!"##"\$%&'()*+&,\$##"-./&0\$1%2".& 34%1456&789&\$87: ,5/#";/%<)#&0\$%=/5/%2/&>\$\$*&?@:8A:@88&,!&

B<</%;//#@&

"#\$%&!'%&()*+%,-!.\$/01!2%11\$13401-!5(/!.+67(/(1\$(/-!807#(1!9013-!'(&%7\$%!9013-!8(1\$%!:(7;\$(-!<7%4!=(4)01-!<%71(#\$1%!>?+;@**!@A**%!<7\$#3%)-!.(\$147(!B?(\$-!"1+!C?(11(-!"/A!

"1+!C?(11(K!: \$M%1!4?\$)!; O14%L4-!?OP!#O%)!4?%!1%P!. >99!\$ / D(; 4!O+7!7%)O+7; %!(&O; (4\$O1c!R1!4?%!7%\$ / (3\$1\$13!\$1\$4\$(4\$M%-!P%!?(M%!47\$%#!40!D\$1D0\$14!4?%!D(\$1!D0\$14)!(1#!(7%()!00!07+)47(4\$O1!(; 70))!4?%!#\$)47\$; 40!" &&\$1 MO&M%#!P(14!47(1)D(7%1; A-!300#!; O / / +1\$; (4\$O1-!(1#!#(4(d#7\$M%1!#%; \$)\$O1! / (@\$130!"1+e)!D7%)%14(4\$O1!\$)!)?OP\$13!?OP!P%!; (1!(;;O+14!007!4?%!6+#3%4!(1#!7%)O+7;%)!P%!P\$\text{P\$\text{k}!}1%\text{#0!B?\$})!\$)!(1!(44% / D4!40!6%!D70(; 4\$M%0!B?\$)!\$)!(!D70D0)(&!Q07!0%\text{#6}(; @0!2&\text{()}%!)?(7\text{!}AO+7!0\text{()}%\text{#6}(; @!P\$\text{4}?"1+0!f+\text{*})4\$O1)!P\text{*7}!(0\text{\$\text{\$\text{M}}\$}\text{\$\

270D0)%#!"DD70(; ?K!E%4%7/\$1%!9BY. !B(73%40! = ?(4!; (1!%(; ?!; 0&%3%!3%1%7 (4%c!R#%14\$0A! 270#+; 4\$M\$4A!4(73%4! (1#!TWU[!6+#3%4!(&0; (4\$O1)!0O7!6O4?!; 0&%3%)0!. %4!270#!4(73%4!(4!4?%!&0P%7! 00!4?%!4P00!" &0; (4%!270#!4(73%4)!\$1#\$M\$#+(&A!40!#\$M\$)\$01)!(1#!#%D(74/%14)!(&013!P\$4?!9BY9!(1#! TWU[!6+#3%4!#\$)47\$6+4\$010!Y13(3%!0(; +&4A!(1#!)4+#%14!)%7M\$; %)!(7%()!40!\$/D8%/%14!6%)4! D7(; 4\$; %) X\$14%7M%14\$01)!(4!4?%!#%D(74/%14(&!(1#!#\$M\$)\$01!&MM&})0!: (4?%7!0%%#6(; @-!7%M\$%P!\$1D+4)-!(1#!7%0\$1%!D70; %))!0O7!1%L4!A%(70!B?\$)!D70; %))!PO+&#!\$1MO&M%!7%M\$)\$4\$13!6+#3%4)!(1#! 7%)O+7; %!(&0; (4\$O1!A%(7!4O!A%(70!B?%!370+D!()@%#!*+%)4\$01)!(6O+4!4?%!1(4+7%!00!D70#+; 4\$M\$4A!(1#!P?(4!0(; 407)!(00%; 4!D70#+; 4\$M\$4A0!" 104?%7!*+%)4\$01!()@%#!(6O+4!?OP!>'a")!PO+&#!6%!(00%; 4\#!6A!4?%!1%P!. >99!\$1!U[USVU_0!=%!1%\#!40!?(M%!(!P(A!40!())%))!4?\#!\%00\$; (; A!00!)4+#%14!)%7M\$; %)!()!P\&&!007!4?\%!27037(/!5\M\$\PiD70; %))0!>O//%14)!P\%7\%!/(#\%!4?(4!4?\%!)*/D?()\$)!O1! 7%)D01)\$6\&&1007!47\\$13)!4?(4!(7\%!6\&AO1#!4?\\$7!; O1470&!(1#!4?(4!4?\%!)*/D?()\$)!O1! 7%)D01)\$6\&\$441007!\\$70\&X'14!\$)!104!(DD70D7\$(4\&0!B?\$)!(&)0!D+4)!/07\%!D7%))+7\%!O1!4?\%!#%(1)!()!0(7!()!); ?%#+&\$130!

