



" #\$\$%&'()!(+,-'#(,./(&(),!&%,!012',,%&32,!(*!4&'5!.#66,%,'(!,782*#(&(#0,!5'&4#9):&'!.*(!;1)!(&'!&%(+&<)!=#',5&%>!

?,(,%,!/,@,%%5!!

AB!C9(!DADDE!FFGHI!&4!!

!

J2*%#.&!K*0,% '*%L*'!M, /&'(#<)!&((,'(#*'N\$,((#'\$!)(1'(O625#'\$!6#6(5!=,' ,P1,2&'!4#\$%&'!)!6*4! /&'!Q'(*'##!(*!'&%(+&<)!=#',5&% . O+&!)3,, 'R#. ,25!&'!;1)(#6#&325!9*' . ,4', .>!S1(E!&!) 6%,T1,'(25!*991%)!#')!19+!9*'(%*0,%)#,)E!4*)(!*6!(+*),!. *#'\$!(+!,!9*' . ,4'#'\$!+&0,!2*)(!&22! 8,%)8,9(#0,>!

M, /&'(#)!#)!&!L,8132#9&'E!)!6,R!*6!+#!)4&'5!9%#(9)!+&0,!3*(+,%,.!(!*9*48&%,!+#!)(1'(!R#(+! % ,9,'(!4*0,)!35!(R!*M,4*9%&()E!U+#9&\$*!'&5*%V*%#V#\$+(6**(!&'!W22#'*#!)K*0,% '*%X>S>! ?%#(P@,%>!Q6(,%! . , '*1'9#'\$!&'*(+,%L,8132#9&'E!Y,7&!)K*0,% '*%K%, \$!Q33*(E!6*%+#!)1'#2&(,%&2! 8*2#95!*6!31#'\$!(+*1)&' .)!*6!4#\$%&'()!(*)&'9(1&%5!9#(#,)!19+!&!)U+#9&\$*!'&'!Z,R! [*%@E! V#\$+(6**(!&'!?!%#(P@,%!,48+&)#P, .!(+&!(+,#%!,1%#)#9(##')!&%,!*8,'(!*)19+!8*812&(##')!# ' ! .#)(% ,))> [,(!(+,5!(+, '18%*9, . . .!(!*4*0,!)#7(5N6*1%!=,' ,P1,2&'!4#\$%&'()!(*)&'!+*(,2!#!'!&'! *1(25#'\$!;1%#)#9(##'E!(+,!,71%3&'!9*441'#(5!*6!S1%L#.\$,E!R#(+*1(!'*(#65#'\$!&'5!*6!(+,! *66#9#&2)!(+,%>!Z*(!)1%8%#)#\$25E!(+,!4&5*%!*6!S1%L#.\$,E!L,8132#9&'!R+*!+&!)!,78%,), .!'!*&' #441)!(R&% .!(+,!4#\$%&'()E!+&!)!(% , '1*1)25!9%#(9#P, .!+#!)6,22*R!,2,9(, .!*66#9#&2)>!

Y+,!8*#'(#!)!*(!&8&%(#)!&'!*',>!U2,%&25E!'!*!*', O*'!,#(+,%!)# . ,!*6!(+,!&#)2, O@*'R)!T1#(!R+&(!(*! . *!R#(+E!%!*6*%E!(+,!+1' . % , .)!*6!(+*1)&' .)!*6!4#\$%&'()!'*R!)(% ,&4#'\$!&9%*))!1%!)1(+,%!'!3*% . , %>! X1)!(&!)92,%&25E!#(#!)(#4 ,!(*!)(*8!&' . !,7&4#',!*1!&))148(##')!&3*1(!(+,!\$*&2)!&'!4*(#0,)!*6! (+*),!), @#'\$!(*!,' ,%!*1!9*1'(%5>!Q'!#!(#!)9,%!(#4 ,!(*!)(*8!9&8#(&2#P#'\$!*'!(+,!9+&22,'\$,)! 8*), .!35!(+,!%,9*% .!'143,%)!*6!4#\$%&'()!(*)&@,!8*+*+&!)&!(+*),!&4*'*\$!1%16,22*R!9#(P,')! R+*4!R,!+&0,!2,&% , .!4*)(!, '(+1)#&)(#9&225!(*!0#2#65>!

