!#$%&% ' ($)!""*!%+!,-+)%&./!0%% ' !+%% ' !122,)344$56%5/7-+80%% ' 85)4 ' 946.+1. ' 0%% ' !
!2.&(.86.+1. ' : $%/%+.7%8-75!
!"3;;<"3=;, ' !(&!,-+)%&./!0%% ' !+%% ' !%+!69!.,,%(&2 ' -&2

5)-!21()!,+-)-&2.2(%&!.)!21-(+!%+./!$% ' ,+-1-&)(K-!-0. ' !.&7!21()!()!21-!F%./!%J!21-!$/.))Z!21%)-!7%(&F!
)%!L(//!1.K-!21-!J(+)2!,($M!%J!7.2-)!.2!21-!-&7!%J!21-!)- ' -)2-+8!>.#"(#1$#($(-. ?3&"#"(',$/#(?6+#(*"(
3,.@%'"'(A(B""C+(%8($'@$8-"(./(#1"(3,"+"8#$#%.8(%/(%#(%+(+",@%89($+($(-. ?3,"1"8+%@"("D$?E![(&./!
,.,-+)!.+-!75-!%&!21-!/.)2!7.9!%J!$/.))8!G&! ' .&9!$.)-)!21-!,.,-+!9%5!1.&7-7!(&!J%+!9%5+!
$% ' ,+-1-&)(K-!-0. ' !L(//!)5JJ($-!.)!9%5+!J(&./!,.,-+!J%+!21-!$/.))!.&7!G!L(//!/-2!9%5!M&%L!21.2!.2!21-!
-&7!%J!21-!$% ' ,+-1-&)(K-!-0. ' 8!R--!6-/%L!J%+! ' %+-!7-2.(/)!+-F.+7(&F!21-!F5(7-/(&-)!J%+!21-!%+./!
$% ' ,+-1-&)(K-!-0. ' 8!!

!

Y--+!\+.7(&F!%J!-7(2)!.&7! ' 9!$/.))!,.+2($(,.2(%&!F+.7-! ";]!
R1%+2!Y+-)-&2.2(%&! ! ! ! ! ! "=]! !
[(&./!Y+-)-&2.2(%&!! ! ! ! ! ! B=]!
[(&./!Y+%,%)./4Y.,-+! ! ! ! ! ! *;]!

^//!75-!7.2-)!.+-!%&!21-!$./-&7.+

HT!_%5!$.&!7()$5))!21-!J%+ ' !9%5+!,+-)-&2.2(%&!L%5/7!2.M-!L(21!$% ' ,/-2-7!)/(7-)3!-8F8!V>1()!)/(7-!L(//!
$%&2.(&! ' 9! ' %7-/!.))5 ' ,2(%&)8!!>1()!)/(7-!L(//!$%&2.(&!Y+%,%)(2(%&!GQ!L1($1!L(//!/(M-/9!)2.2-!c8!!>1()!
)/(7-!L(//!F+.,1!%52$% ' -!_!.)!.!J5&$2(%&!%J!21-! ' %7-/!,.+. ' -2-+)!^!.&7!N8W!!%+!V>1()!)/(7-!L(//!1.K-!.!
2.6/-!%J! ' 9!6.)($!` dR!+-)5/2)8!!>1()!)/(7-!L(//!$%&2.(&! ' 9!J(O-7<-JJ-$2)!+-)5/2)Q!,%%/-7!.&7!21-&!
)-,.+.2-7!(&2%!7-K-/%,(&F!.&7!7-K-/%,-7!$%5&2+(-)8W!GJ!9%5!5)-!21()!%,2(%&Q!,/-.)-!./)%!(&$/57-!L1.2!
,+%F+-))!9%5!1.K-! ' .7-!)(&$-!/.)2!)- ' -)2-+Q!%+!75+(&F!21-!)- ' -)2-+8!
!
>1-!.57(-&$-!L(//!%6)-+K-!$%&J-+-&$-<)29/-!+5/-)Q!L1($1! ' -.&)!L-!%&/9!(&2-++5,2!J%+!$/.+(J9(&F!
U5-)2(%&)!.&7!+-)-+K-!)56)2.&2(K-!U5-)2(%&)!J%+!21-!-&78!!>1()! ' -.&)!21.2!9%5+!"=! ' (&52-)!L(//!6-!
K(+25.//9!5&(&2-++5,2-78!!_%5!.+-!-0,-$2-7!2%!.71-+-!)2+($2/9!2%!21-!2(' -!/(' (2Q!.)!F%(&F!%K-+!+-J/-$2)!
,%%+/9!%&!9%5!.2!+-./!$%&J-+-&$-)8!>1-+-!L(//!6-!=<";! ' (&52-)!J%+!U5-)2(%&)!.J2-+!9%5+!,+-)-&2.2(%&8!
_%5!&--7!2%!- ' .(/!21-!$/.))!9%5+!7-2.(/-7!.6)2+.$2!.2!/-.)2!2L%!7.9)!6-J%+-!9%5!,+-)-&2!S)-&7!69!R5&7.9!
(J!,+-)-&2!%&!>5-)7.9T8!G!-0,-$2!-.$1!)257-&2!2%!1.K-!+-.7!21-!7-2.(/-7!.6)2+.$2!J%+!21.2!7.9X)!
,+-)-&2.2(%&)!.&7!2%!1.K-!,+-,.+-7!U5-)2(%&)8!!
!
P-!L(//!7%!B!,+-)-&2.2(%&)!,-+!7.9!.&7!9%5!L(//!6-!,+-)-&2!69!)1.+(&F!9%5+!)$+--&!L1-&!7%(&F!
,+-)-&2.2(%&)8!

`&-!1%5+!,+-)-&2.2(%&!J%+!21%)-!7%(&F!21-(+!$% ' ,+-1-&)(K-!%+./!-0. ' Z!1./J!.&!1%5+!%21-+L()-8!

()!+-/-K.&2!J%+!21-!+-)-.+$1!,+%@-$28!!G2!()!21-&!21-!)257-&2X)!+-),%&)(6(/(29!2%!J.'(/(.+(0-!1('41-+)-/J!L(21!21()!/(2-+.25+-Q!L1($1!)1%5/7!6-!/()2-7!69!21-!-0.'(&-+!L(21!)5JJ($(-&2!/-.7<2('-!J%+!21.2!,5+,%)-Q!6-J%+-!21-!,+-)-&2.2(%&8!!H5+(&F!21-!-0.'Q!-0.'(&-+)!'.9Q!%J!$%5+)-Q!U5-)2(%&!21-!)257-&2!%&!.&9!())5-)!.&7!/(2-+.25+-!21-9!L()1!21.2!()!$%K-+-7!(&!21-!,+%,%)./8!!

!

DT!Y+(%+!2%!21-!)2.+2!%J!21-!%+./)!9%5!L(//!6-!.)M-7!2%!/-.K-!21-!+%%'!)%!21-!$%''(22--!$.&!6+(-J/9!2./M8!!

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CT!^2!21-!-&7!%J!21-!%+./!$%',+-1-&)(K-!-0.'Q!.//!.22-&7--)!-0$-,2!21-!-0.'(&(&F!$%''(22--!'5)2!-0(2!21-!+%%'!)%!21.2!21-!-0.'(&-+)!'.9!7()$5))!21-!,-+J%+'.&$-!%J!21-!)257-&28!_%5!L(//!6-!.)M-7!6.$M!(&2%!21-!+%%'!.&7!2%/7!21-!+-)5/2!%J!9%5+!-0.'8!

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