>4"#"%F&M/&! 1D/L* 4&0.4F&J>?(/+!2(&(1\$(DD(1N!))))

"14?70D0&03Al\$1)47+; 407-!F \$\(\end{a}\)! = \$\(\end{a}\); OL-!PO7\(\end{a}\)!; &\(\end{a}\)%A!P\$\(\end{a}\)?\(\end{a}\)! F +P\(\end{a}\) (!' ?\(\end{a}\) 1\)!47\(\end{a}\)!0] %!\$)! PO7\(\end{a}\)!4

\$1 (+3+7(4\$010!' \$)\$4\$13!D7%)\$#%14)!P%7%!\$1M\$4%#!40!(!M%7A!Q07/(&!%M%140!>0//\$44%%!/%/6%7)!#\$#!
104%!4?(4!(!hP%&; 0/%!P%%@i !\$)!/07%!\$1Q07/(&!(1#!P%!; 0+&#!D&(1!(1!\$1Q07/(&!%M%14!()!P%&!()!
4?%!\$1 (+3+7(4\$010!2%7?(D)!P%!D&(1!(!D7\$M(4%!7%; %D4\$01!P\$4?!#0107)!6%Q07%!(1A!&(73%7!%M%140!

 $>/C"/D\&\$=\&042"."<"/#\&! 4#</5J.4%\&4%; \&Q\$\%; EO4J"<4.\&, 5\$R/2<\#\&180\%\&!>(\#\$,!(1\#!<7\%4!=(4)O1N!=\%!OP\%!80\%\&!(1\#!?\$)!)4(00!(!37\%(4!\#\%64!007!4?\%\$7!PO7@!\#+7\$13!4?\%!0\&00\#\$13!(1\#!7(\$1)407/)!00!4?\%!\\ &()4!0\%P!P%@)0!J<7%4N!P\%!?(M%!(!0(;\$\&4A!/()4\%7D&(1!007!4?\%!E\$)47\$; 40!=\%!?(M%!(!PO7@)?%%4!4?(4!4%)!4?\%!0(;\$\&4A!/()4\%7D&(1!40!4?\%!D706%; 4)!4?(4!P%7%!(DD70M%#!6A!4?%!<0(7\#!00!B7+)4%%)0!\\ &4\%)!4?\%!0(;\$\&4A!/()4\%7D&(1!40!4?\%!D706%; 4)!4?(4!P%7%!(DD70M%#!6A!4?%!<0(7\#!00!B7+)4%%)0!\\ &B0%\&N!F\%()+7\%!:!(1\#!>!2706%; 4!bD#(4%)X4?%!<math>\#$ 0&(7!(/0+14)!&)4%#!01!4?%!D706%; 4!)?%%4!(7%!U[Tg!1+/6%7)!(1#!/0)4!D706%; 4)!P\$\&2\\$1;7%()%!#7(/(4\\$;(&&A!\\$1!;0)4!0M%7!4\\$/\\$0!B?%!jT_S!/\\$&\$01!)%4!()\\$#%!007!9004?\&2\\$(!(1!^\!);014\\$13\\$1;A10&0(4!40!?0D\\$0+&A!;0M\\$7!;0)4!\\$1;7%()\%)0!80%&!D70M\\$#\\$#!(1!0M%7M\\$P!00!4?\\$!#%)\\$31!D70;%))!070/!@\\$;@d000!4?70+3?!;0/D&\\$4\\$01X''\&!:\\$1#\\$7!<<(4?700/)X4?\\$130(&\\$140!4(74!D706%;4)!\\$1!4?\\$!)+//\\$7!00!U[UW0!90046(&\\$1.4(\\$\\$+/!''E''!(;;%))!01!4?\\$!Y()4!<\\$%(;?\\$7)!(1\\$!D(4?!40!4?\\$!6\%(;?\\$7)0!

80%! P\$&!6%! 1M\$4%#!6(;@!()!4?%7%!(7%! / 07%!D706%;4)!40!#\$); +))0! < 7%4!104%#!4?(4!4?%!30(&!\$)!40! D70M\$#%!7%3 + &(7! + D#(4%)!40! F R2 > !01!(&!0(; \$\$4\$%)! / (44%7)0!80%! k!4?%!30(&!\$)!40!)?(7%!(?%(#!00!)!30(&()#!7D40!\$1! F R2))