Y*!3,\$#E!#(#!)9%#(9#&2!(*!&9@*'R2, . \$,R+&(R,!. *!/'#@*'R!&3*1(!(+,)!4#\$%&'(>!W'!%,)8*'),!(*! . %&4&(#9!&' .!9*'(%*0,%)#&2!9+&'\$,)!#!!(+,!#482,4,'(&(#*'!*6*1%#44#\$%&(#*'!2&R)E!4*%,!&'! .! 4*%,!#'.#0#.1&2)!&%#0#'\$!&(!*1%)*1(+,%!'!3*% . ,%!&%,!'*(!,9*' *4#9&225!4*(#0&(.!4#\$%&'()!), @#'\$!(*!,' ,%)1% ,8(##*1)25>!W')(& . E!(+,5!&%,!8%,)'(#'\$!(+,4),20,)! . % ,9(25!(*!3*% . ,% ! *66#9#&2)!&!)&5214!&882#9&'()!6,%#'\$!6*%!(+,#%!2#0,)!&'!&'!&6,(5>!Q' .!R+#2,!(+,!=,' ,P1,2&'!#!' ! (+,)!%,9,'(9*'(%*0,%)#,)!&%,!62,##'\$!#(1&(#*'')!(+&!(4#\$%&!(T1&2#65!(+,4!6*%!,61\$, ,!)(&1)E!#(#!) 6&%!6*4!9,%&#'(+(!&22!*6!(+,),!91% , '(!4#\$%&'()E!*%!,0,'!4*)(!*6!(+,4E!4 , ,!(+*),!9%#(,%#&>!W'! &'5!,0,'(E!=' ,P1,2&'!)% ,8%,)'(!;1)!(*' ,!),\$4,'(!*6!(+,!+1' . % , .)!*6!(+*1)&' .)!*6!#'.#0#.1&2)! 6*4!0&%#*1)!&(#*'')R+*!+&0, O6*%!.#0,%),!&'!.*6('!2,\$#(#4&(!,%&)*')O3,,'!&%#0#'\$!&(!*1% !)*1(+,%!'!3*% . ,%!&%,!9*'(%#31#'\$!(*!(+,!9+&*)!&' .!9*61)##'!(+,%,>!

C30#*1)25E!# 4 4#\$%&(#* '!*66#9#&2)!6&9,!.&1'# '\$!.#66#912(#,)!.,(% 4# '# '\$!R+*!&4* '\$!(+,),!
(+*1)&' .)!+&0,!2,\$#(#4 &(!92)!(*!%,61\$,,!)(&(1)! [,(!9* '6*1' .# '\$!(+,'9+&22,'\$,!#)!(+,!
45(+*2*\$5!(+&(!+&!)9*4,!(*!, '0,2*8!*1#!# 4 4#\$%&' (!+#)(*%5>!J*%!(+#+)E!2**@!' *!61%(+,%!(+&'!(+,!
/(&(1,!*6!V#3,%(5E!&' .!)!(+,!R*% .)!*6!\ 4 4 &!V&P&%1)<)*' ',(!#')9%#3,.!*' !#(!3&),>!M,)#\$' &('# '\$!
V&.5!V#3,%(5!(+,!] " *(+,%!*6!\ 7#2,)E^!V&P&%1)!)*1\$+(!*!4, 4 *%#&2#P,!(+,'182#\$+(!*6!+,%IX,R#)+!
3%*(+,%)!&' .!)#(,%)!166,%# '\$!Y)&%#)!(8,%),91(#* '!# '! \ &)(,%' !\ 1%*8,>!W'!)!.*#' \$E!)+,!+,28,.!
%,0#0,!(+,!J*1' .,%<!0#,R!*6!Q 4 ,%#9&!&)!&!%,61\$,!6%* 4!\ 1%*8,&'!*88%,))#* '>!S1(!)+,!&2)*!
4 &' &\$, .!(!*!# 4 8%# '(!*'!(+,!4 #22#*')!*6! 4#\$%&' (!R+*!8&)),. !1' .,%!V#3,%(5<)!(*%9+!(+,!# 4 &\$,!*'(!
d)(#4 4#\$%&' (!+&!)9*4,!(*!, '0,2*8!*1#!# 4 4#\$%&' (!+#)(*%5>!J*%!(+#+)E!2**@!' *!61%(+,%!(+&'!(+,!
4.#4#)!5!9)0#2\$!(#)3%2(&+)05(56(2)02(4)0.2(&)0.2(\$#)0.22,+, 40,# " E^!+ #66)0.22,&' (&)0.2..2+, 4

(+,!- '#(,./(&(,)!+&)!#'0&%##325!3,, ' !8,*82,. !35!4#\$%&'(!),&\$,%!(*)),(2,!.*R'!+,%,!
8,%4&' ,(25>!

b +, '!(+,!4#\$%&'(!)#!T1,) (#*'!&%,!5*1 '\$!8,*82,E!,)8,9#&225!5*1 '\$!4, '!91(!2**),!6%*4!(+,!3*' .)!
*6!6&4#25!&' .!9*441 '#(5!3&9@!+*4 ,E!(+,5!4&5!3,!R#22#' \$!(*(!&@,!&..#(#*' &2!%#)@)!(+&(!8%1., '9,!
R*12.!&.0#),!&\$&#')(>!Q' .!(+,!,66,9(!*6!4#\$%&' (!<)+*%(N(%4!(#4 ,!+*%#P*')!&%,!+&% .25!9*'6#', .!
(*!(+,!R*%@82&9,>!J*%!,7&482,E!(+,5!&2)*!%,)12(!# ' !&!R#22#' \$',))!(*!81(!18!R#(+!8**%12#0#' \$!
9*' .#(#*')!&!(+,!+&' .)!*6!1')9%1812*1)!2&' .2*%.)E!*%!(#!.%#0,!4*(%*!0,+92,)!R#(+*1(!8%*8,%!

