

\$\$%&' (!) *!%+\$!, -) . &(&' , /!O) 1' O&/!) *!21\$\$' 34!1' &5\$. 4&%6!7, O218!

! "\$\$"%#&' ()*" +, -&, ') . /0. 0120/340)5676)

89:&;<9\$3). 0. 0=9+" , ;)>- ; ?" , @&\$#)A&@014B)C\$<9\$>;6)

&9! : ; ; <9 = : 9 > < ?!

# : @A<9<!--@: 9;!O: B;<AA: 9C! !	O: @CAD9<!E: FDB! !	! , A: 9!+ : @@DBC9!!
, 99!%D<@9<G!!! ! !	H: I A!OJ: KI ;!! !	# <A: 9D<!+CL: @=!
E I 9>: 9!O@<<!! ! !	E<@<M!4: NDO: ! !	-@<9 = : 9!+CI B;C9!
/G99!*@<<O: 9! ! !	# <A: 9D<!(@: G!! !	# D>J<AA<!P DAAD: OB!
Q: 9D><!--DAA! ! ! !	' C@O: !4I 9 = : G! !	O: @CA!, 99!-I ==! !
QDAA!4>C;;! ! ! !	ECI NI# : @: >A<! !	. <R<>>: !/I ><ST: KA<@!

! !

(I <B;B?!&<9<!--I U: @: V!, @DN!(D@N@: JV!\$AAD<!4: =D9BMGV!. <R<>>: !-<9BC9!

!

"\V) K<9D9N!H@: G<@!! ! ! ! ! !!!!!!!!!!!!!XOCSOJ: D@!--@: 9;!O: B;<AA: 9C!
Y\W&9;@C=I >;DC9B! ! ! !!!!!!!!!!!!!!!!!!!!!!! ! ! ! !!!!!!!!! ! !!!!!
Z\W, =CK;DC9!C[!, N<9 = : !! ! !
\V, =CK;DC9!C[!;J<!# <<;D9N!# D9I ;<B!C[!] >;CR<@!Y]V!Y^"Z! !!

!

_V. <KC@;B![@CO!;J<!OC SOJ: D@B!!

!

B\W --@: 9;!O: B;<AA: 9C!@<KC@;<=IC9!;J<!O: I >I B!O<<;D9N!;J: ;!;CCM!KA: ><!DOO<=D: ;<AO. 2!!TJTJET0@. 24

, !@<KC@;![@CO!. CR<@;!. D;;L: N<V!OC I 9>DA3B!@<K@<B<9;;: ;DF<IC9!;J<I 9DF<@BD;G3B!
\$OKACGO<9;!\$bI D;G!OCOOD;;<<V!L: B!B! ROD;;<=!: 9=!: 9!R<![CI 9=!: ;!, KK<9=Da!"!C[!;JDB!
=C>I O<9;W

!

(<CN@: KJG!K@C[<BBC@!, 99<!(C=A<LBM: !K@<B<9;<=!:C!O: I >I B!C9!J<@!C9NCD9N!, RC@DND9: AI
, BB<BBO<9;!: 9=!, L: @<9<BB!K@CI<>;WE<;: DAB!:@<D9!;J<!@<KC@;![!OC I 9>DA3B!&9=DN<9CI B!
T9CLA<=N<V!OI @@>I AI O!: 9=!. <B<: @>J!LC@MD9N!N@CI KWO: I >I B!@<>COO<9=B!OC I 9>DA!
: [[D@O!D;B!>C9;D9I D9N!BI KKC@;![C@!;JDB!K@CI<>;!: 9=!@<bI <B;B!;J: ;!;J<I LC@MD9N!N@CI K!
>C9BI A;!LD;J!E@W (C=A<LBM: !C9!: !bI <B;DC99: D@<!;J: ;DB!R<D9N!I B<=!: B!K: @;![C!;J<I K@CI<>;!
: ;!2I <<93B!; 9=!:J: ;!>: 9!R<!: =: K;<=!: ;!C;J<@!I 9DF<@BD;D<BW

!

