ?BB!\$&!T, 2: !" ?" B!\$&! =EET!" ?OB!c, +!; 0/0; %; !D&, 4(!#AdH!K(' 2&082(4!2\$!
' 2%4 (/2' !902: !CCA" @B!%/02' !8\$; <+(2(4H!!

!
>1, +% , 20\$/!
Q\$; (9\$&X! ! "0e!
K(802, 20\$/! ! "Be!
7/A8+, ' ' !# +08X(&! 0e!
T042(& ; !" ! ! CBe!

=22(/4, /8(!E\$+08*!

Y, 0+*, 22(/4, /8(!90+!-(!2, X(/!3\$&! (, 8: !8+, ' 'H!) \$%!; %' 2!, 22(/4!, !; 0/0; %; ! \$3!@Be! \$3!
2: (!+(82%&(' !0/!\$&4 (&!2\$!<, ' ' !2: (!8\$%&' (!, /4!' (<, &, 2(+*!2: (!&(802, 20\$/!H!73!* \$%!; 0' ' !
; \$&(!2: , /!CBe! \$3!2: (!+(82%&(' 5!* \$%!90+!&(8(01 (!, /!, %2\$; , 208! !0/!2: (!8\$%&' (H!73!* \$%!
; 0' ' !; \$&(!2: , /!CBe! \$3!2: (!&(802, 20\$/ ' 5!* \$%!&(8(01 (!, ! [(&\$!3\$&!2: (!&(802, 20\$/!D&, 4 (H!
=22(/4, /8(!90+!-(!&(8\$&4 (4!2: &\$%D: !8+08X(&!&(' <\$/' (' !0/!8+, ' ' H
!

! =##JTTJY=R7JG! JK!Y7)=67\7R7>!)!

!7! !]J. !g. =\7!]! JK! =##JTTJY=R7JG!)6>#=.)>]J! !=Y7)=67\7R7]5E\>=>!)!. 6T7R!]J. K!
=##JTTJY=R7JG!\>RR>K! KJT!Y7)=67\7R7!]>KL7#>!)R!]J. K! ! =#. \R!]T>T6>K!]G! =!R7T>\]!
T=GG>K!]IRQ=R!]J. K!G>>Y!)#=#G!6>! =YK>))>YH!Y7)=67\7R7!]>KL7#>!)Y>R>KT7G>!)!
=##JTTJY=R7JG!)6=>Y!JG!YJ#. T>GR>Y!Y7)=67\7R7>!)G!RQ>! =#>Y>T7#!>GL7KJGT>GRH!
7G! JKT=R7JG!JG!K>g. >)R7G_! =##JTTJY=R7JG!)7!]J#>R>Y!JG!RQ>!Y7)=67\7R7!]>KL7#>!)!
Z>6)7R>]CZ Z #J\JK=YJ!>Y. `Y7)=67\7R7!]>KL7#>)`R. Y>GR)dH!#JGR=#R!Y7)=67\7R7!
>KL7#>!) =R! ?B?AMNCA@bS" !JK!Y)7G!J#P#J\JK=YJ!>Y. ! JK! . KRO>K! =))7)R=G#>H!7! !]J. !
Q=L>! =!R>TEJK=K!]T>Y7#=#\#JGY7R7JG!JK!Gf. K]5!>>!R>TEJK=K!]T>Y7#=#\#JGY7R7JG!]
. GY>K!RQ>!)R. Y>GR!R=6!JG!RQ>!Y7)=67\7R7!]>KL7#>!)Z>6)7R>! =GY!Y7)#.))!]J. K!G>>Y!)Z7RQ!
]J. K!EK!]>))JKH!
!

K>\7_7J.)!QJ\7Y=J)!

#, ; <% ' !<\$+08*!&(D, &40/D!&(+0D0\$%' ! \$-' (&1, /8(' !&(V%0&(' !2: , 2!3, 8%+2*!; , X(! (1 (&*!
(33\$&2!2\$!4 (, +&(' \$/, -+*, /4!3, 0&+*!902: !, +! ' 2%4 (/2' !9: \$5! - (8, %' (! \$3!& (+0D0\$%' !
\$-+0D, 20\$/ ' 5! , 1 (!8\$/+082' !902: !' 8: (4%+(4!(W, ; ' 5!, ' ' 0D/; (/2' ! \$!&!(V%0&(4!
, 22(/4, /8(H!7/!2: 0' !8+, ' ' 5hh ii!
)((!2: (!8, ; <% ' !<\$+08*!&(D, &40/D!&(+0D0\$%' ! \$-' (&1, /8(' !3\$&!3%+!4 (2, 0+ ' H
!

#\=))KJJT!6>Q=L7JK!