(+, !U+&2,)!/(, R&%(" *((!J*1' .&(#*'E!&' !(+, ! " &9Q%(+1%J*1' .&(#*'>!Y+, !*%\$&' #P&(#*' <)!6, . . %&2!
J*% 4!eeA!`(*!), 91%, !(&7!, 7, 4 8!)(&(1)a!)(&(,)!(+&!#(!) 4#))#* ' !#)!(*!3%# '\$!&3*1(!&!4 *%, !# '921)#0, E!
, T1#(&32, !&' .!)1)(&# ' &32, !R&5!*6!2#6, !6*%V&(#*' !# 4 4 #\$\$&' (!9* 4 4 1 '#(#,)!2#0# '\$!#!(+, ! - '#(, .!
/(&(,)!&' .!&9%*)!(+, !Q 4, %9&)>!S5!R*%#@# '\$!(%&')' &(#*' &225!R#(+18&%(' , %) !6%* 4 !9#0#2!) *9#, (5!&' .!
\$*0, % ' 4, 'E!*\$&' #P, . !2&3*%!&' .!6&#(+N3&), . !9* 4 4 1 '#(#,)E!R, !+*8, !(*!9%, &(, !&!4 *%, !. # '\$ '#6#, .!
&' .!;1)(!R&5!*6!2#6, !6*%!&22!8, *82, !#!(+, !Q 4, %9&)>^!

U2, &%25E!&' !& 4 3#(#*1)E!#6! '*(!\$%&' .#*), E!), (!*6!*3;, 9(#0,)>[, (!&!V&(#*' !9*22, &\$1, !*6!4 #', E!&!2#6, N
2* '\$!,)# ., ' (!*6!U+#9&\$*!&' .!+#\$+25!0#)#32, !9* 4 4 1 '#(5!2, &. , %!R+*!@*'R)!R+, %, !&22!(+, !3* .# ,)!
&%, !31%#, .!' &' .!+, 28, .!31%5!) *4, !*6!(+, 4 aE!+&!)', 0, %!+, &% .! *6!Q2#&' P&f!

W' !%, 9, ' (! . &5)E!* ' , !%, &.)!(+&!&(!2, &!)!)* 4, !*6!(+, !4 #\$\$&' (!)+#88, . !*66!35!)+& 4, 2,))E!\$%&' .N
)(&' .# '\$!8*2#(#9#&')!(*!82&9,)!2#@, !U+#9&\$*E!Z, R! [*%@E!&' .!, 0, '!' &%(+&<)!=#', 5&% .!&%, !' *(
, '#(#, 25! .#)82, &), . !R#(+!R+&(!+&!)!+&88, ', . !(*!(+, 4 !)*!6&%!# ' !Q 4, %9&>! / *!(+, !T1,)(#*' !&#),)E!
R+*), !)(&' .&% .)!&' .!#'(, %,)!)+&0, !3, , ' !0*#9, .!# '!(+, !%, 9, ' (!*1(8*1# '\$!*6!*1(%&\$, d!!Y+*), !*6!
(+, !4 #\$\$&')E!*%!(+*), !*6!(+, #%!&. 0*9&(,)d!Y*!3, !)1%, E!Q 4, %9&')!)+*12. !' *(!3, !, 78, 9(, . !(*!)&' .!
35!R+#2, !4 #\$\$&')!\$, (!, 782*#(, .>[, (!*1%!*1(%&\$, !' , , .)!(*!3, !(, 4 8, %, . !35!(+, !%, &2#P&(#*' !+&(!
(+, %, !&%, !4 &' 5!R&5)!(*!, 782*#(!4 #\$\$&') O &' .!+&(!*!0&%5# '\$! ., \$%, ,)!R, !&%, !&22!9* 4 82#9#(1# '!(+##)
. 5' & 4 #9>!J# ' &225E!R, !4 1)(!3, &%!# ' !4 # ' .!+&(!4 #\$\$&')<8%*92#0#(5!(*!(&@, !9+&' 9,)!&' .!9%91 4 0, '(!
6*% 4)!&' .!%12,)!6&9#2#(&(,)!, 782*#(&(#0, !%, 2&(#*')+8) O &' .!#)!* ', !%, &)* '!(+, 5!&%, !0&21&32, !(*!1)>!

!'"#\$%&' '\$\$(-, +; ' "0. ++ "' - "0-; "%, #, 4\$%-+4, . !4. -\$#-< "+##" !-="%%.) .>-\$0. %% " ?-\$#-#/. -@!+#, #&# .-0"' -
1*8\$!4. *- .#&* ., +, !-=&%#&' .-\$#-#/. -A!, 8. '+, #B- "0-C, '), !, \$>-\$! *-\$4" !#', (&#, !) . * , # "' - "0-Q 4, %9&' !
?1%8*), >!