

! " # \$ % & ! , - & . + % & - ! & . ! , / (0 & % & 1 / 2 3 ! 4 / + ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! 9) 6 :) - 2 ! ; < ; " =
 1 - + % + 6 * # !
 ; # \$ % % & ' () * + ! , - & . + % & - ! & . ! , / (0 & % & 1 / 2 3 ! 4 / + ! >) * / & 0 (' ! 5 6 (7 + - % (* 2 ! & . ! \$? + - (') 3 !
 @) % / (6 A * & 6 3 ! 8 > 3 ! ; < " ; ! B ! 8 + ' + ? C + ! ; < ; < ! !
 D # \$ % % (% *) 6 * ! , - & . + % & - 3 ! 4 / + ! >) * / & 0 (' ! 5 6 (7 + - % (* 2 ! & . ! \$? + - (') 3 ! ; < < E ! B ! ; < " ; !!
 E # F 6 % * - : ' * & - 3 ! 5 6 (7 + - % (* 2 ! & . ! G & * - + ! 8) ? + 3 ! G & * - + ! 8) ? + 3 ! F 6 H () 6) 3 ! ; < < D ! B ! ; < < E !
 !
 !
 " # I + % +) - ' / ! J + 0 0 & K % / (1 ! . - & ? ! G & * - + ! 8) ? + L % ! H + ! G (' & 0) ! > + 6 * + - ! M . & - ! * / + ! ; < ; N 0
 ; < ; P ! % ' / & & 0 ! 2 +) - 0 !
 ; # R -) 6 * ! . - & ? ! * / + ! 4 + ? 1 0 + * & 6 ! J & : 6 H) * (& 6 3 ! ! " # \$ % & ' (% &) * + , - . .) % / ' " * ! & 0 # % 1 2 * ' & 3 *
 4 , 1 % 5 (% ' & * 6 (, % / 5 * + , 1 . #) , * + 1 ' % & % &) % & * 7 5 2 / , . . .) % / ' " * 8 / % - & / - * M T 1 - (6 A ! ; < ; D =
 , - + % + 6 * Q
 D # U) A A) - ! T ' / & 0) - ! \$ K) - H 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % ! ; < ; D
 E # V H (* & - () 0 ! W &) - H 3 ! 9 . : ' * - (* ; - (- 1 ' < * ; < ; D 0 1 - + % + 6 *
 N # V H (* & - () 0 ! W &) - H 3 ! 8 (# 3 % - 5 % & * 4 , 1 % 5 (% ' & * 6 (, % / 5 3 ! ; < ; < 0 ; < ; D
 P # V X + : * (7 + ! > & : 6 ' (0 3 ! \$? + - (') 6 ! >) * / & 0 (' ! , / (0 & % & 1 / (') 0 ! \$ % % & ' () * (& 6 3 ! ; < ; < 0 ; < ; D
 Y # J + 0 0 & K 3 ! F 6 % * (* : * + ! . & - ! U : ?) 6 ! V ' & 0 & A 2 3 ! ; < " P 0 , - + % + 6 *
 Z # 8 (- + ' * & - ! R -) H :) * + ! T * : H (+ % 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! ; < ; = 1 - + % + 6 * !
 [# > & ? ? (* * + + ! & 6 ! T * : H + 6 * ! 8 (% ' (1 0 (6 + 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! ; < ; D
 " < # 4 / + & 0 & A 2 ! H + 1) - * ? + 6 * ! \& C ! % +) - ' / ! ' & ? ? (* * + + 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! ; < ; 0 ; < ; D
 " " # , - & 7 & % * ! % +) - ' / ! ' & ? ? (* * + + 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! ; < ; " 0 ; < ; ;
 " ; # , / (0 & % & 1 / 2 ! H + 1) - * ? + 6 * ! \& C ! % +) - ' / ! ' & ? ? (* * + + 3 ! 5 6 (7 + - % (* 2 ! & . ! 8) 0 0) % 3 ! ! 0 < 2 0 ! 2 4 0 6 0 1 . 9 2 c m B T 0 0 0 5 0 1 7 0 4

Y# UT , U!"<"\$!4 /+! \$-(%*&*+0()6!T*:H(: ? !
 Z# UT , U!"<;\$!V*/(%!)6H!, &0(*(%!
 [# , /(0! ; ""\$!4 /+!>0)%%(')0! a (6H!M/&6&-%Q!
 "<# , /(0! ; <"\$!4 /+!>0)%%(')0! a (6H!
 ""# , /(0! ; "\$!4 /+! a &H+-6! a (6H!M/&6&-%Q!
 "# , /(0! ; <;\$!4 /+! a &H+-6! a (6H!
 "D# , /(0!D<DS!W(& ? +H(')0!V*/(%!
 "E# , /(0!D<[\$!4 /+&-(+%!&.!V*/(%!
 "N# , /(0!D "\$!>&6*+ ? 1&-)-2! a &-)0!F%:+%!

