

! " # \$ % ' & ' (\$) * + ' , - . / ' 0 . 1 2 - 3 4 1 - 5 ' , 6 7 8 7 ' ! " # \$ % & ' ' ' () ' (* + , & - . - + * / 0 . \$) 0 1 \$ & \$ 2 0 3 - 4 " 0 - 5 # - 2 - / 6

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,1P!>5'A75)F!OFE! ! ! ! ! ! : (5@&#!Q&=N(A'R!S Q!22- , , !
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+ 8 " ! *) \$ 9 : !

"(ETE! , LL-! G&5A(&#(&5F! : ; (\$7!\$%!U5)5N&6&)A!
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! ! ! U5\ \$#!W=&7F*!S#N5)=X5A=\$)57!8&(5I=\$#!
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%&77\$D' (=?'!5D5#F&F!C9!A(&! [5A=\$)57! : ; =& ; &!W\$<)F5A=\$)R!H)=A&F! : A5A&'!JN& ; 9!%\$#!M)A&#)5A=\$)57!
T&I&7\$?6&)A!+H: JMT/R!45'&!G&'A&#)!O&'&#I&!H)=I&#'=A9R!5)F!J#A(<#J)F&#&)&!\ \ 4E!

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U E J E ! -]] 2 ! ! ! ! ^ = ? ? = & ! 4 \$ 7 7 & N & ! \$ % ! 8 < ' =) & ' ' !
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^<=\$)!)5)F!7=I=)N!Y?&'&'!%<779!%<)F&F!A(#\$<N(!A&5; (=)NZ#&'&5#; (!5' '='A5)A' (=?'!5)F!
%&77\$D' (=?'!5D5#F&F!C9!A(&!T&?5#A6&)A!\$%!U5)5N&6&)A!_!S#N5)=X5A=\$)R!H)=I&#'=A9!\$%!M\$D5E!!

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U E J E ! -] K 1 ! ! ! ! ^ 5 A 5 ! M) ' A = A < A & ! \$ % ! : \$; = 5 7 ! : ; = & ; & ' !
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- 7203-4"0-869-2- / (6, LLKE!^ (&!7\$' '\$%!kC&=)Na!)=!A (&!?<# '<=A!\$%N7\$C57!&;\$)\$ 6 =;!N5=)E!
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5A!A(&![5A=\$)57!4\$)%&&);&!\$%!A(&!M)F<'A#-57!O&75A=\$)'!O&'&5#;(!J;5F&69!+MOOJ/E6
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\$3D14BE', .BAB34-41<3A' F '* GG=1BE'0;6<=- .A61G'

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' ; (\$75# '(=?!\$<A7=)&F!-)!A(&!%\$<#!;\$ 6 ?\$)&)A'!\$%!A(&!8\$9&#!U\$F&7!);7<F=)N!A(&!'; (\$75# '(=?!\$#!
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;4<0"*+692*\$*4" - "014\$6-4+6=#>0*+67. !1>-2\$!0#6?@-4, -2A6BCI056H*.*/)*26BCIOF6

\? D#&2+0/6\$G#2(6(#0'#\$B\$Q&4/O(R/)(+O/6\$H"/O4#?!"#&'&)A5A=\$)'!5A!A(&!S%%=;&!\$%!
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2E K#;+08\$A. +)(+0/6\$@0)#6(4#0'#5\$!"#L/O/4#&\$/2\$A06(4")#0#8\$D#0'#!T&'=N)&F!5)F!
F&7=I&#&F!%=I&!%<77!F59!'&6=)5#'!)=!8\$'A\$)R!4(=;5N\$R!^\$#\$)A\$R!"=AA'C<#N(R!4=);=)5A=R!:5)!
W#5);=';\$!5)F!47&I&75)F!%\$#!A(&!M)'A=A<A&!\$#!U5)5N&6&)A!:A<F=&'!+MU:/R!5)!)=)A&#)5A=\$)57!
A#5=)N!\$#N5)=X5A=\$)!A(5A!%&5A<#&'!A(\$<N(A!7&5F&#!\$)!7&5F&#'(=?!5)F!65)5N&6&)AE!
J;(=I&F!?'5A=;=?5)A!#5A=N'!\$#!.EPIA\$!1EL!\$)!5!1EL!?'=)A!'!;57!\$)!#,#')/(7#0#22\$+, \$29#/#=#&!
5)F!7/6*#\$+, \$'+0)#0)!W&C#<5#9!,L-.!A\$!: &?A&6C&#!,L-.E6

