

Towson University in Northeastern Maryland Annual Campus Security and Fire Safety Report

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! 042* &'5&6''%,*%,&&

! ##\$ %&' () * + , '%) &\$

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

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

- " 0 . 1 1 . \$ " * 2) 3) ' (") *

- 9 + 4 4 . ' 5 * 6 \$ 4 . & ' * 2 , 7 7 \$ % *

* 9# (4 6) (' % & 5 \$ \$, (% 1 % & / 3 \$ / , ' % : % ' 2 \$

9! 8 . (.) ' 5 * 9 \$ 4 , ") 3 % / : ; \$ " # . 5 ' ") . 3 4 < ' 7 \$ %) . " = *

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9 > ? 3 . 4 / * ; % . (' * 8 \$ = *

* ; # , (% 1 4 \$ 6 (4 : 4 &' %) &\$

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; - E - ' #) * 6 % ' H ' ") . \$ " * *

* < ##\$, (% 1 4 \$ / 3 4 (' 8 \$

! = # *) 1 4 8 ' % , \$: %) 3 4 & , 4 % * / ' % & 5 \$: %) 3 4 & , 4 %

8 4 @ + / 3 \$ / 8 8 / + 3 ' % 8 ' / 3 A % & 5 \$ B \$

. / (/ 8 8 1 4 &' \$ 6 (4 : 4 &' %) &\$

= ! 6 % \$ = 3 (1 *) \$ * 6 \$ (\$) * + F 3 % ' " ' 1 1 * \$ # 3 " 5 *) \$ * 6 % ' H ' ") * < 3 7 ' I *

+ & J , 3 . ") 3 " &' * < 3 7 ' I * ? \$ (' 1) . & * 9 . \$ 4 ' " &' I * ? 3) . " = *

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= ; < ' 7 \$ %) . " = * 6 % \$ &' 5 , % ' 1 *

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= = 9 . &) . (* 6 % \$ &' 5 , % ' 1 *

= > ? . 1 & . 7 4 . " 3 % / * 6 % \$ &' 1 1

7899k :. ! ; <= ' 6 ! : < . k

%&'(')'*+,-./)'0."123&4.5460578"9*2: '' ; 7+*'0'<<"0)"9+ : =/<'-'>/*2.?' ; >."057">2.)"<.&'"
@A'+00'"9, '*?"B2<>,5</*'5C"9+ : =/<'-'>/*2.?'D5,2>?"0)"9+ : =/<'9*2: ''- .+.2.<2><' ; >.8E"9, '*?" ; >."G"<+<
+ : '0)')"H?".&' " I 23&'*J)/>+.250"K==5*./02.?' ; >.5C"#LLM8"*N/2*' <'20<.2./ .250<'5C"&23&'*', '+*0203".5"
=*'+*'8"=/H,2<&8"0)"2<.*2H/. '+'*'=5*.">50>'*0203">'*.+20">+ : =/<'>*2: ''+0)"C2*"<+.2.<2><8"<'7',, "<
=5,2>2'<'>50>'*0203'<'>/*2.?'8"=*'<50+, "<+C'.?8"C2*'<+C'.?8"' : '*3'0>?"*'<=50<'"+0)" : 2<<203"504">+ : =/<'<
'<2)'0.2+, "<./)'0.<8"50"0"00/+, "H+<2<.&'5/3&"+==*5=*2+. "'=/H,2>+.250<8" : +2,203<'5*">5 : =/'*0'.75*0<
.5"+,, ">/**'0.<./)'0.<'0)" : =,5?' '<8"0)"+,, "=*5<='>.2P'"<./)'0.<'0)"=*5<='>.2P'" : =,5?' '<' / =50"
'*N/'<.Q"%&2<=/H,2>+.250">50.+20<.&'"+00/+, "*'=5*.">50>'*0203'<='>2C2">+ : =/<'>*2: ''+0)"+"*'*<."
<+.2.<2><'<'7',, "<+20C5* : +.250"+H5/.'>+ : =/<'=5,2>2'<'>0)"=*'+>.2>'<'20.'0)')".5"=*5 : 5. "'+7+*'0'<<8"
>+ : =/<'<+C'.?'>0)"<'>/*2.?'Q"

95=2'<'5C".&2<'*=5*.' : +?'H'"5H.+20')H?"P2<.203".&' ;) : 202<.*+.2P'"5CC2>'+".%57<50"R02P'<2.?'20"
S5*.&'<.'*0" T +*?, +0)8"U!L"%&5 : +<'1 / 0"1)Q8"V', ; 2*8" T B"#!L!U"5*"C*5 : ".&' "%57<50"R02P'<2.?'
KCC2>'5C"D/H,2>"-+C'.?8"MLL"W5*0"1)Q"%57<50" T)Q"#!#U#5*"H?"P2<.203".&' "%57<50"R02P'<2.?'KCC2>' "
5C"D/H,2>"-+C'.?' X "H"=+3',,5>+.')"+.Y"

[/..>?@# # #8. "#\\$"%8*3A@>A42\(B\\$05*.-.k](#)

C89 DE ; F < ; = k 6 < 1 1 ' . : ! G k 6 < H H I J I k = I K E ; ! 1 I . ! k < F k K ' L H : 6 M E F I ! G k



Z0" - '=' : H '*'#L! [8"%57<50"R02P'<2.?'5='0')<2.<
)55*<'20" I +*C5*)"95/0.?'8" T +*?, +0)"50."&' " I +*C5*)" "
95 : : /02.?'95,, '3'">+ : =/<'Q"%57<50"R02P'<2.?'&+<
'0.'*')>20.5">50.*>+./+, "+3*' : '0."72.&' I +*C5*)" "
95 : : /02.?'95,, '3'"F I 99G8"7 &' *'H?" I 99<
B' =+* : '0."5C"D/H,2>"-+C'.?'72,, "=*5P2)" =&'?<2>+, "
<'>/?2.?'8"20P'<.23+.2P'"<'*P2>'<8"=/H,2>"<+C'.?" "
')/>+.2508"C2*.<.+2)8"0)"5.&' *'+<<2.<+0>'".5"<./)'0.<8"
' : =,5?' '<8"0)"P2<.25*<'5"! "#\$"%&' %() *+\$(, -&(%&
' +, /*0\$, *+%& 1 0 + -20%3&N ! ' . I0&k

%&' " I 99" B ' =+* : '0."5C"D/H,2>"-+C'.?'2">5 : : 2..')".5" : +20.+20203"+<+C'" "0P2*50 : '0."C5*+,, "<./)'0.<8"
' : =,5?' '<8"0)"P2<.25*<'50" I 99" =*5='*.'?Q"

%&' " I 99" B ' =+* : '0."5C"D/H,2>"-+C'.?'&+<.&' =*2 : +*?'* '<=50<2H2,2.?'C5* '<'*P203".&' "<+C'.?'>0)"<'>/*2.?' "
0''<'<'5C".&' ">+ : =/<'>5 : : /02.?'Q"Z0" : ' '.203".&2<'<'<=50<2H2,2.?'8"+,, ">+ : =/<'H/2,)203<'>0)"C+>2,2,2'<'>+*' "
=+.*5,, ')>0)"20<='>.')' *'3 / , +* , ?'.5"0<'>+<+C'">0)">5 : C5*+H, "'>+)' : 2>"0P2*50 : '0."7 &' *' , '+*0203"
2<.&' ">'0.*+, "C5>/<Q"]5>+.')"50."&' "C2*.<'C,55*5C".&' "]2H*+*?8".&' "D/H,2>"-+C'.?'<+CC"2<'50") / .?'# ["&5/*<'>+ "
) +?8"\$^U") +?<+>'?' +*Q"

S5">5 : : /02.?'>+0"H'">5 : =, ' . , ?'*2<04C*' '20".5)+?<'<5>2'.?Q"-+C'.?'>0)"<'>/*2.?'>+*' "'P'?'50'< "
'<=50<2H2,2.?'Q"%&' *'C5*8".&' ">5,, '>.2P'" "CC5*.<'5C"<./)'0.<'>0)"<+CC"20">5,, +H5*+.250"72.&'&' "B' =+* : '0."
5C"D/H,2>"-+C'.?'>+*'0'>'<<+*?Q"-./)'0.<8"<+CC8"0)"P2<.25*<'>+*' =+*.0'<'<'20" : +20.+20203"+0'"0P2*50 : '0."
&+."2"<+C'">50) />2P' ".5".&' , '+*0203"=*5>'<<Q" J P'?'50'"2"<'>0)').5"H'+, '*8'<'>/*2.?'>50<>25/<8"0)" "
20P5,P')Q"

; ,.&5/3&"7 "'0>5/*+3' ".&"* '=5*.203"5C">+ : =/<">*2 : 20+,"+>.2P2.?)2*' '>.,?' ".5" I 9 9"D/H,2>" -+C' .?8"20"
<5 : "'20<.+0>'<" : ' : H'*<"5C".&">+ : =/<">5 : : /02.?' : +?'>&55<' ".5"C2,' "+"* '=5*."72.&"50'"5C".&"5.&' *"
>+ : =/<"<'>/*2.?'"+/ .&5*2.2'<Q"9 - ; <"&5/,)"2 : : ')2+.' ,?'* '=5*."+0?'* '=5* .+H, "'20>2)'0." .5"%57<50"
R02P'*<.?"D5,2>"H?")570,5+)203"+0)">5 : =, '.203"+"@ **62*+ -k:%B(3*%,k ; *>' +,E"C5* : Q"9 - ; '* '=5*.<" : /<."**

