



\*#&)!(\*#&U! !<PLSM,7\*\$D+\*<#N E,8\*<#( ( ( ( ( ( ( !  
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L8\*#+ ' '#+(J''8;\$8D(  
(  
I-55 /.!\*#\* )!!!S<?8(4:(3 ;+ ' 7(F'' ' ' ,#(1,7,+##?(J, &&<K7?\$B!  
! ! D/0l//c!R\_!C6.YJ0!  
>??2!@ABB?C?  
!  
I-55 /.!\*#\* )! T,8; ,#(F'' ' ' ,#(1,7,+##?(J, &&<K7?\$B!  
! ! I1-L/0l!@6<<4a6.4!6.c!2\_] - , ;J<<60(R<5 /JL4!  
! ! >??2!@ABB?C?  
!  
I-55 /.!\*#\* )!!!3&Q,##(G+8;''#+(E, ' <#)+&(F\*' ; ,8\*(1,7,+##?(J''8;!  
! ! D/0l//c!I\_!S40043340!  
! ! >??2!@ABB?C?  
(  
I-55 /.!\*#\*\$! J+%''\*C(3K+#; , ,!  
! ! I1J<<540(2.4Y/!R^4.L!  
! ! 2/40!67!Q4, -<!:!  
! ! >??2!@ABB?C?  
!  
I-55 /.!\*#\*\$!!!S<?8(4:(3 ;+ ' 7(F'' ' ' ,#(1,7,+##?(J, &&<K7?\$B!  
! ! D/0l//c!E\_!2f/JLfJ,!  
>??2!@ABB?C?  
!  
I-55 /.!\*#\*\$! 1, , ; (! <&&,D,(F%\$,8%,(1,7,+##?(J, &&<K7?\$B(>#<D#+ ' !  
! ! I1-L/0l!@6<<4a6.4!6.c!R\_!C6.YJ0!  
! ! >??2!@ABB?C?  
!  
I-55 /.!\*#\*\$!!!3&Q,##(G+8;''#+(E, ' <#)+&(F\*' ; ,8\*(1,7,+##?(J''8;!  
! ! D/0l//c!?\_!I, ;J55 /<!  
! ! >??2!@ABB?C?  
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\*#&!X!\*#\*#! J+%''\*C(3K+#; , ,( ( ( I4aa4lJ,4!>/9/4. , ;!R^4.L!  
>??2!@ABB?C?  
!  
\*#\*#lX!\*#\*#! J+%''\*C(3K+#; , ,( ( ( I1J<<540(2.4Y/!R^4.L!  
>??2!@ABB?C?  
!  
I-55 /.!\*#\*#!!!S<?8(4:(3 ;+ ' 7(F'' ' ' ,#(1,7,+##?(J, &&<K7?\$B!  
! ! D/0l//c!?\_!C4..J960!  
>??2!@ABB?C?  
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\*#&T!X!\*#\*#! J+%''\*C(3K+#; , ,( ( ( I1J<<540(2.4Y/!R^4.L!  
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I-55 / .! \*#&+! J+%''\*C(3K+#; ,,!  
! ! I-55 / .!>/9/4. ; ;!R^4.L!!  
! !

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\*##\*! ! .H%,&&8%,\$8(4,+;,#7?\$B(3K+#;(R8RCI(R@P!  
! ! RD?>K@RN!8IG@EABACK@RB!RIIA@KRPKAN!  
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\*##& !!!!!@77,#\*+\*\$<8(V,+#(J,&&<K7?\$B(MNKO?>IKPG!AQ!S?NPM@SG!  
(  
\*##&! !!! 1,7,+#%?(! ?+&&8D,(0#''7\*(1,7,+#%?(J,&&<K(MNKO?>IKPG!AQ!S?NPM@SG!  
(((((((((  
\*##&(((((((((((( 3',#%+8(>7C%?<k<D\$%+&(377<%\$+\*\$<8(0#+M,&(3K+#;(I,J/0,/!2J./,16.4l/!  
RD?>K@RN!8IG@EABACK@RB!RIIA@KRPKAN!  
!  
\*###!H!\*##&! F\*";,8\*(E,#\$\*(3K+#;( >?I?R>@E!IA@K?PG!AN!RB@AEABKID(  
( ( NRPKANRB!KNIPKMP?!AQ!RB@AEAB!R ]MI?!RN2!RB@AEABKID!  
(  
\*###! ((( !<' ' <8K,+&\*(1,7,+#%?(3K+#;( MNKO?>IKPG!AQ!S?NPM@SG(  
( ( MNKO?>IKPG!AQ!S?NPM@SG!  
(  
&TTT! ! 1,7,+#%?(! ?+&&8D,(0#''7\*(1,7,+#%?(J,&&<K! MNKO?>IKPG!AQ!S?NPM@SG!  
( ( MNKO?>IKPG!AQ!S?NPM@SG!  
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&TT+! ( 1,7,+#%?(! ?+&&8D,(0#''7\*(3K+#;! MNKO?>IKPG!AQ!S?NPM@SG!  
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&TTU! !

B4.9/0F!E\_F!S - ; 09F!B\_F!S .4 5 / .F!R\_V\_F!!E -Jf/0=4F!E\_D\_F! VJ/ .9F!>\_V\_F!38; ,#7<8=(6:9 :=!H!@6-9)h0!  
[\*#\*\*\!]

V ; JI/F!E\_>\_F!38 ; ,#7<8=(6:9\_F!H! ] / , ; !6<F!\_![\*#&+\!I1./99!49!4!5 6L/.4!6.!67! ; /!77/ ,!9!67! , 63J0=  
5 6!Jb/9!60!4<, 6; 6<!40L! 5 4.Jh-404!-9/!J0! : 6-0=!4L-<! ; 66L\_!3 8 ' '80#&G2D[&F!&(&\$\_!

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B4a; 4.!F!Q!F!38 ; ,#7<8=(6:9:=!H!S -0!9 , ; /F!?![\*#&'\!P; /!93J.J!J9!^J<<J0=F!a-!1! ; /!7</9 ; !J9!^/4Yc!^ ; :!  
: 6-0=!3/63</!L.JOY!5 6./!1 ; 40!J0!0L/L!60!^ /Y/0L!OJ= ; !9!X!40!/b/0!(</b/<!9!-L: \_!)<0+7+<#>!2  
3<# '#08<28 '\*2CF9&"#>& '%8<2 ; &\$&8"07GHD[&&\F&TU&(&TUT\_!

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38 ; ,#7<8=(6:9\_F!C4. ,J4F!P\_R\_F!H!249;F!C\_Q\_![\*#&'\!2 .JOYJ0=! 5 6!Jb/9!40L!^ J<<J0=0/99!!6!L.JOY!4<, 6; 6<!  
J0!3//.!.L.JOYJ0=! , 60!/Z!9\_C>&"4# '42) \*-<7++\*G2N[&F!&U!(\*U\_!!