BWE: FDB!>COO<9;<=!:J: ;!;J<I<: @D<@!;J<I<=I >: ;DC9!C[!GCI 9N!K<CKA<I R<ND9B!C9!
, RC@DND9: AIJDB;C@GV!;J<I R<;;<@W!

!

E@W/I ><ST: KA<@!: ==<=!:J: ;!K@CFD9>D: AI>J: 9N<B!;C!;J<I-W\$=!K@CN@: O!: @<I>: I BD9N!
>C9><@9!: RCI ;![I 9=D9N!C@!K: @;S;DO<I>COOI 9D;GSR: B<=!: RC@DND9: AI;<: >J<@!<=I >: ;DC9!
K@CN@: OOD9NW, ==D;DC9: AI[I 9=D9N!DB!@<bI D@<=W!

!

cW. <KC@;![@CO!;J<I) [[D><I C!;J<I H@CFCB;!!! ! ! ! !!!!!!!!XE@WQDAA!4>C;;V!
!!!!5D><SH@CFCB;V!%<: >JD9N!: 9=!/<: @9D9N!!

!

E@W4>C;;!DB!: ABC!: ![: >I A;G!O<OR<@D9!;J<I E<K: @;O<9;![C!/: 9NI : N<BV!/D;<@: ;I @<B!: 9=
OI A;I @<B!: 9=IB: D=IBJ<I L: B!KA<: B<=!:C!B<<I;J<I D9;@C=I >;DC9!C[!&9=DN<9CI B!/: 9NI : N<I
>CI @B<B!: ;!2I <<93B!4J<I 9C;<=!:J<I G<: @B!C[!LC@M!C!;J<I =<K: @;O<9;V!D9!>C9BI A;; ;DC9!LD;J!
B! (D@N@: JV!# B! + DAA!: 9=IC;J<@BV!;J: ;!OCF<=!:J<I K@C><BB!C@L: @=W!

!

E@W4>C;;!L: B!: ABC!D9FCAF<=!D9!;J<I @<><9;!

:W H@<B<9;; ;DC9!C9!. !/-00&**!, RC@DND9: A!>CJC@;!!!!!!!!!!!!

!!!!S, @!N! (D@N@: JV!. <R<>>: !-<9BC9!!

!

%J: 9MB!;C!: 9!: 9C9GOCI B!=C9C@!;J<!I 9DF<@BD;G!KDAC;<=!: !9D9<SL<<M!;@: 9BD;DC9!
BI KKC@;!K@CN@: O!D9!*: AA!Y^"Z!>: AA<=!2!4I >><BB![C@!""^[D@B;SG<: @B;I =<9;B!
, KK@CaDO: ;<AG!"Y!K: @;D>DK: 9;B!B<A[SD=<9;D[D<=!: B!, RC@DND9: A!: 9=!L<@<C[[<@<=!:J<!
CKKC@;I 9D;G!;C!UCD9!: 9!, RC@DND9: A!B;I =<9;!>CJC@;W/: I @: !# : @: >A<L: B!;J<B;: [[!
A<: =[!@CO!*CI @!ED@<>;DC9BV!# B!W -<9BC9!L: B!;J<!K<<@!O<9;C@!; 9=!<A=<@B!L<@<!
D9FCAF<=!:J@CI NJCI ;W) [;<9!;J<!B<BBDC9B!@: 9!AC9N<@!;J: 9!B>J<=I A<=I <!;C!;J<!
9: ;I @<C[!;J<!=DB>I BBDC9!: 9=!bI <B;DC9B!W%CKD>B!D9>A! =<=!J<: A;JG!ADFD9NV!O<9;: A!
J<: A;J!: 9=!B;@<BB!@<=I >;DC9V!RI DA=D9N!>C99<>;DC9BV!@: DBD9N!: L: @<9<BB!C[!BI KKC@;B!
: 9=!@<BCI @<BV!B<A[SD=<9;D;G!: 9=!; !B<9B<C[!>I A;I @<W, ![C>I B!N@CI K!L DAA!R<!J<A=!: B!
K: @;!C[!KA: 99D9N![C@!9<a;!G<: @W!

!