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PE H"/04#L/O/4#. #0)\$/08\$D#&2+0/6\$G#2(6(#0'#!E!^ (#&!%<77!F59!'&6=)5# 'A\$! [<# '&'!5)F!
[<# '&! JF6=)='A#5A\$#!5A!8<;@&9&!Q&57A(!"75)R6: &?A3S;A!,L-.E6

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.E !"#L#/O(04\$+, \$G#/6\$I* ' '#22?!!d&9)\$A&!5FF#&' '!F&7=I&#&F!5A!A(&!5))<57!N#5F<5A=\$)!
;&#&6\$)9!\$#!A(&!7&5F&#'(=?!?\$N#56!%\$#!A(&!47&I&75)F!W&F9!\ &5F&#'(=?!M)'A=A<A&6
?4W\ TM/E!c<)&!,L-.E!

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1E !"#%&)\$+, \$L(08,*6\$L/O/4#. #0)!"#&'&)A5A=\$)!5A!A(&!JFI=' \$9!8\$5#F!U&&A=)N!+J8U/!\$#!
A(&!M)'A=A<A&!%\$#!U5)5N&6&)A!:A<F=&'!+MU:/E!M!D5'!56\$)N!%=I&!?'#&'&)A&#!'!&7&;A&F!
=)A&#)5A=\$)579!%\$6!'&I9!(<)F#&F!A(\$<N(A!7&5F&#!E!T&7=I&#&F!A(=?!?'#&'&)A5A=\$)!A\$!
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U59!,L,L!

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F<#=#)N3A(&3;\$#\$)5I=#<'37\$;@FSD)3?5#563'#=@5)A=5E(A67!

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00E f&AA=)N!A\$!O&5779!d)\$D!b\$<#!"5#&)A'E!U5#;(,L,L!

(AA?'*ZDDDE;7&I&75)FE;\$6Z\$?=-)\$)Z,L,LZLOZN&AA=)N3A\$3#&57793@)\$D39\$<#3?5#&)A'3C&%\$#&3
A(&93F=&3?5#563'#=@5)A=5E(A67!

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02E ^(&!:=7&)A!>?F&6=;\$%A(&!>N\$E!W&C#<5#9!,L,L!

(AA?'*ZDDDE;7&I&75)FE;\$6Z\$?=-)\$)Z,L,LZL,ZA(&3'7&)A3&?F&6=;3\$%3&N\$3?5#563
'#=@5)A=5E(A67!

)B-;613J'F',.<HBAA1<3-='0B/13-.A'

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921R*\$1286S-2/*>6T1A*267.!11>61R6T,\$04*\$86T->+ '046U->>..*6N40<*2\$0"A6

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,LL1q!?'#&'&)A! "#\$%&' '\$#!+^&)<#&F/R!45#6&7!8\$9&#!:;(\$7!\$%!8<'=)&'R!857FD=)!G5775;&!
H)=I&#'-A9E!"#\$6\$A&F!)=!O5)@!%\$#!5!'&;\$)F!A=6&!)=!,L-1!5%A&#!5!%<77!#&I=&DE!