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] 4, J6F!C\_R\_F!P6 5 <J0960F!S\_B\_F!C4. ,J4F!P\_R\_F!38 ; ,#7<8=(6:9\_F! ] .6^0F!I\_R\_F(D : / .9F!D\_C\_![\*#&'\!K 5 34, !!  
67!/1 ; 0J, !, 6 5 369!J60!60!5 / , ; 40J9 5 9!67! , ; 40= /!J0!9 , ; 66<(a49/L!9- a9!40, /!-9/!3. /b/0!J60!  
=.6-39\_!?"&5& '##+ '2A0#& '0&G2DSG2LDWIX(22

!

] 4, J6F!C\_R\_F!C4. ,J4F!P\_R\_F!38 ; ,#7<8=(6:9\_F! ] .6^0F!I\_R\_F(D : / .9F!D\_C\_![\*#&'\!?0=4=/ 5 /0!40L!  
. /1/0!J60!67!/1 ; 0J, 4<< :!LJb/ .9/!4L6</9, /0!9!!6!4!b6<-0!4. : F!9 , ; 66<(a49/L!4<, 6; 6<!-9/!J0!/.b/0!J60\_!  
Q+ - "' 8<2+/2J&785#+ "8<2R&8<72A&"5#0&\$2Y2 ; &\$&8"07GHH[&F!"\*(U\*\_22

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C.J54<LJF! ? D\_F!B4LLF! ]\_A\_F!H!38 ; ,#7<8=(6:9:![\*#&U\_!2 .JOYJ0=F!4a9!J0/0, /F!40L!4, 4L/ 5 J, ! 5 6!Jb/9c!  
>/<4!J609 ; J39!4 5 60=! 5 -<J3</! 5 6!Jb4!J604<L6 5 4J09!40L!4<, 6; 6<!-9/!J0! , 6<<=/!9!-L/0!9!  
)\*\*#0!#5&2J&785#+ "\$G2NNE!&()\_!

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B4LLF! ]\_A\_F!C4. ,J4F!P\_R\_F!H!38 ; ,#7<8=(6:9:![\*#&U\_!R!06b/<!433J, 4!J60!J0! ; /!9!-L :!67! , <J/0!<40=-4=/c!  
R<, 6; 6<!40L! 5 4.Jh-404(. /<4! /L!9!4! / 5 /0!9!J0!9- a9!40, /(-9J0=!4L6</9, /0!9!L- .J0=!4!9J 5 -<4!J60!  
!49Y\_! ?\$. :07+<+4:2+/2) \*\*#0!#5&2J&785#+ "\$G2MX[U\F!U '\*XU'T!(!

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B4LLF! ]\_A\_F!P6 5 <J0960F!S\_F!D : / .9F!D\_C\_F!H!38 ; ,#7<8=(6:9:![\*#&U\_!Q/49JaJ! :!40L!./<J4aJ! :!67!4!  
, 6LJ0=!9: 9! / 5 !!6!, 43!-. /!J0(9/99!60!=.6-3!a/ ; 4bJ6. !J0!4L6</9, /0!9\_!?"&5& '##+ '2A0#& '0&G2DI[&F!T\$(  
&#&\_!

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V ; JI/F!E\_>\_F!38 ; ,#7<8=(6:9:F!>4:F!R\_?\_F!H!D -0F!?(G\_![\*#&U\_!2 6!L.JOYJ0=! 5 6!Jb/9!LJ9!J0=-J9 ; !/Z!./ 5 /!

38; ,#7<8=(6:9:=!].4,Y/0a-.:F!B F!g-4,Y/0a-9;F!D F!] -.49F!D F!] .6^0F!I\_R F!H!8.J, /F!^![\*#&)\!R( IK2 ?c!R<,6;6<!40L!5 4.Jh-404!-9/!9J 5 -<4!J60!76.!//09!Q+ - "'8<2+2A%- \*#&\$2+ '2)'<0+7+<28 '\*2V"-4\$G2 IN[U\F!T"\$T" ' \_!

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>6aJ0960F!` D F!B4LLF!] \_A F!H!38; ,#7<8=(6:9![\*#&)\!V ;/0!:6-!9//!J!F!<!J!I!a/c!M.=/0, :F!! 5 JOL7-<0/99!40L!4L6</9, /0!9-a9!40, /!-9/\_!) \*\*#0#5&2J&785#+ "\$G2MEF!&#\$(&#)&!

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38; ,#7<8=(6:9:=(2-0,40F!S F!] -.49F!D F!84, Y4.LF!@ F!H!S /00/L :F!@![\*#&\$\\_(@ (IK2 ?c!B60=J1-LJ04<! 6-1,65 /9!7.65 !4!L.JOYJO=!9J 5 -<4!J60!76.! ,6<<=/!9!-L/0!9!Q+ - "'8<2+2A%- \*#&\$2+ '2)'<0+7+<28 '\*2 V"-4\$G2IH[&\F!T)(&#\$(2

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38; ,#7<8=(6:9:=!].J==9F!S ? B F!H! V ;J!F!E\_>![\*#&\$\!D6!Jb/9!16!L.JOY!6.!06!1!6!L.JOYc!! B60=J1-LJ04<!. /<4!J609!4 5 60=13/.9604J1 :F!5 6!Jb/9!40L!4<, 6;6<!-9!/4, .699!4L6</9, /0, /!! 40L!4.<: !4L-<!; 66L\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"07F!MI["\F!+U#(+U' \_!

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V 6.5 J0=160F!I O F!38; ,#7<8=(6:9:F!P65 <J0960F!S F!H! ] .6^0F!I\_R![\*#&\$\!R<,6;6<!40L!6!; /.!L.-=!-9/! JO!5 JLL</!9, ;66c!K 5 34, !!67!=/OL/ .F!bJ, !J 5 Jf4!J60!40L!9-336.!Jb!/96, J4<!. /<4!J609; J39!Q+ - "'8<2+2 C8"<:2) \*+&\$0& 'O&G2MM["\F!U#T(US\$ \_!

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V 6.5 J0=160F!I O F!@6.3-9F!\_E F!H!38; ,#7<8=(6:9:![\*#&\*!\R!3/.960(, /0!/. /L!J0b/9!J=4!J60!67!4, 4L/ 5 J, ! 5 6!Jb4!J60!40L!J!9!, 6.. /<4!9!J0!; J=; !9, ;66<!@&8" '# '428 '\*2P '\*5#\*-8<2V#//&"& 'O&\$G2KKF!) \*T() \$+\_!

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38; ,#7<8=(6:9:;!H! ] .6^0F!I\_R![\*#&&\!D JLL</!9, ;66<L.JOYJO=c! V ;6F!^ ; /! /!40L!^ ; /0!Q+ - "'8<2+237#<\*2 8 '\*2) \*+&\$0& '%2A-O\$%8 'O&2) O-\$&G2KX[&\F!)+(U\* \_!