T50)+?&.*5/3&"(*)+?8''\>,/)203"&5,2)+?<"7&'0'&.'">5,, '3'2<">,5<')Q"%&'B+2,?'9*2: '"]53"2<="5<.')"
+.'&'720)57"5C"D/H,2>"-+C'.?'C5*(<./)'0.<.5"P2'7Q"95=2'<"+*'P+2,+H, '"/=50"*N/'<Q"%&'D/H,2>"
-+C'.?'5CC2>'2<,>5+.')50'&'C2*<."C,55*5C'&'"]2H*+*?Q"

D/H,2>"-+C'.?' : +?72.&&5,)20C5* : +.250"C*5 : "&'")+2,?'>*2 : '" ,53"2C"*', '+<203'&'20C5* : +.250"75/,)"
a'5=+*)2e'"'+0'5035203">*2 : 20+,"20P'<.23+.2508'&'<+C'.?'5C"+0'20)2P2)/+,8">+/'<"+</<=>."5'"P+) '"
)'. '>.250"5"C, '8"+0)b5**< /,."20'&'") '<./>.250"5C"'P2) '0>'Q"

%&'B' =+* : '0."5C"D/H,2>"-+C'.?'<>*2 : '" ,53">5P'*<+.", '+<."&' : 5<.*'>'0."^L4)+?="*25)8"+0)"2."2<5='0"
C5*="/H,2>"20<=>.250"/)*203"05* : +, "H/<20'<<&5/*<Q"D*20.')">*2 : '" ,53"20C5* : +.250")+.203"H+>0" : 5*'"
&+0'^L")+?<"72, "H" : +) "'+P+2,+H, "C5*"20<=>.250"72.&20'.75"H/<20'<<")+?<"5C"+*N/'<.Q"

Q89 6 ; : 1 I&K ; I VI . ! : < . k

K0'5C'&' "'<<'0.2+,"203*')2'0.<"5C"+0?</>>'<<C/,">*2 : '"=*P'0.250"=*53*+ : "2<"+0'20C5* : ')"/=H,2>Q"Z."2<"
&'20.'0."5C"%57<50"R02P'*<2.'?"+0)"I+*C5*)"95 : : /02.'?95,, '3'"5"20C5* : "<./)'0.<"+0)"<.+CC"20"+
.2 : ',?' : +00'5C"+0?>*2 : 20+,"+>.2P2.'?5* '>/'*2.'?*=5H, ' : "&+." : +?="5<'"+*'+<50+H, "'&*'+"5"&'2*"
=&?<2>+,"<+C'.?'Q"

I 99"95,, '3'"]2C'"<=50<5*<>*2 : '" +7+*'0'<<b=*P'0.250"=*53*+ : <"20>,/)203"C5*/ : <"50'<',C4)'C'0<'"+0)"
, '>./'<"50"=*P'0.250"5C")+.'"+*='Q"5.2>'<"5C'<&') /, ')"P'0.<+*'"=5<.')"50"K7,S'.8"=,+>')20"&'"
<./)'0.'0'7<+*='8"+0)"=H,2<&')"20"5.&'*"<&') /, '<"5C"'P'0.<Q"

%&' I 99"95,, '3'"]2C'" +0)" I 99"X', ,0'<<"KCC2>'<=50<5*">*2 : '" +7+*'0'<<b=*P'0.250"=*53*+ : <"C*5 : "
7&2>&"20C5* : +.250">+0"H'"5H.+20')Q"5.2>'<"5C'<&') /, ')"P'0.<+*'"=5<.')"50"H/,, '.20"H5+*)<"
&.*5/3&5/."&'>+ : =/<8"=H,2<&')"20"&' I+*C5*)"K7,8"+0)"P'*.2<')"20"5.&'*"<&') /, '<"5C"'P'0.<Q"
D*53*+ : <"20>,/) "C5*/ : <"50'<',C4)'C'0<'"+0)", '>./'<"50"=*P'0.250"5C"*+='8">N/+20.+0)'5*")+.'"+*='8"
+0)"5.&'*C5*>2H, "'+0)"0504C5*>2H, "'<'`5CC'0<'<Q"9+ : =/<"C+>2,2'<"5"H'/'<)"C5*."&'<'="53*+ : <"+*'"
+P+2,+H, "'+0)">>>'<<2H, "'5<./)'0.<"+0)"<.+CC")/*203'&'95,, '3'\<"05* : +,"5='*+.203"&5/*<Q20C5* : +.250"/=)+.')&.*5/

Q87 I \$B''+, &M*+)(B*\$&

%&' I 99"B' =+* : '0."5C"D/H,2>"-+C'.?'5=*+'. '<+0"'<>5*."
<'*P2>'"+., ".2 : '<"C5*/'<"H?"+0?"='*<50">50>'*0')"+H5/."
&2<"5*"&'*"<+C'.?'7&2, "50">+ : =/<Q"%5*"N/'<.5"H'"
'<>5*.')"50">+ : =/<8">50.+>."&'B' =+* : '0."5C"D/H,2>"
-+C'.?'8"+0)"* : +20"20"+7', ,4,2."5*="5= /,+. ')"+"7&2, "'
7+2.203"C5*."&'D/H,2>"-+C'.?'KCC2>'*Q"J<>5*.'<'*P2>'<' : +? "
H'"++*+03')H?>+,,203'&'B' =+* : '0."5C"D/H,2>"-+C'.?'
[[\$4[!#4##c#Q]

Q8C ! / *5, &K+*)%,(%'&

%&'C."2<."&' : 5<.">5 : : 50">*2 : '"=*5H, ' : "50">5,, '3'">+ : =/<'<Q"-./)'0.<&5/,)" +0'"*'+<50+H, "'+0)"
=* /)'0."=*'+>/.250<."5"<+C'3'+*)."&'2*="*<50<+0)"=*5=*.'?8"H'"7+.>&C/,"+0)">+/.25/<"C5*'/<=>25/<"
=*<50<+0)">2>/ : <.+0>'<8"+0)"H'"7+*'5C'&'2*'/**5/0)203<+0)".&'="*<'0>'5C'='5=, "'&'?)"

!

!

•! I 99"D/H,2>"-+C'.?"-.+CC

!

; "C5,,574/=" : '<<+3 '2<"* 'N/2* ')"

!

h"

~~H#2#V#12#\$B\$#2B\$#C\$#\$D#B#~~
~~@#V#2#\$B#V#12#\$B\$#B~~
~~#B#B#B#B#B#B#B#V#2#V#~~
!

\$#D

!"&'<'"/02P'*.?)' =+*.: '0.<">50.*2H/. "3*'+.,?" .57+*)".&'<' "CC5*.<Q"

- ! KCC2>'5C"ZO>, /<250"+0)"ZO<.2. /.250+,"JN/2.?"F[!L4cL[4L#L\$G
- ! KCC2>'5C"-. /)'0."950) />."+0)"92P2,2.?"J) />+.250"F[!L4cL[4#LUcG
- ! 95/0<' ,203"9 '0.!'*F[!L4cL[4#U!#G
- ! X5 : '0\<1 ' '<5/*>"9 '0.!'*G[!L4cL[4#LU!G
- ! %57<50"R02P'*.?)"D5,2>'B' =+*.: '0."F[!L4cL[4[[[[G

"

"

Z."2<"2 : =5*.+0. "&+."<./)'0.<8"C+> /,.?8"+0)"<.+CC"/0)"*.<.+0)".&'<'". '* : <"<"')'C20')"20"%57<50"
R02P'*.?)=5,2>2'<Y"

"

6''%\$*%,

c

c

!

!L"

!
!

!

1" 1 '+<50+H, '=' '*<50" : '+0<"+"*'+<50+H, '=' '*<50"/0) '*<2 : 2,+*">2* >/ : <.+0>'<" +0)"
72.&"<2 : 2,+*"2) '0.2.2'<".5".&'P2>.2 : Q"

!