!

!

"# a #\$\$#e , /#8#3!5 6(7+-%(*2!&.!G&*-+!8) ? +!G&*-+!8) ? +3!F6H()6)3!" [[!B! ; <<E!
 D%55-1('%. &*+, -*!-3*'&3*E/0#%I-3*; %I(#-5%&*E0#%& '5<*D%I-/-3*F2*
 E%"I-3*GI-33.5. H*
 *

;# a #\$\$#3! a)*/+?)*('%3! 5 6(7+-%(*2!&.! a)-20)6H3!" [[Y0" [[#!

!

D# W#\$#3! a)*/+?)*('%!)6H! , /(0&%&1/23!4 /+!>)* /&0('!5 6(7+-%(*2!&.!\$? +-(')3!
 " [[D0" [[Y!

!

S!

!

"# I- '3%&)5%&*E>>%-3*6(,%/53!\$6A+0)! f 6&C+03!>)* /+- (6+!G&0)6!TK++6+23! , +*+-!
 f &-(%)6%]2!)6H!9&+! a 'F6+-623!+H%#!

!

;# g , :**(6A!&6!d(-*: +\$! I +.-+6 '+%!*&! d(-*: +!(6!\$c :(6)%L%!T' -(1*: -+!
 >& ? ? +6*)-(+%h!

!

!

!

"# EO#%& '5*'&3*(, -*!-3* ? . I '/*; %I(#-53!5 6(7+-%(*2!&.!G&*-+!8) ? +! , -+%%3! ; <; "%!
 M ,)1+-C)!]7+-%(&6!-+0+)%+H!(6!J+C-:-)2!;<;E0#!
 I+7(+K+H!(6!8>-/#"\$#3!+, -..)23!J.#I&'/*. @* ? . I '/*+, -..)23!)6H! I -:-K*. @*
 ? -('>, 25%/5#! I+7(+K%!.&-*/' & ? (6A!(6!9. : '*(-*; -(-1'*))6H!&*/+-%#!

!

;# ; %I(#-<*= 'F(* '&3*B1 '/-%&*+, . \$ '5*EO#%& '5L*8(#3%-5%&*4 , 1%5% '&*6(,%/5<*
 8>-/%'/*!55#-M*a)23!;<;D3!>&0VH(*-&MK(*!/8)7(H!V00(&!)6H!@((00() ? !
 a)**(%&60#!

*

D# 4 , 'I' /(-IL*9-K*D%I-/(%. &5*I. \$*7, %.5.>, 2<752/, ..)2<*&3*+, -..)2#!VH!
 >/-(%*()6! a ((00+-3! I#! a ('/)+0!J:-3!\$6A+0)! f 6&C+03!)6H!@((00() ? !J0++%&6#!G+K!
 b &-]S!^X.&-H!5 6(7+-%(*2! , -+%%#! ; <"N#!

!

!

*

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*

!

" "#

!
;N# g4K&!4 /+&-(+%!&.!>/-(%*()6! d(-*:+#h!+, -*E \$ -I%/'&*4 '(, .%"/*7, %".5.>, %/'"*<
P#'I(-I"23!7#ZE!MDQ#!T: ? ?+-!;<"<S!N[[0P"Z#!
!
;P# g>)6!*/+!F6..:+%+H!)6H!\$ 'c:(-+H!d(-*:+%!>&+X(%*!(6!*/+!>/-(%*()6!`(.+mh!8(#3%-5*
%&*4 , 1%5(%'&*6(, %/53!7#;D!ME0#!J)00!;<"<S!DZ"0D[P#!
!
;Y# gT26H+-+%(%3!`)K3!)6H! d(-*:+#h!(6!+, -*9 . 1\$ '(%:(2*. @*(, -*9 '(#1'"3!+H(*+H!C2!
a)-!]>/+-23!DD0EE#!!!T1-(6A+3!;<<[#!
!
;Z# g , :C0('02!\$ ''+%%(C0+!F6*:(*(&6%#h!!4 , 1%5(%'&*N%. -(, %/5!7#"D!M;<<YQS!"ZD0" [Y#!
![# g\$c:(6)%!&6!*/+!V6H!&.! a)--()A+#h!(6!=# \$ '&*G-I(%"(2L*Q, -l-*G '%(, *'&3*
8/%-&/-* ? --(3!+H(*+H!C2!4 /+-+%)!G&*)-+3!ND0Y<#! a (0K) :]++\$! a)-c :+**+!
5 6(7+-%(*2!, -+%%3!;<<Z#!
!
D<#