(

38; ,#7<8=(6:9 F!C.-0^4<L F!K F!] /Y 5 40F!N\_D F!] .6^0F!I\_R F!H!C.40! !R![\*#&&\!P6!L.JOY!6.!06!1!6!L.JOYc! D6!Jb/9!40L!/Z3/ ,140, J/9!76.!-9/!40L!060-9/!J0!4L6</9, /0, /\_!) \*\*#0#5&2J&785#+ "\$G2DXG2T '\* (T'T!)

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38; ,#7<8=(6:9 F!P65 <J0960F!S B F!>6aJ0960F!` D F!H! ] .6^0F!I\_R![\*#&&\!Q.J/0L9!6.!76/9c!96, J4<! 40ZJ/1 :F!3//. !477J!J4!J60!40L!L.JOYJO=!J0!5 JLL</!9, ;66<!Q+ - "'8<2+2A%- \*#&\$2+ '2)'<0+7+<28 '\*2V"-4\$G2 IK[&\F!U&(UT/2

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] /Y 5 40F!N\_D F!38; ,#7<8=(6:9 F!P.J 5 F!>\_I F!D /!JYF!` F!2J-<J6F!R\_>F!D :/9F!D\_C\_!H! ] .6^0F!I\_R! [\*#&&\!P; JOYJO=!40L!L.JOYJO=c!4<, 6;6<(./<4!/L!, 6=0!J!J609!4, .699!9!4=/9!67!4L6</9, /0!4<, 6;6<! J0b6<b/ 5 /0!?!?\$.:07+<+4:2+2) \*\*#0#5&2J&785#+ "\$G2KN(\$\F!)&"()\* \*\_! \_!

!

] /Y 5 40F!N\_!D F!C6<L 5 40F!D\_! I F!V 6.</ :F!D\_!` F!H!38; ,#7<8=(6:(9:![\*#&&\! 8./ (4L6</9, /0!4<, 6;6<!/Z3/ ,140, J/9c!@. J!J, 4<!9; J7!9!40L!4996, J4!L! 5 4!- .4!J604<!3.6, /99/9\_! CF9&"#>& '%8<28 '\*23<# '#08<2?\$.:07+978">80+<+4:G2DE[U\F!)\*#(\$\*\_! \_!

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>6aa6:F!` D !H!38; ,#7<8=(6:9:![\*#&&\!K0!/. =/0/.4!J604<!, ;J!L!4a-9/!40L!, 63J0=!Q+ - "'8<2+2 P '%&"9&"\$+ '8<2Z#<+& 'O&G2\*U[&'F!\$"SU(\$)"&\_



8-<JL6F!@\_F!**38**; ,#7<8=(6:9:;!R. 5 91/4LF!R\_!C\_F! ] .6^0F!I\_R\_F!H!P43/.!F!I\_Q\_![\*##T\!Q4 5 J<:;!;J9!6.:!67!  
4<,6;6<!--9/!LJ96.L/.9!40L!934!J4<!^6.YJ0=!5 / 5 6. :c!??77/,!9!60!4L6</9,/0!4<,6;6</Z3/,!40,J/9!  
Q+- "'8<+2A%- \*#&.\$2+ '2)<0+7+<28 '\*2V"-4\$G2IX[&\F!+'(T&(!

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**38**; ,#7<8=(6:9:F!>4 5 6F!2\_?\_F!I , ; -<!/F!D\_P\_F!@- 5 5 J09F!S\_F!H! ] .6^0F!I\_R\_![\*##+\_!K 5 34,!167!./<439/  
3./LJ,16.9!60!39: , ; 696,14<!7-0,1J60J0=!67!IM2!:6-1;!60/!:/4.!471/!.1./4!5 /0!\_A-0\$%8 '0&2)0-\$&G2  
KE[\*\F!T'(&#"2

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**38**; ,#7<8=(6:9:;!R

D, @4.1; ;F!2\_D\_F!P65 <J0960F!S\_B\_F!38; ,#7<8=(6:9\_F!D4.<411F!C\_R\_F!H! ] .6^0F!I\_R\_![\*##"\!> /<439/!J0!  
4<,6;6<!40L!L.-=!LJ96.L/. /L!4L6</9, /0!9!^J!;! ,6 5 6.aJL!39: , ;634!;6<6=: !?\$.07+<+4:2+2  
)\*\*#0/#5&2J&785#+ "\$G2DE[&\F!\*+(\$)(2

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I, ; - , YJIF!D\_R\_F!I 5 J!; F!P\_B\_F!240Y6F!C\_F!38; ,#7<8=(6:9\_F! ] .6^0F!I\_R\_F!S -3/ .5 40F!I\_F!S.45 / .F!^\_F!

38; ,#7<8=(6:9:[&TT'\\_!C/OL/.!aJ49!40L!93/,J4<!/L-,4IJ60!. /7/..4<9!) ' '8<\$2+/2V:\$<&F#8G2HI6!&"&(&U\*\_ ( ( (   
>"Q&\$%+\*\$<87W(G<<\_(! ?+B\*,#7=(! <' ' ,8\*+#\$,7(I(1,M\$,K7(-` `L^(7\*"; ,8\*(%<P+' '\*?<#5(   
!   
VJ/.9F!>\_V\_F!38; ,#7<8=(6:9:F!O40!] .6,Y9I4/</F!] \_F!I45 /<JOYF! ? \_F!H!E65 5 /<F!] \_![\*#&+\\_!R77/,IF!L-4<(   
3.6,/99J0=F!L/b/<63 5 /O14<!39: , ;6341;6<6=:F!40L!; /4<1;!a/;4bJ6.9!K0!2\_!V J<<J4 5 9F!>\_!>;6L/9!H!   
D\_!@600/.![?L9\F!)//&O%#5&2V&%&">#'8 '\$2+/2R&8<%72J&785#+ "2[33\_!&" +(&+)\\_!NGc!AZ76.L!   
MOJb/.9J1:!8./99\_!   
!   
38; ,#7<8=(6:9:(H!] .J==9F!S ? B\_![\*#&U\\_!!I /<7(. /=-<4IJ60!40L!L/ ,J9J60! 5 4YJ0=\_!K0!I\_R\_] ] .6^0!H!>\_!



R</Z40L/.F! !H!38 ; ,#7<8F(6:9:[\*#&' \\_!R996,J4IJ609!a/1^//O!L.JOY!. /7-94<9/<7!/77J,4, :F!9/<7(/91// 5F!  
40L!L.JOYJO=!. /L- ,IJ60!/776.19!JO!4!a.J/7!4<,6;6<3./b/0IJ60!3.6=.45!76.!4L6</9, /019\_!)<0+7+<#>I2  
3<# '#08<28 '\*2CF9&"#>&'%8<2; &\$&8"07G2HD\$D&2\*\$'4\_!