!#"

n! L-\$,0%3*+&:%,*)%,(('Y"B' C20')'+<'&','=*=5P2)').5"+="<50"20"0')"H?"+"H?<.+0)'*Q"V?<.+0)'*"
20.'*P'0.250"20P5,P'<'`'>2<203"<C'"0)"=5<2.P"5=.250<.5"*P'0."&+* : "5*20.'*P'0""7&'0"+05.&'*"
="<50"2"<+."*2<0"5C"H'203"P2>.2 : 2e')Q"- ' "'->.250"hQL#H',57"C5"*20C5* : +.250"50"&57".5"H""+0">+.2P"
H?<.+0)'*Q"

Z87&K+"W+0P\$&,"&K+"P",*E#0+*%\$&'5&0%3&,"&K+*)%%,& ; 0>*^EBCA0(% ,0%B* & ; 0>*^="P*\$,(B&
V('2*%B*^&=0,(%W&V('2*%B*^&M*]A02&E\$50A2,^&0%3M,02a(%W8&

&
&'"/02P'*<2.?5CC'<+"P+*2'.?5C"')/>+.250"+0)"=*P'0.250"=*53*+ : <'.&*5/3&5/.'&'?"'+*7&2>&"
+*'"+2 : ')"+=*P'0.203")5 : '<.2>"P25,'0>'8")+.203"P25,'0>'8"<'`'+, "+<<+/,8"<+.02038"&+*+<< : '0.8"
+0)"&+."P25,'0>'8")>'0.*+,"*'=5<2.5*?"C5*"+, ">+ : =/<')/>+.250+,"=*53*+ : <'*,+.203".5"<'`'+, "
+<<+/,8")5 : '<.2>"P25,'0>'8")+.203"P25,'0>'"+0)"<+.0203"&+<'H' '0'<+.H,2<&')20."&'KCC2>"5C"
Z0>,<250"+0)"Z0<.2./ .250+,"JN/2.?FKZZJGQ"" ; ,,"C+>/, .?8"<+.CC8"5"<./)'0."3*5/=<="*5P2)203"5*"
<=50<5*203"</>&="*53*+ : <+*'"* '<=50<2H,"C5*"C5*7+*)203"=*53*+ : "20C5* : +.250".5."&'"+<<2<.+0.".5"
&'="*<2)'0.C5*")2P'*<2.?+0)"'N/+,5==5"/.02."?20"+.2 : ',?'C+<&250Q"

%&'"/02P'*<2.?<="*53*+ : <""5""=*P'0.""+).203""P25,'0>'8"")5 : '<.2>""P25,'0>'8"<+.0203"+0)"<'`'+, "
+<<+/, .+*'"+>5 : =*'&'0<2P'8"20.'0.250+,"8""+0)""""20.'3*+.')""""=*53*+ : : 2038""202.2+.2P'<8"<.*+.32'<8"+0)"
>+ : =+230<"20.'0')'.5"0")+.203"P25,'0>'8")5 : '<.2>"P25,'0>'8"<'`'+, "+<<+/,8"+0)"<+.0203".&+."Y"

- ! ; *'"/>/,./+*,?'*','P+0.8"20>,<2P'"5C")2P'*<'>5 : : /02.2'<"+0)"2)'0.2.2'<8"</<+.20+H,'8"
'<=50<2P' ".5">5 : : /02.'?0')<8"+0)"20C5* : ')H?'* '<'>*&"5*+<<'<<')C5*"P+,/'8"
'CC'>.2P'0'<<8"5*5/.>5 : 'd'+0)""
- ! 950<2)'*'"0P2*50 : '0.+,"*2<0"+0)"=*5.'>.2P'"C+>.5*<+<'&'?'5>>/'50."&'20)2P2) /+,8"
'*,+.250<&2=8"/02P'*<2.?8">5 : : /02.?8"+0)"<5>2'.+,"P',<"

D*53*+ : <'5"=*P'0.)+.203"P25,'0>'8")5 : '<.2>"P25,'0>'8"<'`'+, "+<<+/,8"+0)"<+.0203"
20>,)')H5.&="*2 : +*?"=*P'0.250"+0)" +7+*'0'<<="*53*+ : <")2*'+.')"+.20>5 : 203"<./)'0.<""
+0)"0'7" : =,5?' '<+0)"5035203"=*P'0.250"+0)" +7+*'0'<<+ : =+230<")2*'+.')"+."
<./)'0.<"+0)"' : =,5?' '<Q""K/'=*53*+ : <+*'"*3/,+*,?'><<'<<')C5*."&'2*"',P+0>'"+0)""
P+,/'20"+))'<<203."&'0')<5C."&'"/02P'*<2.?>5 : : /02.?Q"

K+(P0+-&K+*)%,(('0%3&E#0+*%\$&'&K+"W+0P\$&

- ! !/*M*]A02&1(\$B""3AB.&6""(%AAP" ; ,,"20>5 : 203"C* '<& : +08".*+0<'8"20.'0+.250+,"8"+0)"
3*+)/+. "<./)'0.<*">2P'"%&'"-`'+, "T2<>50)/>."950.20// : ".*+20203"=*53*+ : Q""%&' "
=*53*+ : 8"+)+=.')".5"'+>&"3*5/=8")',2P'*<20C5* : +.250"50"*2<0*"')/>.2508"<'`'+, "+<<+/,8"
&+*+<< : '0.8")+.203"P25,'0>'8"+0)"<+.0203".&*5/3&"+ : /,.24 : ')2+)+0)"20.'*+>.2P"
=* '<'0+.250Q"%&'="*53*+ : ')C20'<'>50<'0.8H?<.+0)'*20.'*P'0.2508"+0)"*'.+,.250"20)".+2,"
+0)"20C5* : <<./)'0.<'5C."&'>50<'N/'0>'<'5C"20+==*5*2+."H'&+P25*Q"-./)'0.<+*'+>,"<5"
20C5* : ')5C."&'* '<5/*>'<'.&+."*'+P+2,+H,".5."&' : "<&5/,)."&'?'5*+"C*2'0)"'P'"H"
P2>.2 : 2e')Q"
- ! .#&IP>2"-*&+<+(% ,0,('Y"S'7" : =,5?' '5*2'0+.250"<+*'">50)/>.)"*3/,+*,?'H?"
&'KCC2>"5C" I / : +0"1'<5/*>'<FK I 1GQ"
- ! <55(B*5M.A3% .&6""3AB.&0%3&6()Q(-&I3AB0.C'&N<M66I0?&!
- ! -='>2C2">=*5>'<<'C5"<'`'+, " : 2<>50)/>.)a/)2>+.250"5/.,20')".&*5/3&".&' "
D*5>)')/* '<'C5*."&'1'<5,/.250"5C"-`'+, "T2<>50)/>."95 : =,+20.<ZOP5,P203"
-./)'0."1'<=50)'0.<8"20>,)203"P2>.2 : "+=='+,"=*5>'<<Q"
- ! -='>2C2">=*5>'<<'C5"<'`'+, " : 2<>50)/>.)a/)2>+.250"5/.,20')".&*5/3&".&'D*5>)')/* '<'C5*"
&'1'<5,/.250"5C"-`'+, "T2<>50)/>."95 : =,+20.<ZOP5,P203"-./)'0."1'<=50)'0.<8"

- 5C">5 : : /02.?">>5/0.+H2,2.?"7&'*"H?<.+0) '*<+*'"+>.2P',?'03+3') "20"=*'P'0.203"P25,'0>'72.&5/.">+/<203"C/*.&'*"+* : Q"" I ' * "' + * "' < 5 : ' " 7 + ? < ". 5 " H " + 0 " + > . 2 P " H ? < . + 0) ' * Q " " 1 ' : ' : H ' * 8 " 2 C " ? 5 / " 5 * " < 5 : ' 5 0 " ' , < ' " 2 < 2 0 " 2 : : ') 2 + . ') + 0 3 ' * 8 ") 2 + , " h ! ! Q "
- X + . > & " 5 / . " C 5 " ? 5 / * " C * 2 ' 0) < (+ 0) " C ' , , 5 7 < . /) ' 0 . < b ' : = , 5 ? ' ' < Q " Z C " ? 5 / " < ' ' " < 5 : ' 5 0 " " 7 & 5 " , 5 5 0 < , 2 0 " . & ' ? > 5 / ,) " H " 2 0 " . * 5 / H , " 5 * 0 ' ') & ' , = 8 " + < 0 " 2 C " . & ' ? " + * " 5 0 Q
 - 9 5 0 C * 5 0 . " = ' 5 = , " 7 & 5 " < ' > , /) ' 8 " & 2 . " 5 0 8 " + 0) " . * ? " . 5 : + 0 ' 5 / . " 7 2 . & 8 " 5 * " & + P " < ' ` " 7 2 . & " = ' 5 = , " 7 & 5 " + * ' 2 0 > + = + > 2 . + . ') Q
 - - = ' + 0 " / = " 7 & ' 0 " < 5 : ' 5 0 " ") 2 < > / < < ' < = , + 0 < . 5 " . + 0 ' < ' ` / + , +) P + 0 . + 3 " 5 C " + 0 5 . & ' * = ' * < 5 0 Q
 - V ' , 2 ' P " < 5 : ' 5 0 " " 7 & 5 ") 2 < > , 5 < ' < < ' ` / + , + < < + / , . 8 " + H / < 2 P " H " & + P 2 5 * 8 " 5 * " ' ` = ' * 2 ' 0 > " " 7 2 . & " < . + , 0 2 0 3 Q
 - 1 ' C ' * " = ' 5 = , " . 5 " 5 0 " 5 * " 5 C C " > + : = / < * " < 5 / * > ' < " , 2 . ') " 2 0 " . & 2 < * " = 5 * . " C 5 " < / = 5 * . " 2 0 " & ' + , . & 8 " > 5 / 0 < ' , 2 0 3 8 " 5 * 7 2 . & " , ' 3 + , + < < 2 < . + 0 > ' Q