P# I+7(+K!&.!9&6)*/)6!T)6.&-H3!E(-I*,%I(#-#!M@)/ (6A*&63!8#>#S!4/+!>)*/&0('!
5 6(7+-%(*2!&..!\$?+-(')!,-+%%3!;<"NQ!

Y# I+7(+K!&.!8)7(H!8+'&%(* ? &3!6(,%/5*'5*'*Q .10*.0*4 , '1%(2L*+, . \$ '5*EO#%&'5*
'&3*7 ') '&*; %I(#-3!MT*)6.&-H3!>\$S!T*)6.&-H!5 6(7+-%(*2!, -+%%3!;<"EQ3!+, -*
+, . \$%5(*!

Z# I+7(+K!&.!\$ 6H-+K!, (6%+6*3!+, -*8-/ .&3*7-15 .&*7-15>-/(%:-*%&*EO#%&'5S5*
6(,%/53!M I &: *0+HA+!;<" "Q3!+, -*+, . \$%5(*YY3!MEQ!

M0(%*!0(? (*+H!*&!;<"P01-+%+6*3!%& ? +!. :*: -+!'& ? ? (* ? +6%!(6'0:H+HQ!

"# F67(*+H!>&6.+--6'+!,)1+-S!g\$c:(6)%!)6H!n , :** (6A!&6!d(-*: +3lh!EO#%&'5*'(TUUL*
E3* ? #'(.5*E&&.5<*5 6(7+-%(*2!&.!G&*-+!8) ? +3!T+1*#!;<;E#!
!

;# F67(*+H!`+':-+S!gJ+ ? (6(% ? 3!^C0(A)*(6!)6H!\$C-&*(&6#h!\$66:)0!4 /& ?)%!
\$ c:(6)%!`+':-+3!T*#! a)-2L%!>&00+A+3!T&:*/!W+6H!FG#!T+1*#!;<;E#!
!

D# F67(*+H!>&6.+--6'+!,)1+-S!g4 /+!@+00!R :)-H+H!4&6A:+S!\$c:(6)%!&6!*/+!d(-*: +!
&.!d+-(*)%3h!5 6(7+-%(*2!&.!4 :0%)3! a)-'/!;<;E#!
!

E# F67(*+H!`+':-+S!g4 /+!,)-)H&X+!&.!,-&0`(.+!J+ ? (6(% ? #h!4 /& ? (%*('!F6%*(*: +3!
9&/6%!U&1](6%!5 6(7+-%(*2#!J+C-:)-2!;<;E#!
!

N# F67(*+H!`+':-+S!g>&66)*:-)0(*2!)6H!*/+!,)%(&6%3h!, /(0&%&1/2!>&00&c:(: ? 3!

!

" "# F67(*+H!`+'*:--\$!gR&&H6+%%!@(*/&:*!R&Hmh!4 /& ? (%*('!F6%*(*:+3!4+X)%!\$ k a 3!
T+1*+ ? C+-!;<;D3!W)20&-!5 6(7+-%(*23!\$ 1-(0!;<;D3!5 6(7+-%(*2!&.!4+X)%!)*)!
\$:%*(63!\$ 1-(0!;<;"#!
!

" ;# f+26&*+\$ HH+%%\$!g4+) /(6A!d(-*:+m!4/+!5 T!G)7)0!\$ ')H+ ? 2L%!VX1+- (? +6*3h!
T&'(+*2!&.!>/-(%*()6!, /(0&%&1/+-%3!J0&-(H)!T*)*+!5 6(7+-%(*23!9)6:)-2!;<;<!
!

" D# F67(*+H!'&6.++6'+!1)1+-!gJ+ ? (6(% ? !)6H!\$ C&-*(&63h!\$? +-(')6!>)*&0('!
, /(0&%&1/(')0!!\$ %%&'()*(&63!G&7+ ? C+-!;<" [!
!