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C./=6. :F!>\_ F!B/^J9F!@ > F!38 ; ,#7<8=(6:9:=!H!B4LLF! ]\_A![\*#&' \\_!I6,J4<L.JOYJO=! 5 6IJb/9!5 6L/.41/!1; /!  
./<4IJ609;J3!a/1^//O!,<J/O!<40=-4=!/L-.JO=!4!9J5 -<4IJ60!149Y!40L!4<,6;6<!-9/!4!+(5 601;!76<<6^(  
-3\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>&'%8<2; &\$&8"07G2HD\$D&2DLH4\_!

!

B/^J9F!@ > F!H!38 ; ,#7<8F(6:9:[\*#&' \\_!RL6</9, /019d!-9/(!40L!4a91/0IJ60(. /<41/L!,6=0IJ609!JO!4!  
3./b/0IJ60!,601/Z!c!4996,J4IJ609!^J1;! , ;40=!/JO1/0IJ609\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>&'%8<2  
; &\$&8"07G2HD\$D&2\*'4\_!

(

D4,@4<540F!D F!D4.9J,6F!N H(38 ; ,#7<8F(6:9:[\*#&' \\_!RL6</9, /019d!-9/(!40L!4a91/0IJ60(. /<41/L!  
,6=0IJ609!JO!4!3./b/0IJ60!,601/Z!c!4996,J4IJ609!^J1;! , ;40=!/JO1/0IJ609\_!)<0+7+<#>I23<# '#08<28 '\*2  
CF9&"#>&'%8<2; &\$&8"07G2HD\$D&2\*'4\_!

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D4.9J,6F!N F!D4,@4<540F!D F!H(38 ; ,#7<8F(6:9:[\*#&' \\_!MOL/.4=!/54.Jh-404!40L!4<,6;6<!-9/!JO!  
./,./4IJ604<!/=/4<!9!41/9c!9J1-4IJ604<!,601/Z!9!67!-9/\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>&'%8<2  
; &\$&8"07G2HD\$D&2\*)&4\_!

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V ;J!F!E\_>\_F(38 ; ,#7<8F(6:9:=(S-019, ; /F!? F!H! ] /4.L9</ /F!\_![\*#&' \\_!I6,J4<40ZJ/1:F! 5 6IJb/9F!40L!4<,6;6<!  
40L!54.Jh-404!-9/!JO!<41/!4L6</9, /019!JO!./,./4IJ604<!/=/4<!9!41/9\_!)<0+7+<#>I23<# '#08<28 '\*2  
CF9&"#>&'%8<26; 8"07G2HD\$D&2D

@:4b/fF!R F!249;F!C F!@6.3-9F!`\_E\_F!H!38;,#7<8=(6:9:![\*#&)\\_!R,4L/5J,!56Jb/9F!/56J609F!40L!;J=;!9,;66<!L.JOYJO=\_!

38; ,#7<8=(6:9:F!>4 5 6F! 2\_?\_!Ad2 600/<F!H! ] .6^0F! I\_R\_![\*##"\! 2J9!J0=-J9;J0=! ,60L- ,!LJ96.L/.!40L!  
4<,6;6<-9/!LJ96.L/.c!P; /!.6</!67!3/.9604<J! :!40L!/Z3/ ,!40,J/9\_!)<0+7+<#>I23<# '#08<28 '\*2  
CF9&"#>& '%8<2; &\$&8"0702KE["\!U\$R\_!

(

38; ,#7<8=(6:9:=(@;4</YJ40F!\_F!H! ] .6^0F! I\_R\_![\*##)\!84./0!40L!3//.!!J07<- /0, /9!60!4<,6;6<!  
/Z3/ ,!40,J/9!J0! ,6 5 6.aJL! :6-1;\_!!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"0702

(

38; ,#7<8=(6:9:F!H! I 5 J! ;F!C\_P\_![\*##\*\!>J9Y!3.6, /99/9!76.!L.J0YJ0=J0!/</ 5 /0!4. :!40L!;J=;!9, ;66<!  
91-L/0!9\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"0702KL["\!\$&R\_!

!

38; ,#7<8=(6:9:F!H! I 5 J! ;F!C\_P\_![\*##&\!R, j -J./L!3./34./L0/99!76.!4<,6;6<!J0!^65 /0\_!)<0+7+<#>I2  
3<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"0702KN["\!)\*R\_!

(

QJ9, ;/.F! I\_F! I 5 J! ;F!C\_P\_F!H! 38; ,#7<8=(6:9:![\*##&\!R!3699Ja</!34!; ^4:;!7.6 5 !J0;Ja!J!60!!6!L.J0YJ0=\_!  
)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"0702KN["\!)\*#R\_!

(

38; ,#7<8=(6:9:F! I 5 J! ;F!C\_P\_F!H! D, @4.1; :F! 2\_D\_![\*##\*\!P; /!R, j -J./L!8./34./L0/99! 5 6L/</76.!4<,6;6<!  
.J9Y\_!)<0+7+<#>I23<# '#08<28 '\*2CF9&"#>& '%8<2; &\$&8"0702KH["\!)\*#R\_(

(

38; ,#7<8=(6:9:F!H! I 5 J! ;F!C\_P\_![\*TTT!\!P.4J!LJ9J0;Ja!J!60!40L!</4.OJ0=c!R!//9!67!!; /!4, j -J./L!  
3./34./L0/99! 5 6L/<\_!A+0#&%;2+ "2?"&5& '%#+ '2; &\$&8"0702

(

!<8A,#,8%,(># ,7,8\*+\*#<87NL8M\$\* ,;(0+k\_7(-daZ([c(K\$\*?(7\*"; ,8\*(%<P+!\*?<#75(

(

38; ,#7<8=(6:9:([\*##)\!D 6L/.4!6.\_!P; /!J09!40L!6-!9!67!4<,6;6<!. /9/4. , ;!Q-<a.J=;!14^4.L9c!P; /!J=;!!  
0/Z!9!3!76.! :6-!.!4.//.1!(I\_!B- ,f4Y![A.=40Jf/.%@;4J.\!I,J/O!J7J,!D//!J0=!67!!; /!>/9/4. , ;!  
I6,J/1: !60!R<,6;6<!DJ00/436<J9F!DJ00/96!4\_!

!

38; ,#7<8=(6:9:![\*##)\!8//.!96,J4<!,60!Z!9c!C/OL/.!40L!L/,J9J609!!6!-9/!4<,6;6<!40L!L.-=9!J0!!  
4L6</9,/0, /!40L!/ 5 /.=J0=!4L-<!;66L!\_!M0Jb/.9J! :!67! ]4. , /<604F!Q4, -<! :!67!89: , ;6<6= :F! ]4. , /<604F!  
I34J0\_!