Z8R##### ; (\$a& ; *3AB,('"%&

1 2 < 0 " 1 ') / > . 2 5 0 " 2 < ") ' C 2 0 ") " + < . & " + = = , 2 > + . 2 5 0 " 5 C " = * 5 . ' > . 2 P " : ' + < / * ' < . 5 " * ') / > " . & " * " 2 < 0 " 5 C " P 2 > . 2 : 2 e + . 2 5 0 Q
 X 2 . & " 0 5 " 2 0 . ' 0 . " . 5 " H , + : ' ' . & " * " P 2 > . 2 : " + 0) * " > 5 3 0 2 e 2 0 3 " . & + . " 5 0 , ? " * + = 2 < . < + * " * " < = 5 0 < 2 H , " C 5 " * + = ' 8 " & " * " + * " ' < 5 : ' " < . * + . ' 3 2 ' < . 5 " * ') / > " 5 0 ' \ < * 2 < 0 " 5 C " < ' ` / + , + < < + / , . 5 * " & + * + < < : ' 0 . Q "

- L * k 0 # 0 + * k ' 5 k - " A + k \$ A + + " A % 3 (% W \$ Q " 6 0 5 7 2 0 3 " 7 & ' * " ? 5 / " + * " + 0) " 7 & 5 " 2 < + * 5 / 0) " ? 5 / " : + ? & ' , = " ? 5 / " . 5 " C 2 0) " + " 7 + ? " 5 / . " 5 C " + " H +) " < 2 . / + . 2 5 0 Q
- % * ? " . 5 " 0) " (3 k (\$ " 2 0 , * 3 k 0 + * 0 \$ Q
- [0 2 a k # (, / k 0 k > A + > " \$ * Q " " J P ' 0 " 2 C " ? 5 / ") 5 0 \ . " 0 0 5 7 " 7 & ' * " ? 5 / \ * " 3 5 2 0 3 8 " + > . " , 2 0 " " ? 5 / ") 5 Q
- ! + A \$, k - " A + k (% \$, (% B , \$ Q " Z C " + " < 2 . / + . 2 5 0 " 5 * , 5 > + . 2 5 0 " C ' ' , < " / 0 < + C ' " 5 * " / 0 > 5 : C 5 * . + H , ' 8 " 2 . = * 5 H + H , ? " 2 < 0 \ . " . & ' H ' < . = , + > " . 5 " H " Q " " Z C " ? 5 / " C ' ' , " / 0 < + C ' 8 " 3 5 " 7 2 . & " ? 5 / * 3 / . " + 0) " , ' + P ' 2 : : ') 2 + . ' , ? Q
- M " P * k , / (% W \$ k - " A k B 0 % k , + - k , " k W * , k " A , k " 5 k 0 % k A % B " P 5 " + , 0 4 2 * k \$ (, A 0 , (" % Y
- V " . * / " . 5 " ? 5 / * < ' , C " i ") 5 0 \ . " C ' ' , 5 H , 2 3 + . ') . 5 ") 5 " + 0 ? . & 2 0 3 " ? 5 / ") 5 0 \ . " 7 + 0 . " 5 ") 5 Q
- I + P " " + > 5) " " 7 5 * ") 7 2 . & " ? 5 / * " C * 2 ' 0) < " 5 * " C + : 2 , ? " < 5 " . & + . " ? 5 / " > + 0 > 5 : : / 0 2 > + . " ? 5 / *) 2 < > 5 : C 5 * . " 7 2 . & 5 / . " . & " = ' * < 5 0 " ? 5 / " + * " " 7 2 . & " 0 0 5 7 2 0 3 Q " (* 2 ' 0) < " 5 * " C + : 2 , ? " > + 0 " . & ' 0 " > 5 : ' . 5 " 3 " . " ? 5 / " 5 * " : + 0 " " ? 5 / . 5 " C 2 j - 0 . 0 1 2 7 T c (, 2 0 P ') T T j 0 . 0 0 0 2 T c 4 . 4 4 8 0 T d (") . &

**K+'B*3A+*\$k,/*k' %()*+\$(,-k [(22kF''22'' #k [/ *%k0k 6+(P*k''5k="P*\$,(BkV('2*%B*^k=0,(%WkV('2*%B*^kM*]A02k
E\$\$0A2,k0%3kM,02a(%Wk(\$k ; *>' +, *3k**

%&'R02P'*<2.?&+<="5>')/*'<20"=,+>'&+."<'*P''5"H'<'0<2P''5"P2>.2 : <"7&5"*=5*."<'` /+,"+<<+/,8"
)5 : '<.2>"P25,'0>'8")+203"P25,'0>'8"+0)"<.+02038"20>./)203"20C5* : 203"20)2P2)/+,<"+H5/."&'2*"*23&".5"C2,'"
>*2 : 20+,">&+*3 '<+<"7',,"<".&'"+P+2,+H2,2.?5C">5/0<'2038"&' +,&8" : '0.+",&' +,&8"P2>.2 : "+)P5>+>?8','3+,"
+<<2<.+0>'8"P2<+)+0)"2 : : 23*+.250"+<<2<.+0>'8<./)'0."C20+0>2+,"+2)"0)5.&'* "<'*P2>'<"50+0)b5*5CC">+ : =/<"
+<"7',,"+<"+))2.250+,"* : ')2'<.5"=*'P'0.">50.+>."H'.7' '0"+>5 : =,+20+0."+0)"0+>>/<')="+*?8"</>&"+<"
>&+03'<".5"&5/<2038"+>+)': 2>8"=*5.'>.2P''5*) '*<8'.*+0<=5*+.250"+0)"75*0203"<2./+.250<8"2C"*'+<50+H,?"
+P+2,+H,'Q"%&'R02P'*<2.?72,," : +0" "</>&"+>>5 : : 5)+.250<5*="5.'>.2P'' : '+</* '<8"2C."&'P2>.2 : "*"N/'<.<"
&' : "+0)"2C."&'?'+*''*'+<50+H,'"+P+2,+H,'8"*'3+*), '<<"5C"7&'&'*."&'P2>.2 : ">&55<'<".5"*'=5*."&'>*2 : "'5"
&' "I 99"B'="+* : '0."5C"D/H,2>"+<C'.'?5*,"5>+,"+7"'0C5*>' : '0.Q"(5*"+>>5 : : 5)+.250<"/)'0.<"+0)"
' : =,5?' '<"&5/,)">50.+>."&' "%2., "Zo"KCC2>'"+. "[!L

<'>50)+*?"20<.2./ .250<".5"=/H,2<&"+0)")2<.*2H/. ' ">'*.+20"2005* : +.250"* ' 3+*)203">+ : =/<">*2 : ' <8"20>,/)203"
' =5.<"50">+ : =/<"<' ` /+, "+<<+/, .8"<' ` /+, "+<<+/, ."=5,2>2' <8"+0)"<'>/*2.?="*53*+ : : 203".5"+, ">/**'0."
<./) '0.<8" ' : =,5? ' ' <"+0)".5"+0?"+=,2>

• f2>.2 : <"72.,"+<5"H"+)P2<') "5C".&'2*5=.250".5"H"+<<2<.) "H?">+ : =/<+/.&5*2.2'<"20"05.2C?203",+7
'0C5*>' : '0.'+/.&5*2.2'<2C".&'P2>.2 : <5">&55<'<d'+0)"20>,/)203"05.2C2>+.250"5C".&'P2>.2 : \<"5=.250".5"
) '>,20".5"05.2C?</>&'<+/.&5*2.2'<d"

; (W/,\$k'5kV(B,(P\$&0%3k,/ *k:%\$, (A,('"%e\$&k ; *\$>'%"\$(4(2(,*\$&5'+&kK+', *B,() *k<+3*+\$^kK*0B*k<+3*+\$^k0%3k . 'k
6''%,0B,k<+3*+\$k:\$A*3k4-&k0k6+(P(%02^k6())(2^k''+k ! +(402k6''A+,k''+k4-k, / *k:%\$, (A,('"%k

%57<50"R02P' *<.?'>5 : =,2'<"72.&"T+*?,+0)",+7"20*'>5302e203"D*5.'>.2P'"K*) '*<+0)"D'+>'H?' "0C5*>203"
&'. ' * : <"5C".&'K*) '*+0)"<'P203".&'K*) '*2C"+==,2>+H, '0" ; 0?"='<50"7&5"5H.+20<"+0"5*) '*5C"=*5.'>.250"
C*5 : "T+*?,+0)"_5"+0?"*>2=*5>+,"<+. 'FT+*?,+0)"*>5302e'<"K*) '*<2<</')"C*5 : "+,,5.&' *"[h'-.+. '<G'<&5/,)"
=*5P2)' "+>5=?'.5"9+ : =/<"D5,2>' "+0)".&' "KCC2">'5C".&' "%2., 'Z'o'955*)20+.5*q" ; >5 : =,+20+0. ' : +?'&'0"
' : ' '72.&'9+ : =/<"D5,2>' ".5") 'P',5="+-+C'.?' ; >.250"D,+08"7&2>&'2<"+=,+0"C5*>+ : =/<"=5,2>' "+0)".&' "
P2>.2 : ".5*') />' "2<0"5C"&+* : "7&2, '50">+ : =/<"5*">5 : 203"+0)"35203"C*5 : ">+ : =/<Q"%&2<"+=,+0" : +?'20>,/) "8"
H/."20"05.",2 : 2.') .5" ' <>5*.<8'<=>2+,"=*0203"+**+03' : '0.<8'>&+03203">,+<<55 : ",5>+.250"5*"+,57203"+
<./) '0.5">5 : =, ' ' +<<230 : '0.<"C*5 : "&5 : '8' .>0G"%&' "R02P' *<.?'>+005.'+==,?'C5*"+, '3+,5*) '*5C"
=*5.'>.2508"05">50.+>.5*) '*5*'*<.*+20203"5*) '*C5*"+P2>.2 : "C*5 : ".&' "+==,2>+H, 'a/'<2)>.250F<GQ"