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,LL-lq!,LL1! J '\$;=5A&!'#\$%&' '\$#R!45#6&7!8\$9&#!:;(\$7!\$%!8<'=)&'R!857FD=)!G5775;&!
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^&5; (=)N!5!I5#=&A9!\$%!;\$<#&'&'!)=)A(&!U8J!?'#\$N#56!5)F!A(&!<)F&#N#5F<5A&!?'#\$N#56!D=A(!
&Y;&77&)A!&I57<5A=\$)'R!A9?=&5779!2E1P!5)F!(=N(&#!\$)!5!P3?=\$)A!' ;57&!D=A(!N7\$D=)N!'A<F&)A!
;\$66&)A'E!!

T&'=N)&F!5)F!F&7=I&#&F!6<7A=?7&!#&)F=A=\$)'!\$%N#\$<)FC#&5@=)N!?'<C7=;'&6=)5#!5AA&)F&F!C9!\$I&#!
OLd!?'5#A=;=?5)A'!%\$#!A(&!857FD=)!G5775;&!U8J!J '\$;=5A=\$)65)F6857FD=)!G5775;&!S%=&;!\$%!
J7<6)=!O&75A=\$)'*!J<N<'A!,L-,3T&;&6C&#!,L-]E!

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'\$#\$=A9!T&7A5!o&A5E!O&;=?=&)A!\$%!A(&!W5;<7A9!>Y;&77&);&!J D5#F!C9!A(&!8&A5!H?'=7\$)!
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5FF#&'!A(&=#!JFI=' \$9!8\$5#F!U&&A=)N!;\$)'='A=N!\$%C<'=)&'!7&5F&#!%#\$6!,.!.!;\$<)A#=#&'!
5;#\$'!A(&!H:R!45)5F5!5)F!><#?\$&E!!

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 c5)<5#9!,L-,3!"#&'&)A!

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 N7\$C57!D='F\$6!A#5F=A=\$)'!7=@&!o&!D=A(!A(&!C&(5I=\$57!' ;=&);&'E!G=A(!OLLd!75#A-;=?5)A'!5)F!
 ;\$<)A=)NR!A!=!'!5!#&I\$7<A=\$)5#9!6 &A(\$F\$7\$N9!A(5A!&F<;5A&'!5)F!&A&#A5=)'!)=!5!;7=65A&!\$%V\$9\$<'!
 A#5)'%\$#65A=\$)!D=A(!5!\$%;<'!\$)!F&7=I&#=#)N!C#&5@A(#\$<N('!)=!7&5F&#!(=?R!;#&5A=I=A9R!&6\$A=\$)57!
 =)A&77=N&);&R!&6\$A=\$)57!D&77)&'R!\$#N5)=X5A=\$)57!A#5)'%\$#65A=\$)R!;\$)%7=;A!#&'\$7<A=\$)!5)F!&6?7\$9&&!
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T&7=I&#&F!@&9)\$A&'!5)F!'&6=)5# '!A\$!'&I9!\$#N5)=X5A=\$)'!)=;7<F=)N*!

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 J%5=#'!+e J/R!>)&#N9!88TS!_!S6)=;\$6!f#\$<?R!>#=#&IM)'<#5);&R!>77<;=5)R!W&F9!O&'&#I&!
 85)@R!f&)9!>7&;A#=#;4\$ER!Q975)F!:\$%AD5#&R!c\$)&'!T59R!\=);\$7)!>7&;A#=#;R! [5A=\$)D=F&!!
 M)'<#5);&R! [&'A7&R! [J : J R! [\$#A(D&'A&#)!U<A<57R! [^ \ !M)'A=A<A&R!SC=)!4\$77&N&!_!4\$)'&#I5A\$9R!
 " " f !M)F<'A#=#'R!:(&#D=)!G=77=56'R! : 6<;@&# 'R! : A&#=#'R!H)=A&F!G59R!H)=A&F! : A5A&'!T&?5#A6&)A!\$%!
 JN#=#;<7A<#&!+H: T J /R!H: J MT!"#\$%&;A'R!H)=7&I)F!A(&!G\$7F!85)@!f#\$<?E!

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 =)!U5;#\$&;\$)\$6=;! "75))=)N!%\$#A(&!)5A=\$)57!7&5F&#!(=?!\$%'&I9!;\$<)A#=#&'!