!

~/09/0F!C\_F!E4.b/:F! I\_F!H(38; ,#7<8=(6:9:![\*##\*\!>6a-9!! ]4:/9J40!/9!J 5 4!J60!67!L/<4: !LJ9,6-0!J0=!  
,-.b/9!-9!J0=!I!40!869!/.!3./9/0!L!4!!; /!I6,J/1: !76.!g-40!J!4!Jb!/R04<:9/9!67! ] / ;4bJ6.F!2/0b/.F!  
@6<6.4L6\_!

(

38; ,#7<8=(6:9:([\*##\*\!(8//.!96,J4<!,60!Z!9c!R<,6;6<F!6!; /.!L.-=!-9/F!40L!3./b/O!J60!J0!!  
4L6</9,/0, /!40L!/ 5 /.=J0=!4L-<!;66L!\_!E-0!/.!D/LJ,4<!>/9/4. , ;!K09!J1-1/F!M0Jb/.9J! :!67!N/^ ,49!<!  
D/LJ,4<!I , ;66<F!N/^ ,49!</F!N! I V!R-9!4<J4!

!

38; ,#7<8=(6:9:([\*##\*\!(R99/99J0=!3//.!96,J4<!J07<- /0, /!J0!; /!<4ac!R<,6;6<F!,4004aJ9F!40L!16a4, ,6!  
9J5 -<4!J609\_!@/0!/.!76.!R<,6;6<!86J, :!>/9/4. , ;![@RI8>F!B4!P.6a!/M0Jb/.9J! :F!D/<a6-.0/F!  
OJ,16.J4F!R-9!4<J4\_(

(

38; ,#7<8=(6:9:([\*##&\!(N/=6!J4!J0=!4,4L/ 5 J4c!/=!1!J0=!; /!h6a!40L! 5 4YJ0=!J!^ ;4!! :6-!^40!\_!S\_C!  
R0L/.960!A.=40Jf/.%@;4J.\!I,J/O!J7J,!D//!J0=!67!!; /!>/9/4. , ;!I6,J/1: !60!R<,6;6<J95\_!OJ.1-4<!  
D//!J0=!

!

38; ,#7<8=(6:9:([\*##&\!(J-#<\*'428208"&&"2# '2\$>8<2<#0&"8<28"%\$20+<<&4&\$2K0!/.LJ9,J3<J04. :!8.6=.4 5 !J0!  
R-LJ6<6=:6M0Jb/.9J! :!67!DJ00/96!4\_!

(

38; ,#7<8=(6:9:[\*###\\_]\$\$&\$\$# '429&&'2\$+0#8<2# '/<-&'0&2# '2%7&2<8012T# ' \*# '4\$2/' +>2%7&2APVC298"8\*#4>(2  
>J14!O-hY!B/,1-./F!2/34.15 /0!67!89: , ;6<6=:F!M0Jb/.9J! :!67!R 5 9!/.L4 5 F!P; /!N/1; /.<40L9\_2

!

38; ,#7<8=!6:9:[\*#&+\_2V+2/'#&'\*\$2>8%%&"`23<+&\$&2/'#&'\*\$28 '\*298"%#0#98%#+ '2: +-%728<0+7+<2# '%&'5&'%#+'\$!  
KO!R\_!>/JLF!H!E\_!B4.9/0![@6(, ;4J.9\F!P; /!a660!40L!a40/!67!96,J4<!JbJ0=c!06b/<!14Y/9!60!96,J4<!



!

38; ,#7<8=(6:9:=!B/^J9F!@ >F!B4.9/0F!E\_F!I45 /<JOYF! ?\_F!H!VJ/.9F!>\_V\_![\*#&' \\_!V''^# '42>+/%#5&\$G2  
\_#<<# '4' &\$2%+2\*''^G28' \*28<0+7+<20+ '\$->9%#+' 123''+\$\$U0-<%- "8<20+>98''#'+ '\$2-\$# '42\$#>-<8%&\*2  
\$#%-8%#+' \$!K0!E\_IB4.9/0!H!S\_C\_!ROL/.960![@6(@;4J.9F!R996,J4IJ609!a/1^//0!,6=0J!Jb/(  
56!Jb4IJ604<!3.6,/99/9!40L!4<,6;6<!6-1,65 /9!J0!54,.6(,601/Z!9!40L!5J,.6(,601/Z!9\_!K01/.04IJ604<!  
@607//.0,/!76.!89: ,;6<6=J,4<!I,J/0,/!OJ/004F!R-9!J4\_!

!

@<6-!J/.F!> D\_F!] <- 5 /0!;4F!E\_F!H!38; ,#7<8=(6:9:![\*#&U\\_[ \$# '42&F9&''#>& '%8<28' \*2<802''&\$&8''072%+2\$%-\*:2  
8\*+<&\$0& '%2\$-0\$%8 '0&2-\$&12)2''&5#&\_2Y208<<2/'2''&\$&8''07\_!8691/.!3./9/01/L!4!1!; /!! 400-4<!5 //!J0=  
67!!; /!R 5 /J,40!89: ,;6<6=J,4<!R996,J4IJ60F!2/0b/.F!@A\_!

(

38; ,#7<8=(6:9:([\*#&U\\_ (P '%'+\*-0%#+' 28' \*2\*#\$0-\$8 '%((K0!S\_C\_!ROL/.960![@;4J.\!F!Q.65 !<4a!!6!  
J01/.b/0!J60c!9J1-4!J604<!J07<- /0,/9!60!9-a9!40,/!-9!/L/,J9J60!54YJ0=\_!I,J/0!J7J,!D//!J0=!67!!; /!  
>/9/4. ,; !I6,J/1!:!60!R<,6;6<J95 \_!N/^!A.</409F!B6-J9J404\_!

!

C4.,J4F!P\_R\_F!249;F!C F!H(38; ,#7<8=(6:9:![\*#&U\\_ (V''^# '42>+/%#5&\$28' \*2\_#<<# '4' &\$2%+2\*''^28<0+7+<2# '2  
9&&'2\*''^# '420+' %&F%\$((K0!S\_C\_!ROL/.960![@;4J.\!F!Q.65 !<4a!!6!J01/.b/0!J60c!9J1-4!J604<!J07<- /0,/9!  
60!9-a9!40,/!-9!/L/,J9J60!54YJ0=\_!I,J/0!J7J,!D//!J0=!67!!; /!>/9/4. ,; !I6,J/1!:!60!R<,6;6<J95 \_!  
N/^!A.</409F!B6-J9J404\_!

!