%&'"/02P' *<.?' : +?'2<</' "+0"20<.2./ .250+,"05">50.+>.5*) '*2C") ' ' : ') "+==*5=*2+.'5*"+.&' *'N/'<."5C".&' "
P2>.2 : "5*'+>>/')Q'ZC".&' "R02P' *<.?' *'>'2P'<+*' '=5*'.&+."</>&+0"20<.2./ .250+,"05">50.+>.5*) '*&+<'H' '0"
P25,+.')8".&' "R02P' *<.?'72,,"202.2+.')2<>2=,20+*?'=*5>')203<"+==*5=*2+.'5".&' "<+./<"5C".&' "+>>/')"
F<./) '0.8" : =,5?' '8' .>0G'+0)"72,,"2 : =5<'<+0>.250<"2C".&' "+>>/')"2<"C5/0)" *'<=50<2H, 'C5*"P25,+203".&' "
5*) '*Q"

X&'0""+""<./) '0. ""5*"" : =,5?' '""* '=5*.<""5".&' "/02P' *<.?'&+."&' ""<./) '0. ""5*"" : =,5?' '""&+""H' '0"
+P2>.2 : ""5C""+).203""P25, '0>'8"")5 : '<.2""P25, '0>'8""<'` /+, "+<<+/, ,8"5*<+.,02038"7&'&' *'&' "5CC"0<' "
5>>/' *')'50"5*5"5C">+ : =/<8""&' """"/02P' *<.?' ""72,,"=*5P2) ' ""&' ""<./) '0. ""5*"" : =,5?' ' ""72.&' "+
7*2.. '0" ' ` =,+0+.250""5C""&' ""<./) '0. ""5*"" : =,5?' ' '\<"23&.<+0)"5=.250<8"Z0>,/)203".&' ""=*5>') / *'<""
P2>.2 : <""<&5/,)"C5,,"57""2C""+"">*2 : ' ""5C""+).203""P25, '0>'8"")5 : '<.2""P25, '0>'8"<'` /+, ""<<+/, . ""5*"
<+.,0203""&+<""5>>/' *')"+,503"72.&"20C5* : +.250"+H5/."&57".&' "/02P' *<.?'72,,"=*5.'>."&' "
>50C2)'0.2+,2.'?5C"P2>.2 : <"+0)"5.&' *'0">'<<+*?'=*2'<d"

%&'"/02P' *<.?'72,,"=*5P2) ' "7*2.. '0"05.2C2>+.250".5"<./) '0.<"+0)"' : =,5?' ' "<"+H5/."P2>.2 : '<'P2>'<' "
72.&20".&' "/02P' *<.?'"+0)"20".&' ">5 : : /02.'?d"=*5P2<250<"+H5/."5=.250<"C5*8"+P+2,+H, ' "+<<2<.+0>' "208"
+0)"&57".5* 'N/'<.">>5 : : 5)+.250<"+0)"=*5.'>.2P' : ' +</'<d'+0)"0" ' ` =,+0+.250"5C".&' ""=*5>') / *'<"
C5*20<.2./ .250+,")2<>2=,20+*?'>.250Q"

%&'"/02P' *<.?'72,,"+<5"=*5P2) ' "7*2.. '0"05.2C2>+.250"5C"P2>.2 : <"+H5/."5=.250<"C5*8"+P+2,+H, ' "
<<2<.+0>' "208"+0)"&57".5* 'N/'<.">&+03'<' .5"+>+)' : 2>8",2P2038".*+0<=5*+.2508"+0)"75*0203"
<.2./+.250<"5*=""5.'>.2P' : ' +</'<Q"

%&'"/02P' *<.?' : /<." : +0" "</>&"+>>5 : : 5)+.250<"5*=""5P2) ' "</>&=""5.'>.2P' : ' +</'<"2C".&' ?'+*'
' +<50+H,?' +P+2,+H, '8* '3+*), '<<"5C"7&'&' *'&' "P2>.2 : ">&55<'<' .5"* '=5*'.&' ">*2 : ' ".5">+ : =/<"=5,2>' "
5* ",5>+,"+7""0C5*>' : '0.Q"

; .&' "P2>.2 : \<"N/'<.8"+0)".5".&' ' ` . '0."5C".&' "P2>.2 : \<">55='*+.250"+0)">50<'0.8"/02P' *<.?'5CC2>'<"72,,"
75*0">55='*+.2P',?' .5"+<<2<."&' "P2>.2 : "20"5H.+20203"+>>5 : : 5)+.250<Q'ZC"*'+<50+H,?' +P+2,+H, '8"+P2>.2 : "
>+?'H'"5CC' *')">&+03'<' .5"+>+)' : 2>8",2P2038"75*02038"=*5.'>.2P' : ' +</'<"5* ".*+0<=5*+.250"<.2./+.250<"
'3+*), '<<"5C"7&'&' *'&' "P2>.2 : ">&55<'<' .5"* '=5*'.&' ">*2 : ' ".5">+ : =/<"=5,2>' "5* ",5>+,"+7""0C5*>' : '0.Q"
J' + : =, '<"5C"5=.250<"C5*"+=5.'0.2+,">&+03' ".5".&' "+>+)' : 2>2<.2./+.250" : +?'H' ".5".*+0<C' ".5"+)2CC' *'0."

! !
C20+0>2+,"<'*P2>'<8"2)'0.2C?'.&'C."<'*P2>'<8"75*0",2C'"*C'**, "<'*P2>'<8"50,20'"* '<5/*>'<20>,/)203"+>>'<<".5"
504)' : +0)"<' : 20+*<"FDB (G8"+0)" : 5*'Q"- '*P2>'<"+*'"+P+2,+H, '#["&5/*<"+)+?8"c")+?<"+'7' 'O"H?"=&50'5*"
50,20'"=*5P2)' "@.57<50/E"+<.&'"/<'*0+ : "'+0)"=+<<75*)"7&'0"=*5 : =.')Q""
"

\$((23/#4(#D%38, -24%#E#D%-626, 624%&8#7F, 269#; =4%/G#HB''@I#J@B>@K@A"
D*5P2)' '<=*2P+. "'</==5*."C5*C+>/, .?'"+0)"<.+CC"7&5"&+P' "'`=*2'O>')"<'` /+,"P25,'O>'20>,/)203"20.'*2 : "
: '+</*'<"+0)">>>5 : : 5)+.250<Q"%&'5CC2>'20P'<.23+. '<20>2)'O.<5C'<'` /+,"P25,'O>'20P5,P203' : ' : H' *<5C"
&'R02P' *<.?'>5 : : /02.'?Q" ;) : 202<.*+.250"V/2,)203"-/2.'#! [Q""
"

L))#M/+&06*/%6#4(#; , N823#. &(/69G#HBBA>B''K>KKJKI##
X&'O">+, ,')".5*" '<=50)".5"<'` /+,"P25,'O>'8" I 9 9"B' =+* : '0."5C"D/H,2>" -+C'.'?"+0)" I +*C5*)"95/0.?"
-&'*2CC\<"KCC2>' "72,,"* '<=50)Q"" I +*C5*)"95/0.?" -&'*2CC\<"KCC2>'") 'C20'<'<'` /+,"P25,'O>'>*2 : '<"H?"
T +*?,+0)",+7(Q" T +*?,+0)",+7"&+<")2CC '* '0.) 'C202.250<5C'<'` /+,"P25,'O>'".&+0"%57<50"R02P' *<.?'Q"
9*2 : 20+,">+<'<20"+>5/*."5C",+7"+,<5"/<'"+H' ?50)"+"*'+<50+H,")5/H."<.+0)+*)".5)"'. '* : 20'"2C"+,+7"7+<"
H*50'Q"

! !
+P+2,+H,'#[["&5/*<8" 'P*?')?+?5C".&'?'+'*(q"%&'""'`+ : <"+*'">50)/>.)"+.^cL!"SQ"9&+*, '<'-.*'.'. "%57<508"
TBQ#!#L["C5*" gVT9"+0)"UL!"-Q"R0250";P'Q'I+P*"B'"g*+>'8" T)Q"#!LcMQ""

U/039#U/'23&8#) /%6/0#; =4%/G#HB''@I#AAK>!BJJ""

D*5P2)'<'C*' "' - ; (J"'`+ : <'F<'` /+,"+<<+/,."C5*'0<2>' P2)'0>'G'.&+.">5,, '>.<"+0)"=* '<'*P '<'BS ; "'P2)'0>' "
+C.'*"+<'` /+,"+<<+/,."Q"%&'"" P2)'0>' ">5/,)"H"' /<')2C">*2 : 20+,">&+*3 '<"+* "'=/'<' /')Q"]5>+.')"+."\$[U"-."Q"D+/, "
D,+>'8"V+,.2 : 5*'8" TBQ""

U&098&% '#V/<&8# : 2'# ; =4%/G#HB''@I#!R'>JJJJ""

D*5P2)'<'C*' "'>2P2,," '3+,"+<<2<.+0>' ".5",57420>5 : "'20)2P2)/+,<".&*5/3&5/'."&'<+. "'5C" T+*?,+0)Q"%&2<"
20>,)) '<'<'<2)'0.<'5C"*/*+,+0)"/*H+0<'..203<8")2<+H,')"'=* <50<8">&2,)*'08<'025*<8"C+* : "75*0'*<8"+0)".&5<""
+."*2<0"5C",5<203"&5/<2038">/<.5) ?8&' +,.&"+0)"20>5 : "' : +20.'0+0>'Q""

O=#; /4+8/W-#V&X#V2N0&09#4(#U&098&% '#

"1 '<' +>&"C*' "'+0)",574>5<.", '3+,"<' *P2>' "'=*5P2)' * <"20" T+*?,+0)""

U&098&% '#\$((23/#4(#=#; , N823#M/(/' /0#; =4%/G#HB''@I#JCJ>?BC@""

D*5P2)'<')'C'0<' ">5/0<' ".5"=* <50<' 7&5">+005."+CC5*)" +=*2P+.' "+..5*0' ?""