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K*-.!04E6=\$\$0\$"-4"86U*-"!*2!*-+67.!11>61R6X-4-E*/*4"86S-\$*6U*\$"*246^*\$*2<*6
N40<*2\$0"A6J<N<'A!-]]2!q!c<79!-]]P!

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- "#\$I=F&F!A&5;(-)N!<??\$#A!5)F!N#5F&F!?'5?&#'%\$#!U8J!4\$<# '&'!)=!S#N5)=X5A=\$)57!
8&(5I=\$#!5)F!S#N5)=X5A=\$)57!J)579='!%\$#!%\$<#!'&6&'A&# 'r!W577!-]]2R! : ?#=-)N!

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c<)&!-]] -!q!c<)&!-]] ,E!

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A (&!A\$?!A (#&&! =)!A (&!)5A=\$)E!>5; (!9&5#!\$)79!PL!'A<F&)A' !D&#&!5F 6 =AA&F!A\$!(= '! ' &7& ;A=I&!
U 8 J !"# \$N#5 6 !\$<A!\$%!5!)5A=\$)57!?\$ \$7!\$%!\$!

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- T&I&7\$?&F!5)F!= 6 ?7& 6 &)A&F!5! 6 <7A=3?#)\$N&F!\$#N5)=X5A=\$)57!; (5)N&!-)A&#I&)A=\$)!-)A&)F&F!A\$!'<??\$#A!A(&!%=# 6 a '! 'A#5A&N=;!C<'=)&' '!&Y?5)'=\$)!?75)'!A(#\$<N(!5!)&AD\$#@!\$%!PL!S T!D\$#@'(\$?'!5)F!' & 6=)5# '!; \$I&#=#)N!OPLL!& 6 ?7\$9&&'!5A!577!7&I&7'!\$%A(&!\$#N5)=X5A=\$)E!!
- T &'=N)&F!%\$<#! 6 5)5N& 6 &)A!F&I&7\$? 6 &)A!#&A#&5A' !%\$#! . L!<??)F! 6=FF7&!7&I&7! 6 5)5N&#!\$)!\$#N5)=X5A=\$)57!A#5)'%\$# 6 5A=\$)R!;\$ 6 ?&A=A=I&'A#5A&N9R!;\$ 'A!;\$)A#\$7!5)F!& 6 ?7\$9&&!F&I&7\$? 6 &)AE!
- W5;=7=A5A&F!5!'&I&)3F59!#&A#&5A!%\$#!A(&!4>S!5)F!A(&!A\$?! 6 5)5N& 6 &)A!A&5 6 !\$)!&'A5C7='(=)N! =>)\$I5A=I&!#5;A=;&'!-)!A(&!;\$ 6 ?5

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- 45##-&F!\$<A!#&'&5#; (!\$)!\$#N5)=X5A-\$)57!;5?5;=A9!C<=7F=)N!5 6 \$)N!)=A&#)5A-\$)57!
F&I&7\$? 6 &)A!\$#N5)=X5A-\$) '!)=!)&5#79!AD&)A93%=I&!;\$<)A#-&'R!5)!&%%\$#A!A(5A!;<7 6=)5A&F!)=!5!
;\$35<A(\$#&F!D\$#@=)N!?'5?&#!%\$#A(&!:\$;=57!M))\$I5A-\$)'!)=! f 7\$C57!U5)5N& 6 &)A!+:M f U J /!
V\$<#)57E!

6

W2-+, -"*6=\$0\$"-4"86H*#-2" / *4"61R6 X -4-E* / *4"6 : 691>0.A67", +0*\$86 U *-!"*2!*-+67. !11>61R6
X-4-E* / *4"86S -\$*6 U *\$"*246^*\$*2<*6N40<*2\$0"A6 J <N<'A!-]]2!q!c5)<5#9!-]]PE6

- "5#A=;=?5A&F!)=!#&'&5#; (!F&'=N)R!)= 'A#< 6 &)A!F&I&7\$? 6 &)AR!F5A5!;\$77&;A-\$)15)F!5)579'='!5)F!
;\$35<A(\$#&F!?'5?&#!?'&'&A&F!5A!A(&!5))<57! 6 &&A=)N!\$%A(&!J ;5F& 6 9!\$%U5)5N& 6 &)A!\$)!
AD\$! 6 5V\$#!#&'&5#; (!?'#\$V&;A'!)=)A(&!F&?5#A 6 &)AE!!