B!W -<9BC9!B: D=!: !BDN9D[D>: 9;!>J: AA<9N<!DB!;C!N<;![D@B;SG<: @B;I =<9;B!;C!*CI @!
ED@<>;DC9B!W # : 9G! [<<A!;J<G!e: @<93;!D9=DN<9CI B!<9CI NJf!;C!FDBD;!RI ;! [<<A!BC!
L<A>CO<!LJ<9!;J<G!=CW%JDB!K@CN@: O!N: F<B;I =<9;B!; !K: ;J!;C!;J: ;!BI KKC@;W4CO<!
B<BBDC9B!L<@<=D[D>I A;V!<=I <!;C!K<@BC9: A!<aK<@<9><B!;J: ;!>: O<C! ;V!: 9=!<A=<@B!
KL96432. 369I A;

]W4;: M<JCA=<@!1K=:;<B! !!!!!!!!!!!!!!!!!!!!!!!!!!!!! ! !!!!!!! !!!" #\$\$%&' !#&()#%*!+\$*%#\$, -%&+!
! !!!!! ! ! ! !!!!!!!!!!!!!!!!!!!!! ! ! ! ! !!!!!

DW *CI @!ED@<>;DC9B!, RC@DND9: A!4;I =<9;!O<9;@<!7*E, 4O8!

!

!!!!!!!!!!!!# B! +DAA!@<KC@;<=!;J: ;!BJ<!L: B!@<><9;AG!<A<><=!;C!;J<!19DF<@BD;G!4<9: ;<W

!

DDW , RC@DND9: A!%<:>J<@\$=I >;DC9!H@CN@: O!7, %\$H8!

DDW #: B;<@!C![\$=I >;DC9!D9!, RC@DND9: A!g!PC@A=!&9=DN<9CI B!\$=I >;DC9!!

!!!!!! 4;I =D<B!7, P&\$48!

DFW , RC@DND9: A!, >><BB!;C!\$9ND9<<@D9N!7, , \$8!

!

- #BW

B! -@: 9;!O: B;<AA: 9C!D=<9;D[D<=;!;J<!@<>I @@!9N!;J<O<!C[!R! DA=D9N!>COOI 9D;G!: 9=!
: >><BB!;C!>COOI 9D;G!: OC9N!: AA!C[!;J<!K@CN@: OB! =@!R<=!: 9=;!;J<!DOK: >;!C!
[: ><

!

!

- OCSOJ: D@!-@: 9;!O: B;<AA: 9C!OCF<=;!;J<![CAACL D9N!OC;DC9V!LJD>J!L: B!<9=C@B<=?!

!

?@A: %!2)- ' O\$4!; ;\$#> *!\$%*(0)' %\$' -\$' 6!* - ((#%!)#!%A&!#&*&: #OA!(#)B&O%(!D,)#\$6\$' :4!
 D**&***>&' %!: ' +!DE: #&' &*C!:' +!#&;&#*C!%)!%A&!F' +\$6&')- *!G')E4&+6&!: ' +!2-##\$0-4->!
 ")#H\$' 6!| #)-(C!: !#&J-&*%!(#)>!K#);&*)#| |)+4&E*H: C!;)#!\$' (-%!)!#&,\$' &!:*%-+&' %!
 J-&*%\$)' ' :\$#&!%A: %!\$*(: #%!)!%A&!(#)B&O%8L!

- &!L: B!9C;<=;!;J: ;!: !9<L!K@CN@: O!@<KC@;!LDAA!R<!: ==<=;!;C!mB;: M<JCA=<@!I K=: ;<B3!X
[4I B;: D9: RA<!\\$9ND9<<@D9N!D9!. <OC;<! , @<: B!74\\$. , 8W!](#)

!

- %J<!OCSOJ: D@B!>COO<9=<=;!I 9D;! =D@<>;C@B![C@!;J<D@!LC@M!D9!@<: AAC>;D9N!;J<D@!44*!
 RI =N<;B![C@!G<: @B!;LC!: 9=;!;J@<<!

!

d

!

!

. <KC@;![@CO!. CR<@;!. D;;L: N<V!, O2 1!@<K!C9!2I <<93B!OCI 9>DA!C9!\$OKACGO<9;!\$bI D;G!
7O\$\$8

!

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