M,0,*&0%3&.0,(''%02& ; *\$'A+B*\$&

Q&+/# : N, -/#&% '#D%3/-6#Z&624%&8#Z/6X40[#HQ : DZZI# ; =4%/G#''>?@>CRC>BCJA##

K=*+'. '<'&""S+.250+,"-'` /+," ; <<+/,." I5.,20'Q"9+**2'<'5/'."=*53*+ : <'5"=* 'P'0.<'` /+,"P25,'0>'"+0)"&' ,="
P2>.2 : <Q""

Z&624%&8#M4 * /-623#5248/%3/#L4682%/# ; =4%/G#''>?@>J!>JKAA""

I 23&,".*+20')"+)P5>+.' '<"+*"' +P+2,+H,"#[bc".5".+,"0">50C2)'0.2+,,?'72.&"+0?50' ""` = '*2'0>203")5 : '<.2>"
P25,'0>'8"<' '0203"* <5/*>'<'5*"20C5* : +.2508'5"N/ '<.250203"/0&' +,.&?' +<=>.<'5C".&'2**',+.250<&2=Q""

U&098&% '#) 4&82624%# : <&2%-6#./\ , &8# : --& , 86#H U) : . : I# ; =4%/G#A@''>AK?>J@KA""

%&' ">5+,2.250'C5>/<'<'50"=H,2>"=5,2>?'8') />+.250">+.2P2.2'<8">5 : : /02.'?5/'.*'+>&"+0)".>&02>+,"+<<2<.+0>"
+0)", '3+,"<' *P2>'<Q""

./\ , &8# : --& , 86#V/<&8#D%-626, 6/#H. : VDI# ; =4%/G#A@''>RCR>KKJJ""

; "=*53*+ : "5C" T9 ; - ; ".&+."=*5P2)'<')2* '>.", '3+,"<' *P2>'<'C5**P2>.2 : <"+0)"<' *P2P5<'5C"<'` /+,"P25,'0>'Q""

Z&624%&8#) 4&82624%# : <&2%-6#M4 * /-623#5248/%3/'"

%&' ">5+,2.250')5 '<'05."=*5P2)')2* '>.<' *P2>'<8"H/."&+P'"+* 'C'***,"<. "'C5*5.&'***'<5/*>'<'>5P' *203"+'72)"
P+*2'."?5*0')<Q""

Z&624%&8#./\ , &8#5248/%3/#Q/-4, 03/#) /%6/0#HZ. 5Q)I""

%&' "S - f 19")5 '<'05."=*5P2)')2* '>.<' *P2>'<'5"<'` /+,"+<<+/,."P2>.2 : <'H/."*+.&'*"<' /==5*.<'&5<' "7&5")58"
</>&"<"+>5+,2.250<8"*+="">*2<2">'0.'* <8"0+.250+,"8"<+." "+0)" ,5>+,"+3'0>2'<'"+0)" +,2')"=*53*+ : <Q""

Z&624%&8#. 6&8[2%<#Q/-4, 03/#) /%6/0"

"D*5P2)'<' : / ,.2=,"<' *P2>'<'20>,/)203Y".*+202038'.">&02>+,"+<<2<.+0>'8"7'H<2.'" +0)" +0"20C5* : +.250"
>,'+*203&5/<'Q"%&' "-.+,"0203"1 '<5/*>' "9'0.'*="*5P2)'<')2* '>."+<<2<.+0>' ".5"H/2,)"&' ">+<+>2.'?5C">*2 : 20+,"
a/<.2>'"+0)"P2>.2 : <' *P2>'<'5*3+02e+.250<'5**'<=50)"'CC'>.2P',?' ".5"<+,"0203Q"

K.&'***'<5/*>'<' +P+2,+H,".5"=* <50<' 7&5*" =5*."H'203".&' "P2>.2 : "5C"<'` /+,"+<<+/,."8")5 : '<.2>"P25,'0>'8"
)+.203"P25,'0>'8"5*"<+,"02038"20>,/) 'Y"

! #S"

! !
! !
./\, &# : --&, 86#&% '#. 6&8[2%<##

#

K'2(B-&M,0,*P*%,&!'"#\$'%&'%()*+\$(,-&&

"

%57<50"R02P'*<2.?2<">5 : : 2..')".5"=*5P2)203"+75*02038",'+*02038"+0)" ,2P203" '0P2*50 : '0."C* ' 'C*5 : "
- '\` /+, "T2<>50) />.8"+<<+/, .8"&+*+<< : '0.8"5*"+0?"C5* : "5C")2<>*2 : 20+.250"H+<')"50"<'`8"<'` /+, "5*2'0+.2508"5*"
3'0)'*4*'+. ')"2)'0.2.?Q"- '\` /+, "T2<>50) />.2<"+C5* : "5C")2<>*2 : 20+.250"=*5&2H2. ')"H?"<+. "'+0)"C') '*+, "+7<"
F20>,)203"%2., "'Zo"5C".&' "J) />+.250" ; : '0) : '0.<"5C"!hc#"<"+ : '0)') "F@%2., "'ZoEG8".&' "9+ : =/<"-+ f J"
; >.8"+0)"%2., "'fZZ"5C".&' "92P2,"123&.<" ; >.5C"!h^["<"+ : '0)')G8" : +?">50<.2./.' ">*2 : 20+, "+>.2P2.?8"+0)"2<"+
C5* : "5C"- '\` "B2<>*2 : 20+.250"20"P25,+250"5C".&' "/02P'*<2.?<"S504B2<>*2 : 20+.250"D5,2>?"FD5,2>?"S5Q"L^4
L!(LL"4"D*5&2H2.203"B2<>*2 : 20+.250"50".&' "V+<2"5C"1+>'8"95,5*1 ',232508" ; 3'8"S+.250+,"K*23208"- '\`"+0)"
B2<+H2,2.?GQ"- '\` /+, "T2<>50) />.2<"+H*5+)." '* : ")' <*>2H203"+*+03 "'5C"H'&+P25*8"20>,)203".&' "D*5&2H2. ')"
950) />.)' C20')"H',57"F2Q'Q8"- '\` /+, "I+*+<< : '0.8"- '\` /+, ; <<+/, .8"B5 : '<.2>' f 25, '0>'8"B+.203" f 25, '0>'8"
- '\` /+, f 25, '0>'8"1 ',+.250<&2=" f 25, '0>'8"- '\` /+, "J` =,52+.2508"- '\` /+, "ZO.2 : 2)+.2508"- .+,02038"'.>Q6Q"- '\` /+, "
T2<>50) />.2<="*5&2H2. ')" +0)"72,, "05."H' ".5, '*+. ')"Q""

"

%&'"/02P'*<2.?'"0)' +P5* <.5"C5<.'*"+>,2 : +. "C* ' 'C*5 : "- '\` /+, "T2<>50) />.&*5/3&".*+202038"') />+.2508"+0)"
=*'P'0.250"=*53*+ : <8"<"7 ',, "<H?"C5,,57203"=5,2>2'<"+0)"=*5>')/*'<".&+."=*5 : 5. "'=*5 : =."*' =5*.203Q"%&2<"
+,<5" : '+0<".&' "/02P'*<2.?'"75*0<.5"20P'<.23+. "'+0)"*' <5,P' "*" =5*.<"5*(02)0.0.2(:)0<508"- '\` /+T0.2(5055.2(:)12.0.

!