B4LLF!] \_A\_F!C4.,J4F!P\_R\_F!H(38; ,#7<8=(6:9:([\*#&U\\_ ()2'+5&<2899<#08%#+' 2# '2%7&2\$%-\*:2+/20<#&' %2<8'4-84&12  
378 '4&2%8<^2# '2\$-0\$%8 '0&U-\$# '428\*+<&\$0& '%\$2\*-' #'4282\$#>-<8%#+' 2%8\$^(K0!S\_C\_!ROL/.960![@;4J.\!F!  
Q.65 !<4a!!6!J01/.b/0!J60c!9J1-4!J604<!J07<- /0,/9!60!9-a9!40,/!-9!/L/,J9J60!54YJ0=\_!I,J/0!J7J,!  
D//!J0=!67!!; /!>/9/4. ,; !I6,J/1!:!60!R<,6;6<J95 \_!N/^!A.</409F!B6-J9J404\_!

!

!B4LLF! ]\_A\_F!C4. ,J4F!P\_R\_F!H(38; ,#7<8=(6:9:[\*#&"\!CF9<+"# '42%7&2-%#<#:2+/282\$#> -<8%#+'2%8\$^2%+2<#0#%2  
078'4&2%8^\_!K0!S\_C!R0L/.960!H!>\_V!\_VJ/.9![@6(@;4J.9\F!@60!Z!-4Jf/L!499/995/0!67! :6-1;!  
L/,J9J60!54YJ0=c!84:6779!40L!3J!74<9\_K0!/.04!J604!@607!./0, /!76.!89: ,;6<6=J,4<!I,J/0, /!  
R59!/.L45F!P; /!N/1; /.<40L9\_!

!B4.9/OF!E\_F!I4</5JOYF! ?\_F!VJ/.9F!>\_V\_F!H!38; ,#7<8=(6:9:![\*#&"\!A>+^# '42\$#> -<8%#+'2/+ '2V-%072  
- '#5&"\$#%:2\$%- \*% '\$28' \*2#>9<#0#%2\$>+^# '42#\*% '\$#%:\_!K0!\_!@6-9h0![@;4J.\F! ] / ;4bJ6.!J0!, 60!Z!c!R!  
0/-.6,6=0J!Jb/F!a/ ;4bJ6.4<!40L!L- ,4!J604!3/.93/ ,!Jb!/60!,6=0J!J60!40L!4L6</9, /0!9-a9!40, /!  
-9/\_K0!/.04!J604!@607!./0, /!76.!89: ,;6<6=J,4<!I,J/0, /\_R59!/.L45F!P; /!N/1; /.<40L9\_!

!B4.9/OF!E\_F!I4</5JOYF! ?\_F!VJ/.9F!>\_V\_F!H!38; ,#7<8=(6:9:![\*#&"\!VUAPVC!2V"# ' ^# '42\$#> -<8%#+'2/+ '2  
V-%072- '#5&"\$#%:2\$%- \*% '\$28' \*2#>9<#0#%2\$>+^# '42#\*% '\$#%:\_!K0!S\_C!R0L/.960!H!>\_V!\_VJ/.9![@6(  
@;4J.9\F!@60!Z!-4Jf/L!499/995/0!67! :6-1; !L/,J9J60!54YJ0=c!84:6779!40L!3J!74<9\_K0!/.04!J604!  
@607!./0, /!76.!89: ,;6<6=J,4<!I,J/0, /\_R59!/.L45F!P; /!N/1; /.<40L9\_!

(  
38; ,#7<8=(6:9:![\*#&"\!P'%" +\*-0#+' '(K0!S\_C!R0L/.960!H!I!\_Q/<L9!J0! ? ^J0=[@6(@;4J.9\F!84./0!4<!  
J07<- /0, /!60!4L6</9, /0!-9!/a/ ;4bJ6.c!@.699!04!J604!7J0LJ0=9!H!J53<J,4!J609!76.!J0!/.b/0!J60\_!  
I,J/0!J7J,!D//!J0=67!!; /!>/9/4. ,; !I6,J/1: !60!R<,6;6<J95\_! ] /<</b- /F!V49;J0=60\_!

! ] .6^OF!I\_R!\_p3./9/0!L!a: !38; ,#7<8=(6:9:![\*#&"\!@+ '4U%&">2%"8d&0%+ "#&\$2+/28\*+&\$0& '%2"&0+5&":28' \*2  
%7&#"29"& \*#0%+"\$(!@6<</=!60!8.6a</59!67!2.-=!2/3/0L/0, /!R00-4<!D//!J0=\_!I40!^ -40F!8- / .!6!  
>J,6\_!

(  
249;F!C\_Q !H!38; ,#7<8=(6:9:![\*#&"\! =8"#d-8'82-\$&62>+ %5&\$628' \*2078'4&2# '%#+' \$2# '28\*+&\$0& '%\$(!  
869!/.!3./9/0!L!4!1!; /!@6<</=!60!8.6a</59!67!2.-=!2/3/0L/0, /!R00-4<!D//!J0=\_!I40!^ -40F!  
8- / .!6!>J,6\_!

(  
38; ,#7<8=(6:9:![\*#&"\!\_!A+0#8<20+ '%&F%\$2+/2: +-%72\$-0\$%8'0&2-\$&J2T"+>2%7&298"%:2%+2%7&2<80\_!!2/34.15/0!  
67!89: ,;6<6= :F!M0Jb/.9J1: !67!M1. / ,; !F!P; /!N/1; /.<40L9\_!

! 38; ,#7<8=(6:9:![\*#&"\!\_!A+0#8<20+ '%&F%\$2+/2: +-%72\$-0\$%8'0&2-\$&J2T"+>2%7&298"%:2%+2%7&2<80\_!>J!4!O-hY!  
B/,1- ./F!2/34.15/0!67!89: ,;6<6= :F!M0Jb/.9J1: !67!R59!/.L45F!P; /!N/1; /.<40L9\_!

(  
38; ,#7<8=(6:9:![\*#&"\!\_!A+0#8<20+ '%&F%\$2+/2: +-%72\$-0\$%8'0&2-\$&J2J-#< \*# '42&0+<+4#08<<:258<#\*22  
\$#> -<8%#+' \$2# '2%7&2<80+"8%+":\_!I ^J99!K09!J1-1/!76.!1; /!8./b/0!J60!67!R<,6;6<40L!2.-=!  
8.6a</59F!B4-9400/F!I ^J!f/.<40L\_!

(  
38; ,#7<8=(6:9:![\*#&"\!\_!V8%820+<&0#+' 628'8<: \$#\$2Y2-\$&J2. 99+%"- '##&\$28' \*29#%/8<<\$!A./=60!  
@6<</=%M0Jb/.9J1: !I-a9!40, /!Ra-9/!8./b/0!J60!I-55J!F!M0Jb/.9J1: !67!A./=60F! ? =/0/F!A./=60\_!