" E# F67(*+H!0+'*:--\$!g I :0+%)6H!W:-H+6%\$!>)6!)!J+ ? (6(%*!C+, -&00(.+mh3!4 /& ? (%*('!
F6%*(*:+3!\$ -(_&6)!T*)*+!5 6(7+-%(*23!G&7+ ? C+-!;<" [3!@+%*, &(6*3!G&7+ ? C+-!
; <" [3!9&/6%U&1](6%J+C-:)-2!;<;<#!
!

" N# F67(*+H!0+'*:--\$!gT*+1/+6L%!T*-+6A*/3h!, (6'])+-%!T2 ? 1&(%(: ? 3!5 6(7+-%(*2!&.
G&*-+!8) ? +3! a)2!;<" [!
!

" P# F67(*+H!0+'*:--\$!gF6'-+)%+!)6H!V..&-*\$!@/)*)!8&+%(#! a +)6!*&!>:0*(7)*+!F6.:%+H!
a &-)0!d(-*:+%mh!>5 \$!T1-(6A!`+'*:--!T+-+!T'/&&0!&., /(0&%&1/23!\$ 1-(0!
; <" [!
!

" Y# F67(*+H!0+'*:--\$!g @)--(&-%)6H! a)-*2-%3h!T*#!d(6'+6*p%!>&0+A+3!\$ 1-(0!;<" [!
!

" Z# F67(*+H!'&6.++6'+!1)1+-!g4/+!J(*(&6!&.!*/+!@/%) +2!, -(+*3h!5 6(7+-%(*2!&.
J-(C&:-A3!J-(C&:-A!TK(*_+-0)6H3!^ !*&C+-!;<" Z!
!

" [# F67(*+H!'&6.++6'+!1-+%%+6*)*(&6!g \$ c:(6)%L!>& ? ? +6*)-2!&6!*/+!
T+6*+6'+%)6H!>&6*+ ? 1&)-2!\$ ''&:6*%&.!F6.:%+H!d(-*:+3h!F6*+-6)*(6)0!
>&6A-+%%!&6! a +H(+7)0!T*:H(+%3!f)0) ?)_&&! a F3! a)2!;<" Y!!
!

" ;# F67(*+H!0+'*:--\$!g \$ c:(6)%!)6H!*/+, -&C0+ ? !&.,)A)6!d(-*:+h!b)0+!5 6(7+-%(*2!
4 /& ? (%*('!F6%*(*:+3! a)-' /!;<" Y!
!

" ;# F67(*+H!0+'*:--\$!gR&&H6+%%!K(* /&:*!R&Hmh!W)20&-!5 6(7+-%(*2!4 /& ? (%*('!
F6%*(*:+3!J+C-:)-2!;<" Y!
!

" ;# gT'-&&A+!)6H!T:HH+6! a &-)0!>/)6A+3h!4+ ? 10+*&6!@&-](6A!R-&:1!&6!d(-*:+3!
U)11(6+%%3!)6H!*/+! a +)6(6A!&.!`(.+3!>&0: ? C()3!T>3!8+'+ ? C+-!;<" P#!
!

" ;D# g d(-*:+!)%!8(7(6+!R(.3h!4+ ? 10+*&6!@&-](6A!R-&:1!&6!d(-*:+3!U)11(6+%%3!)6H!
*/+! a +)6(6A!&.!`(.+3!>/(')A&3!F`3!9:6+!;<" P#!
!

" ;E# F67(*+H!0+'*:--\$!g>:0*(7)*(6A!)!4-:*./:0!T&:03h!@)/ (6A*&6!8#>!4 /& ? (%*('!
F6%*(*:+3!^ !*&C+-!;<" P!
!

;N# F67(*+H!0+'*:--\$!gU: ?)6! I(A/*%3h!G+KC:-A/!\$c:(6)%!@&-]%/&13! a *#!T*#! a)-2!
>&00+A+3!G+KC:-A/3!Gb3!9:6+!;<"P#!

! ;P# f +26&*+\$ HH-+%%S!g \$!>&6. :%(6A!>& ? 1)-(%&63h!4 /+!4 /& ?)%!F6%*(*: *+3!
5 6(7+-%(*2!&.!4(0C:-A3!5*-+'/*3!8+'+?C+-!;<"P!

!

!

M0(%*!0(? (*+H!*&!;<"P!*&!1-+ %+6*Q!

!

"# I+)H(6A!R-&:1\\$!

!
!

"# ,&H')%*!