#c"

95 : =,+20.<0%&'R02P'*<2.?72,,="*5 : =,?'* '<=50)" .5"*'=5*.<'5C"- ' ` /+,"T2<>50) />."+0)".+0'
+==*5=*2+.' '+>.250">50<2<.'0."72.&.&2<"D5,2>?" +0)" +<<5>2+.')="*5>')/* '<0%&'"/02P'*<2.?' : +?'
'\.'0)".&' .2 : 'C*+ : '<'<'.C5*.&20".&2<"D5,2>?" +0)"D*5>')/* "C5*355)">+<'Q'J`>'=.250<'.5'.'&'<' "
.2 : 'C*+ : '<' : +?'P+*?'C5*"+0 / : H'*5C"*'+<50<8'20>,)2038'H/.'05".,2 : 2.')".58")='0)203"50".&' "
>5 : =,' `2.?'5C".&' '!L'ZOP'<.23+.2508"P5, / : "'5C" P2)'0>'8'+>>'<<'.5"+0)b5*"* '<=50<2P'0'<<'5C"
' , 'P+0."=*'.2'<"F20>,)203"72.0'<<'<G8".&'0 / : H'*5C"72.0'<<'<20P5,P')8"+0)b5*0 / : H'*5C"2<<'<'<
50"+=='+,Q'B'>2)203"7&' .&'*'.5"*'=5*."+0)">&55<203"&57".5"*=5>')"+*"'='*<50+,") '>2<250<Q'X&'0"
'*'=5*.203"+0'20>2)'0.8"+'1'='5*.203"D+*.'?)5'<'05."0'')'.5") '>2)'7&' .&'*'.5"*'N'<."+0?'=+*.2>/,+*"
>5/*<'5C"+>.250Q'9&55<203".5"*'=5*."+0)" '>2)203"&57".5"*=5>')"+C.'* : +0203'.&'*'=5*.'2<+ "
=*5>'<<.&+.'/OC5.)<'5P'*'.2 : 'Q'%&'"/02P'*<2.?' : +0'<'P'*?'CC5*'.5"* '<='>."+1'='5*.203"D+*.'?<"
20=/."+H5/.'&57".&'?'75/,)"='*<50+,,?'20".5"*=5>')Q'1'<5/*>'<+*"+P+2,+H,".5"</==5*."+0"
20)2P2)/+,*'3+*), '<<'5C".&'>5/*<'5C"+>.250'/.,2 : +.' ,?'="/*<')Q""
"

%&'20)2P2)/+, '7&5'&+<'5*.')' .&' "' `='*2'0>')"- ' ` /+,"T2<>50) />.8'7&' .&'*"+/02P'*<2.?'<./)'0.8"
R02P'*<2.?' : =,5?' '8'5*.&2*)"=*'.?'&+<.&' '*23&'.5">&55<'7&' .&'*5*05".5"C2,'"+>5 : =,+20."
'*</,203"20"+%2., 'Z0"ZOP'<.23+.250Q'R=50"* '>2P203"+*'=5*.'5C"- ' ` /+,"T2<>50) />.8"KZZJ'<&+,, "
>50.+>.&' '*', 'P+0.'20)2P2)/+,F<G".5"5CC"*</=5*.'* '<5/*>'<8'<>&')/,'"+0'5=.250+,8'204='*<50"
' : ' '.203"20'5*)' '*'.5")2<>/<<'Z0.'*2 : "T'+</'<8'+0)"' ` =,+20'5=.250<'3+*)203"&57".5"*=5>')Q'Z0"
<2./+.250<'7&'*'.&'"/02P'*<2.?')' .'* : 20'<.&+.'+*'=5*.'*+2<'<+<2302C2'+0."*2<0'.5"/=H,2"><C'.'?8'.&' "
'/02P'*<2.?' : +?'=*5>')'72.&"+0'ZOP'<.23+.250'P'0'7&'*'.&'1'='5*.203"D+*.'?>&55<'<'05".5"
=*5>')'5*="+*'.2>2+.'20".&'ZOP'<.23+.250Q'%&'"/02P'*<2.?'72,,>5 : : /02>+.' .&2<)" '>2<250'.5'&' "
1'='5*.203"D+*.'?Q""
#

KPI! gA+(\$3(B,(%'%??%&'"/02P'*<2.?'&+<a/*2<)2>.250"5P'*%2., 'Z0">5 : =,+20.<' : +)'20">500'>.250"72.&"
R02P'*<2.?'=*53*+ : <'<+0)">+.2P2.2'<Q'%&2<"D5,2>?" +==,2'<'.5"+,, " : ' : H'*<'5C".&'"/02P'*<2.?' "
95 : : /02.'8"20>,)203'<./)'0.<8'C+>/.?'8"+0)"<.+CCQ'Z."+,<5'+==,2'<'5"/02P'*<2.?'3/'<.<8">50.*+>.5*8"
+0)"5.&'*'.&2*)"=*'.2'<+>.203"C5*5*50'H'&+,'C'5C".&'"/02P'*<2.?'Q'%&'"/02P'*<2.?' : +?'+ : '0)".&2<"
D5,2>?"C*5 : ".2 : "'5".2 : 'Q'(/*.&'*8'.&'%2., 'Z0"955*)20+.5*72.&.&'"+==*5P+,5C".&' "g'0'"+,
95/0<'8" : +?'C*5 : ".2 : "'5".2 : "' : +0'""P2<250<"+0)"/=)+.'<'5'&2<"D5,2>?" .5">5 : =,?'72.&"
+==,2>+H," ,+7<8"*'3/,+.250<"+0)"35P'*0 : '0.+,'3/2)+0>'"+0)"0?"+ : '0) : '0.<'&'*'.5Q#

API! .',(B*0%3k . *],M,*>\$?'"KO>')' .&'"/02P'*<2.?'* '>2P'<'05.2>'5C"+0+,, '3+.250'5C"- ' ` /+,"
T2<>50) />.8'2."72,, .+0'="*5 : =.">.2508"20">>5*)+0>'72.&'2.<20.'*0+,"=*5>')/* '<
F&..=<1bb 7 7 7 0.57<50Q')/b20>,<250'N/2.'?b.2.,'2' bG'.5"20P'<.23+. '5*5.&'*72<'*?'5")' .'* : 20'7&+."
5>>/'*')Q'%&2<'5H,23+.250"+==,2'<'5"*'=5*.<'5C"- ' ` /+,"T2<>50) />."*3+*), '<<'5C"7&' .&'*"+==*+,,', "
,+7' "OC5*>' : '0."ZOP'<.23+.250'5*"+>.250'2<'='0)203"5*7&' .&'*"+C5* : +,">5 : =,+20."2<"C2,')Q'%&' "
'/02P'*<2.?'<.*2P'<'5'2<<'") '>2<250<'3+*)203"7&' .&'*'.&' '*'=5*.')">50)>.2./.'<'<' ` /+,"
T2<>50) />."72.&20"+*'+<50+H,"='*25)"5C".2 : 'Q'%&'"/02P'*<2.?'&5/,)"5>/ : '0.">2>/ : <.+0>'<
7&2>&'2 : =+>.2.<+H2,2.?'5">5 : =,' '+0'20P'<.23+.250'5*2<<'"+>)" '>2<250Q#

R02P'*<2.?'>.250'.?>2+,,?'20>,) '<8'+<+==*5=*2+.'Y"
>Q'K/.'*'+>&'5'.&'1'='5*.203"D+*.'?d"
VQ"Z02.2+, '*P2'7d"!\$"
9Q"Z0.+0' : ' '.203d"
BQ"Z0.'*2 : "T'+</'<d"

BP! 78&! (P*2(%*\$\$&#

%&'"/02P'<2.?)5'<05."2 : =5<'"+0"+CC2* : +.2P'".2 : "'2 : 2."H?"7 &2>&"20)2P2) /+,<' : /<."*'=5*."- '\ /+,
T2<50) />."5*"+0?"* ',+.')P25,+250Q" I 5 7 'P' *8"2C".55" : />&".2 : "'&+<"=+<<')"<20>".&'20>2) '0."
5>>/**')8".&'")',+?' : +?"*'/,,"20",5<<"5C"*', 'P+0."P2) '0>'"+0)"72.0'<<'.<.2 : 50?8"2 : =+2*203".&'"
/02P'<2.?\<"+H2,2.?' .5*'"<=50)" +0)'"+==*5=*2+.'"+>.250Q"#

#

C8&<42(W0,(("%\$&'5&; *\$>'%"\$(42*I P>2"-**\$&&

; "1'<=50<2H,"J : =,5?' "'<&5/,)8"72.&20"[M"&5/*<"+C.'*H">5 : 203"+7+*"5C"+0"+,,'3+.250"5C"- '\ /+,
T2<50) />."8" : +0)'"+* '=5*."5"KZZJQ"%&+."5CC2>".&'0'+0'<"+>.250".5"+)) *'<<".&'<2./+.250">50<2<.'0."
72.&".&2<"D5,2>?"F+0)"<<5>2+.')"=*5>') / *'<G0' (+2, / *'H?"+"1'<=50<2H,"J : =,5?' "' .5"=*5 : =.,?"
' =5." +0"20>2) '0."5C"- '\ /+, "T2<50) />."H*5/3&".5".&'2*+.. '0.250" : +?"*'/,,"20")2<>2=,20"
>50<2<.'0."72.&".&'R02P'<2.?\<"+5,2>2'<"+0)"=*5>') / *'<G0#