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=."0146^*\$*-2. !86S -+), 2Ac\$6;4+0-6 J <N<'A!-]K2!q!J <N<'A!-]KPE6

- 4 \$)F<;A&F!5!9&5#!7\$)N!#&'&5#; (!'A<F9!\$)!\$#N5)=X5A-\$)57!47= 6 5A&15)F!J 7=&)5A-\$)!5A!
45FC<#9a'R!A(&!')5A-\$)a'!75#N&'A!;\$;\$75A&!%5;A\$#9!D=A(15!'5 6 ?7&!\$%!OLL!'(\$?!%7\$#\$!D\$#@&#'
5)F!'<?&#I='#\$'E!^(&!#&'&5#; (!D5'!A(&'<CV&;A!\$%! 6 9!F=' '#A5A-\$)!;\$ 6 ?7&A&F!)=!?'5#A=57!
%<7%=77 6 &)A!\$%A(&!UE J E!)=)M)F<'A#-57!' '9; (\$7\$N9R!H)=I&#'=A9!\$%!U< 6 C5-E!

6

Y"! *26^*\$*-2. !6L_#*20*4. *%66

c<FN&R!45'&! : A<F9!4\$ 6 ?&A=A-\$)R!J ;5F& 6 9!\$%U5)5N& 6 &)A*!M!D5'!\$)&!\$%A(&!c<FN&'!#\$#A(&!
J ;5F& 6 9!\$%U5)5N& 6 &)Aa'R!hT5#@! : =F&!\$%!45?=-A57=' 6 iR!M)A&#)5A-\$)57!45'&! : A<F9!4\$ 6 ?&A=A-\$)!
;\$)I&)&F!C9!A(&!4#-A=;57!U5)5N& 6 &)A! : A<F=&'!T=I='=\$)E! ,LLJE!!

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c<FN&R!8&'A!T\$;A\$#57!T=' '#A5A-\$)!4\$ 6 ?&A=A-\$)R!J ;5F& 6 9!\$%U5)5N& 6 &)A*!M!D5'!\$)&!\$%A(&!
c<FN&'!#\$#A(&!J ;5F& 6 9!\$%U5)5N& 6 &)Aa'R!h8&'A!T\$;A\$#57!T=' '#A5A-\$)i!4\$ 6 ?&A=A-\$)!;\$)I&)&F!
C9!A(&!4#-A=;57!U5)5N& 6 &)A! : A<F=&'!T=I='=\$)E! ,LLJE!

6

4 (5=#R!"&&#O&I=&D&F!"5?&#!"#\$;&&F=)N'!#\$#A(&!\$#N5)=X5A-\$)57!4(5)N&15)F!T&I&7\$? 6 &)A!
T=I='=\$)!5A!A(&!5))<57!J ;5F& 6 9!\$%U5)5N& 6 &)AR! [&D!S#7&5)'R! ,LL2E!!

!

; ; (\$75#79!O&I=&D&#!\$%!?'5?&#!'<C 6 =AA&F!A!A(&!\$#N5)=X5A-\$)57!4(5)N&15)F!T&I&7\$? 6 &)A!
T=I='=\$)R!J ;5F& 6 9!\$%U5)5N& 6 &)AR! ,LL03,LL2R!5)F!#\$#A(&!_+*&O/6\$+,\$L/O/4#.#0)\$A8*'/)(+OR!
_+*&O/6\$+,\$Q&4/O(R/)(+O/6\$H"/O4#L/O/4#.#0)!5)F!