(  
>45/f40JF!S F(P/.L4<F!Q F!8/33/.F!N !H(38; ,#7<8=(6:9:![\*#&"\!\_!6\_#%&"!2)\_2\_# ' \*+\_2+ '28<0+7+<2-\$&!K0!\_!  
@63/<40L!H! ?\_>!8/L/.9/0![@;4J.9\F!oP^ //15/0!n!J0!; /!\*&^! /0!- .: !@6<</=!60!8.6a</59!67!  
2.-=!2/3/0L/0, /!R00-4<!D//!J0=\_!I40!2J/=6F!@4<J76.0J4\_!

(  
I!J0/:F!D F(38; ,#7<8=(6:9:![\*#&"\!\_!H!V ;J!/\_!E\_>:![\*#&"\!\_!2<+ '4#%- \*# '8<2\$%- \*:2+/2>8"#d-8'82-\$&2>+ %5&\$280"+\$\$2  
&>&"4# '428\*- <%7++\*\_!@6<</=!60!8.6a</59!67!2.-=!2/3/0L/0, /!R00-4<!D//!J0=\_!I40!2J/=6F!  
@4<J76.0J4\_!

(  
(  
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38; ,#7<8=(6:9:=(

!  
>6aJ0960F!`D!H(38; ,#7<8=(6:9:([\*###\![ "4&'0:02># '\*/-<'&\$\$28 '\*28\*+<&\$0&'%28<0+7+<2-\$&\_  
R996,J4IJ60!76.! ] / ;4bJ6.4<!40L!@6=0JIB/!P; /.43J/9!R00-4!D//IJ0=!I40!Q.40,J9,6F!@R\_!

!  
V6.</:F!D\_`F!] /Y540F!N\_D\_F!26.40!N\_F!D60./4F!P\_F!38; ,#7<8=(6:9:-(H! ] .6^0F!I\_R\_([\*###\!  
=&\*#8%+"\$2+2%7&2"&<8%#+'\$20&%\_&&'2\$&'\$8%#+'U\$&&^# '428 '\*2>8"#d-8 '82-\$&2# '28\*+<&\$0&'0&(!  
R996,J4IJ60!76.! ] / ;4bJ6.4<!40L!@6=0JIB/!P; /.43J/9!R00-4!D//IJ0=!I40!Q.40,J9,6F!@R\_!

(  
38; ,#7<8=(6:9\_![\*##T\\_!!C8%# '42V#S+ "\*" "\$I2Z#&\_ \$2/" +>28 '2) \*\*#0%#+'2?&"\$9&0%#5&(2NV !K09IJ1-1/!67!  
RLIJ, IJ60!I1-LJ/9!I-55 / .!K09IJ1-1/\_!86.1<40LF!A./=60\_!

(  
38; ,#7<8=(6:9:([\*##T\\_ (3+ '%&F%-8<#b&\*28\$\$\$&\$>&'%2+/20+<<&4&2\$%- \*&'%2"\*# '^# '42\*&0#\$#+ 'U>8^# '4((K0!S\_C\_  
ROL/.960![@;4J.\F!EJ1IJ0=!4!56bJ0=!14.=/lc!@6<</=J4I/!L.JOYJ0=!J0!IJ5 /!40L!,60I/ZI!I,J/0IJ7J,!  
D//IJ0=!67!1;!>/9/4.,;!I6,J/1!:!60!R<,6;6<J95\_!I40!2J/=6F!@4J76.0J4\_(

(  
38; ,#7<8=(6:9:([\*##T\\_!A-0\$%8 '0&2-\$&298%%&" '\$280"+\$\$282\*&08\*&I2P>980%\$2+'29\$:07+\$+0#8<2/- '0%#+'# '42# '2  
&>&"4# '428\*-<%7++\*(2I, ;66<!67!8-aJ,!E/4<1;!C.40L!>6-0L9F!A./=60!E/4<1;!I,J/0,/9!MOJb/.9J1:!  
86.1<40LF!A./=60\_!

(  
38; ,#7<8=(6:9:([\*##+]/(2?&&"29"&\$\$-"&I2B&48%#5&2"&# '/+'0&>&'%2+"2"#S^20-&`!K0!?'\_S\_!>/:06<L9!H!B!  
D4,8;/.960![@;4J.9\F!869JIB/!40L!N/=4IJb/!>/J076., /5 /0!J0!RL6</9,/0!>J9Y! ] / ;4bJ6.c!  
@60,/31-4<Q.45 / ^6.Y!40L!N6b/<!R99/995 /019\_!R996,J4IJ60!76.!@6=0JIB/!40L! ] / ;4bJ6.4!  
P; /.43: !R00-4!D//IJ0=!A.<40L6F!Q<6.JL4\_!!

38 ; ,#7<8=(6:9:=(>45 6F!2\_?\_F!H! ] .6^OF!I\_R\_![\*##"\!a&'\*\*'2\*#//&'&'0&\$2# '20# '#08<20+ -"\$&2/+ "2  
8\*+<&\$0&'%\$2/+<<+\_# '428<0+7+<28 '2\*"-42%"&8%>&'%(2K0!@\_!C./<<4![@;4J.\G2P./415/0!J53J,4IJ609!67!  
=/0L/.!LJ77/./0,/9\_!'6J0!D//IJ0=!60!RL6</9,/0!P./415/0!?!77/,IJb/0/99!V49;J0=160F!2\_@!

38 ; ,#7<8=(6:9:F!>45 6F!2\_?\_F!Ad2600/<<F!H! ] .6^OF!I\_R\_![\*##"\!V#\$# '4-#7# '420+ '\*-0!2\*#"+\*\*&'28 '\*2  
8<0+7+<2-\$&2\*#"+\*\*&'I267&2"+<&2+/29&"\$+'8<#:28 '\*2&F9&0%8'0#&\$!K0! ]\_P!'60/9![D6L/.416.\F!  
K53J,J1!40L!/Z3J,J1!/Z3/,140,J/9\_!I,J/0IJ7J,!D//IJ0=!67!!;!/>/9/4.,;!I6,J/1!:60!R<,6;6J95\_!  
I4014! ]4.a4.4F!@4<J76.OJ4\_(

38 ; ,#7<8=(6:9:=(>45 6F!2\_?\_F!I ; , -<1/F!DF!H! ] .6^OF!I\_R\_![\*##"\!?'&\*#0+"\$2+/2:+-%72\$-0\$8'0&2-\$&2  
+-%0+>&\$28%2+ '&2:&8"28%&"2%"&8%>&'%I267&2#>980%2+/20+>+"0#\*%:(!K0!I\_R! ] .6^0![@;4J.\F!  
RL6</9,/0,/c!K0!/=4IJ0=>/9/4.,;!60!2/b/<635/0!40L!RLLJ,IJ60!R5/.J,40!89:.,;6<6=J,4<!  
R996,J4IJ60!R00-4<!@60b/0IJ60!V49;J0=160F!2\_@!