)2%4 (/2' !, /4!3, 8%+2*! (, 8: !: , 1 (!&(' <\$/' 0-0+02*!3\$&!; , 0/2, 0/0/D! , /!, <<&\$<&0, 2(!
+(&, &0/D! (/10\$&/; (/2H!R: \$' (!9: \$!3, 0+!2\$!, 4: (&(!2\$!' %8: !- (: , 10\$&, +! 2, /4, &4' !; , *!
-(!' %>a(82!2\$!140' 80<+0/(HE&\$3(' ' 0\$/ , +8\$%&2(' *!, /4!' (/ ' 020102*!, &(!(' <(80, ++*!
0; <\$&2, /2!902: !&(' <(82!2\$!10/40104%, +!, /4!2\$<08' !4 (, +0/D!902: !&, 8(5!8\$+\$&5!/, 20\$/ , +!
\$&0D0/5! (W5!<&(D/ , /8*5!, D(5!40' , -0+02*5!8&((45!&(+0D0\$%/5! (W%, +!\$&0 (/2, 20\$/5!D (/4 (&
04 (/202*5!D (/4 (&!(W<&(' ' 0\$/5!1 (2 (&, /! 2, 2% 5!<\$+0208, +!, 330+0, 20\$/!\$&!<\$+0208, +!
<: 0+\$' \$<: *H!#+, ' ' !&\$' 2(&! , &(!<&\$104 (4!2\$!2: (!0/ ' 2&%82\$&!902: !2: (!' 2%4 (/2j' !+(D, +!
/, ; (H!7!90+!D+, 4+*! : \$/\$&!*\$%&!&(V%(' 2!2\$!, 44&(' ' !*\$%!- *!, /!, +2(&/, 2(!/, ; (! \$&!
D (/4 (&!<&\$/\$%/H!E+(, ' (!, 410' (!; (! \$3!2: 0' !<&(3 (&/8(! (, &+*!0/!2: (!' (; (' 2 (&! \$!2: , 2!7!
; , *!; , X(!, <<&\$<&0, 2(!8: , /D(' !2\$!; *!&(8\$&4' H! ! \$&!; \$&(!0/3\$&; , 20\$/5! ((!2: (!
<\$+080(' !\$/!8+, ' ' &\$&; !- (: , 10\$&! , /4!2: (!)2%4 (/2!# \$4 (! \$3!# \$/4%82H!
!

)>k. =\!T7)#JGY. #R5!Y7)#K7T7G=R7JG5!Q=K=))T>GR! =GY` JK!K>\=R>Y!K>R=\7=R7JG!
R: (!. /01 (&' 02*! \$3!# \$+\$&, 4\$!6\$%+4 (&!c#. !6\$%+4 (&d!0' !8\$; ; 022(4!2\$!; , 0/2, 0/0/D! , !
<\$' 0201 (!+(, &/0/D5!9\$&X0/D5! , /4!+010/D! (/10\$&/; (/2H!#. !6\$%+4 (&!90+!/\$2!2\$+(&, 2(!, 82' !
\$3! (W%, +!; 0' 8\$/4%825!40' 8&0; 0/ , 20\$/5!; , &, ' ' ; (/2! \$!&!&(+, 2(4!&(2, +0, 20\$/!, D, 0/ ' 2! \$!&- *!
, /*!(; <+ \$* ((! \$!&! 2%4 (/2H!#. ^!) (W%, +!T0' 8\$/4%82!E\$+08*!<&\$: 0-02' !' (W%, +!, ' ' , %>25!
' (W%, +!(W<+\$02, 20\$/5! (W%, +!; , &, ' ' ; (/25!0/20; , 2(!<, &2/(&! , -%' (!c4, 20/D! \$!&!4\$; (' 208!
!

10\$(/8(d5! 2, +X0/D!\$&!&(+, 2(4!&(2, +0, 20\$/H#. !6\$%+4 (&^!Y0' 8&0; 0/, 20\$/!, /4!
Q, &, '' ; (/2!E\$+08*!<&\$: 0-02'!40' 8&0; 0/, 20\$/5!: , &, '' ; (/2!\$&!&(+, 2(4!&(2, +0, 20\$/!-, '(4!
\$/!&, 8(5!8\$+\$&5!/, 20\$/ , +!\$&0D0/5! (W5!<&(D/, /8*5!, D(5!40' , -0+02*5!8&((45!&(+0D0\$/5! (W%, +!
\$&0(/2, 20\$/5!D(/4 (&!04 (/202*5!D(/4 (&(W<&(' '0\$/5!1(2(&, /!' 2, 2%' 5!<\$+0208, +!, 330+0, 20\$/!\$&!
<\$+0208, +!<: 0+\$' \$<: *H7/40104%, +'!9: \$!- (+0(1(!2: (*!: , 1(!- ((/' % -a(82!2\$!; 0' 8\$/4%82!
%/4 (&!(02: (&!<\$+08*!' : \$%+4!8\$/2, 82!2: (!J3308 (!\$3!7/' 202%20\$/ , +!>V%02*!, /4!#\$; <+0, /8(!
cJ7>#d!, 2! ?B?AMNCAC" CSH7/3\$&; , 20\$/!, -\$%2!2: (!J7>#5!2: (!, -\$1(!&(3(&(/8(4!<\$+080(' 5!
, /4!2: (!8, ; <%' !&(' \$%&8('!, 1, 0+, -(!2\$!, ' ' 0' 2!0/40104%, +'!