].6^OF!I\_R\_F!38 ; ,#7<8=(6:9:!=!P41/!I\_>\_![\*##U!!RL6</9,/0!4<,6;6<!. /<439/c!!P;/.!6</!67!,6=0J1Jb/!40L!  
96,J4<!/74!-./9\_!I,J/0IJ7J,!D//IJ0=!67!!;!/>/9/4.,;!I6,J/1!:60!R<,6;6J95\_! ]4<IJ56./F!D4.:<40L!

P41/F!I\_F!N6.540F!I\_ ]\_F!38 ; ,#7<8=(6:9\_F! ] .6^OF!I\_R\_![\*##U!!?6AV2\$:>9%+>\$G2+'2\*#84'+\$#\$G29"&\*#0%2  
" &<89\$&2%+2\$-0\$8'0&2-\$&(!I6,J/1!:67! ] /;4bJ6.4<!D/LJ,J0!/!@607/./0,/!\_!I40!Q.40,J9,6F!@4<J76.OJ4\_!

38 ; ,#7<8=(6:9:=(>45 6F!2\_?\_F!H! ] .6^OF!I\_R\_![\*##"\!a&'\*\*'2\*#//&'&'0&\$2# '20# '#08<20+ -"\$&2/+ "2  
8\*+<&\$0&'%\$2/+<<+\_# '428<0+7+<28 '2\*"-42%"&8%>&'%(2K0!@\_!C./<<4![@;4J.\G2P./415/0!J53J,4IJ609!67!  
=/0L/.!LJ77/./0,/9\_!'6J0!D//IJ0=!60!RL6</9,/0!P./415/0!?!77/,IJb/0/99!V49;J0=160F!2\_@!

38 ; ,#7<8=(6:9:F!>45 6F!2\_?\_F!Ad2600/<<F!H! ] .6^OF!I\_R\_![\*##"\!V#\$# '4-#7# '420+ '\*-0!2\*#"+\*\*&'28 '\*2  
8<0+7+<2-\$&2\*#"+\*\*&'I267&2"+<&2+/29&"\$+'8<#:28 '\*2&F9&0%8'0#&\$!K0! ]\_P!'60/9![D6L/.416.\F!  
K53J,J1!40L!/Z3J,J1!/Z3/,140,J/9\_!I,J/0IJ7J,!D//IJ0=!67!!;!/>/9/4.,;!I6,J/1!:60!R<,6;6J95\_!  
I4014! ]4.a4.4F!@4<J76.OJ4\_!

38 ; ,#7<8=(6:9:=(>45 6F!2\_?\_F!I ; , -<1/F!DF!H! ] .6^OF!I\_R\_![\*##"\!?'&\*#0+"\$2+/2:+-%72\$-0\$8'0&2-\$&2  
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RL6</9,/0,/c!K0!/=4IJ0=!. /9/4.,;!60!L/b/<635/0!40L!4LLJ,IJ60!R5/.J,40!89:.,;6<6=J,4<!  
R996,J4IJ60!R00-4<!@60b/0IJ60!V49;J0=160F!2\_@!

>45 6F!2\_?\_F!38 ; ,#7<8=(6:9\_F!H! ] .6^OF!I\_R\_![\*##"\!?'&\*#0+"\$2+/28\*+<&\$0&'%2>&'%8<27&8<72\$&"5#0&2  
-#<#b8#+'2+'&2:&8"28%&"2%"98%#&'2\*"-428 '\*28<0+7+<2%"&8%>&'%(R5/.J,40!89:.,;6<6=J,4<I6,J/1:!  
R00-4<!D//IJ0=\_!B69!R0= /</9F!@R\_!!

38 ; ,#7<8=(6:9:=(@;4/YJ40F!`\_F!H! ] .6^OF!I\_R\_![\*##)\!?'8"&'%28 '\*29&&"2#/'<-&'0&\$2+'28<0+7+<2  
&F9&0%8'0#&\$2# '20+>+"0#\*2:+-%72(I,J/0IJ7J,!D//IJ0=!67!!;!/>/9/4.,;!I6,J/1!:60!R<,6;6J95\_!  
O40,6-b/.F!@404L4\_!

].6^OF!I\_R\_F!38 ; ,#7<8=(6:9:!=!D,@4.1;:F!2\_D\_F!H!@;4/YJ40F!`\_I\_![\*##)\!<0+7+<28 '\*2\*"-42+-%0+>&\$12  
6"8d&0%+"#&\$2/">28\*+<&\$0&'0&2%+2+-'428\*-<7++\*(!K0!@\_!D4.IJ0!40L!P!@;-0=![@;4J.9!G2@6-.9/!  
67!4<,6;6<40L!L.-=-9/!40L!3.6a</59!J0!4L6</9,/0,/2R5/.J,40!89:.,;6<6=J,4<R996,J4IJ60!  
R00-4<!@60b/0IJ60!E606<-<-F!E4^4JJ\_!

P65<J0960F!S\_B\_F!38 ; ,#7<8=(6:9\_F!P41/F!I\_>\_F!D,@4.1;:F!2\_D\_F!H! ] .6^OF!I\_R\_![\*##)\(2;&<8#+'\$7#92  
O&%\_&&'29\$:07#8"#02\$:>9%+>8%+<4:28 '\*2"&<89\$&2# '2\$-0\$8'0&2-\$&2\*#"+\*\*&'&'28\*-<2\_#728 '\*2  
\_#7+-%20+>+"0#\*2)F#\$2P29\$:07+98%7+<4:!!R996,J4IJ60!76.!!;!/RLb40,/5/0!67! ] /;4bJ6.!  
P;/.43:R00-4<!D//IJ0=\_!N/^!A.</409F!B6-J9J404\_!!

38; ,#7<8=(6:9:=(P65<J0960F!S\_B\_F!D, @4.1; :F!2\_D\_F!H! ] .6^0F!I\_R\_![\*##\$\\_!?"&\*#0%+"\$2+/2"&<89\$&2  
0+ '%&F\$2/+ '28\*+<&\$0& '\$\$2\_#%720+>+"0#\*29\$:07+98%7+<+4: \_!R 5 / .J,40!89: , ;6<6=J,4<!I6,J/1:!  
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38; ,#7<8=(6:9:;!H!I 5J!;F!C\_P\_![\*##\*\\_!; #^29"+0&\$2/+ "2\*"# '^# '42# '2&&>& '%8":28 '\*27#472\$07++<2\$%- \*& '\$\$(2  
I,J/0!J7J,!D//!J0=!67!;! /!>/9/4. , ;;!I6,J/1: !60!R<,6;6<J9 5\_!I40!Q.40,J9,6F!@4<J76.0J4\_!!

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38; ,#7<8=(6:9:[\*#&&F!I- 5 5 /.\\_!Q/L/.4<!M3L4!/\_!67&2) \*\*#9:(





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QJ.9!II/39F!2/3!\_!67!E/4<!;H!E-540!I/.bJ,/9!  
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