#

UQ! K+''P>,EB,((%"&K0>'".&'"/02P'<2.?"0057<F5***'+<50+H,?"<&5/,)"0057G"5C"=5<<2H,"- '\ /+,
T2<50) />."8"72,,"+0)'"+*5 : =.">+.2508">50<2<.'0."72.&".&2<"D5,2>?"8".5">50) />." +0"ZOP'<.23+.250Q"
%&2<"5H,23+.250"+==,2'<".5"- '\ /+, "T2<50) />.">5P' *') "H?"&2<"D5,2>?"*3+), '<<"5C"7 &' *' ".&' - '\ /+,
T2<50) />."+,,'3'),?'5>>/**')8"7 &' .&' *'"+==+*,,' ,'+,7"0C5*>' : '0."ZOP'<.23+.250"5*"+>.250"2<"
= '0)2038"+0)"7 &' .&' *'"+>5 : =,+20."2<"C2,')Q""

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CP! :%)*\$, (W0,(("%&K+''B*\$*\$?"%&'"/02P'<2.?"20P'<.23+.'<+,, '3+.250<"5C"<'`b3'0)'*4H+<')"&+*+<< : '0.8"
)2<>*2 : 20+.2508"+0)b5*"- '\ /+, "T2<50) />."5")' . * : 20"7 &' .&' *' .&' =* '=50)' *+0>'5C".&' "'P2) '0>' "
20)2>+.'<"+D5,2>?"P25,+250"5>>/**')Q"%&' "'=* '=50)' *+0>'5C".&' "'P2) '0>' ">5**'<=50)<".5"+0+ : 5/0."
5C" P2) '0>' "20)2>+.203"+D5,2>?"P25,+250"2< : 5*"' .&+0"UL t '20',?Q!"^"Z0"</>&"ZOP'<.23+.250<8', '3+,"
' * : <,"20"@3/2,8"@2005>'0>'E"+0)"@H/*)'0<"5C"=*55CE+*"05." +==,2>+H,'8"H/."&'"/02P'<2.?"0'P' *"
+<</ : '<"+1'<=50)203"D+*.'?2<"20"P25,+250"5C"R02P'<2.?"D5,2>?"ZOP'<.23+.250<+*' ">50) />.')".5"
. +0"20.5"+>>5/0."&' ".5,+2.?'5C"+,,'P2) '0>' "+P+2,+H,'8"C*5 : "+,,' *', 'P+0."<5/*>'<Q##

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JP! ; Q"M,A3*%,&M0%B,((%"\$Y" (+.5*'">50<2)' *') "20"<+0>.250203"+*"')'C20') "20".&' "95)"5C"- ./) '0."
950) />." +0)"5.&' *'"+==,2>+H,"D5,2>2'<"+0)"D*5>') / *'<Q"%&' "/02P'<2.?"2 : =5<'<"+0>.250<">50<2<.'0."
72.&".&' "95)"5C"- ./) '0."950) />."Q"- ' "'
&..=<Ybb 7 7 7 (0.57<50Q') /b<./) '0.+CC+2*<b=5,2>2'<b)5>/ : '0.5)' r5Cr<./) '0.r>5"0) />."Q=X2.&"
' *'<=>".5"- ./) '0."1'<=50)203"D+*.2'<8".&' "B2* '>.5*5C"K- 9 9 J8"20"+>>5*'+0>' "72.&".&' =*5P2<250<"
5C".&' "95)"5C"- ./) '0."950) />."8"2< *'<=50<2H,"C5*2 : =5<203)2<>2=,20+*?'>+.250Q" (+2, / *' ".5">5 : =,?"
72.&"<+0>.250<" : +?"*'/,,"20"C/*&' *')2<>2=,20+*?'>+.250Q"#

#

VQ"M,055&M0%B,((%"\$?" X2.&' *'<=>".5"- .+CC"1'<=50)203"D+*.2'<8"+0?)2<>2=,20+*?'>+.250"5*">5** '>.2P' "
: '+</'<'<72,, 'H'"2 : =5<')"H?".&' "+==*5=*2+.'</' =*P2<5*8"20">50</,+.250"72.&".&' "KCC2>'5C" I / : +0"
1'<5/*>'<8"KZZJ8"+0)"5.&' *' *', 'P+0." +) : 202<.*+5*8'+<"+0' '))Q"%&2<" : +?'20>, /) ".&' "C5,,57203Y"
I" f *'H+, '*' : 20)' *'<d"
I" T+0)+.5*?' .&' +20203d"
I" X*2.. '0' *' : 20)' *'<d"
I" 1' +<<230 : '0."5C") / .2'<d"
I" R02." *+0<C' *'<d" I]' .. '*5C' *' =*2 : +0)d"
I" - /<= '0<250"72.&5/ ." =+?d"
I" - /<= '0<250"= '0)203">&+*3'<"5C" *' : 5P+,d"+0)b5*"'!c"
I"% *' : 20+.250Q"
"

- .+CC" : +?'3*2'P'")2<>2=,20"2 : =5<')"+<+*'</,,"5C"+P25,+250"5C".&2<"D5,2>?"20"+>>5*'+0>' "72.&".&' 2*"
' *'<=>".2P' "3*2'P+0>' "23&<Q"- ' "'R- T"D5,2>2'<" f ZZLMQLL"FD5,2>?"50" g *2'P+0>'<"C5" *S 50' ` ` : =." +0)"
J ` : =."- .+CC" J : =,5?' '<G"+0)" f ZZ4LMQLU"FD5,2>?"50" g *2'P+0>'<"C5" *1'3/ ,+*J ` : =." J : =,5?' '<GQ"
"

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90"

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\$L"

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%&'<'": : '2'<": +?"H"+==,2')".5"50'8"H5.&8"5*": /,2=, '=+*.2'<"20P5,P')Q" f 25,+250<'5C".&'"%2., 'Zo"
955*)20+.5*\<")2*'\>.2P'<"+0)b5*="5.'.>.2P'" : '+</'<"72,,>50<.2./.'*','+'.') "P25,+250<".&+." : +?",'+) ".5"
+)2.250+,")2<>2=,20+*?"+>.250Q"D*5.'.>.2P'" : '+</'<"2 : =5<'")" : +?"H'".' : =5*+*?"='0)203".&'""</,.<"5C"+0"
20P'<.23+.250"5*": +?"H">5 : "'='* : +0'0."+<")'. '* : 20')"H?"ZO.'*2 : "%2., 'Zo"955*)20+.5*8"D+.*2>2+"9Q"
V*+), '?"+." [!L4cL[4L#L\$5*"' : +2, ".2.,'2`q.57<50Q')/Q""
"

%&'"/02P'*<.?'72,,8"/=50""7*2.. '0""* 'N/ '<.8""))2<>,5<'".5".&'"+,, '3') "P2>.2 : "5C"+>*2 : "'5C"P25, '0>'5*"+
0504C5*>2H, "'<'`5CC'0<'8".&'""'=5*."50".&'""</,.<"5C"+0?)2<>2=,20+*?""="5>'')203"">50)/>.')""H?""&'""
/02P'*<.?'"+3+20<."+"<./)'0.""7&5""2<".&'""+,,'3')""='*='.*+.5*""5C""</>&">*2 : '""5*""5CC'0<'Q""ZC"".&'""+,,'3')""
P2>.2 : ""2<"")'>'+<')""+<""+*'\</,."5C""</>&">*2 : '""5*""5CC'0<'8"".&'""0'\."5C""020""5C""</>&"P2>.2 : "<&+,, "H"
. *'+.)"+<".&'"+,, '3') "P2>.2 : "C5*""=/'=5<'<"5C".&2<"+*+3*+&Q"
"

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(+ : 2,?" J) />+.250+," 123&.<" +0)"D*2P+>?" ;>."5C" !hc ["F(J 1D ; GQ"

"

Z8h& K+',"*B,()*k

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\$#"

! !
1 '=5*.<"5C"+,")5 : '<.2>"P25,'0>'8")+.203"P25,'0>'8"<'` /+,"+<<+/,8"+0)"<.,0203" : +) '"'.5"D/H,2>"-+C'.'?"72,,"
+/.5 : +.2>+,,?"H!'C'**)".5".&'%"R"%2.,'"Z o"955*)20+.5*"C5*"20P'<.23+.250"*'3+*), '<<"5C".&'"
>5 : =,+20+0.\<"')>2<250".5"=/*</'5*") '>,20'"'.5"C2,"">*2 : 20+,">&+*3'<Q"

T899& ; I J:M! I ; I =MI _&<FFI . =I ;&: . F< ; 1 E! :< . &
f +*25 /<"<+./.'<8"20>,/)203".&'C') '*+,"9+ : =/<"-'"9*2 : '<"D*'P'0.250" ;>.8*"N/2*' '&23&'*") />+.250".

h8Y I3AB0,(''%k

S / : '*5/<")*/3"+0)">5&5,"+H/<'="* 'P'0.250"=*53*+ : <"+* "'="<'0.')"'+>&"?'+'*'.&*5/3&"+>55='*+.2P'"
'CC5".5C" : +0?" /02P '*<2.?")' =+* . : '0.<Q" ; ,>5&5,">5/0<' ,203"+0)"*/3*' &+H2,2.+250"=*53*+ : <"+0)"
'C''+,<"+* "'+P+2,+H, '+.'.& "'%57<50"R02P '*<2.?"95/0<' ,203"9 '0. '*Q"' - "'"+,<5Y"

[L.,>?@@## #8,"#\\$"%8*3A@B"A%\\$*2\(%W@k](#)

h8Z E2B"/"2kI3AB0,(''%k

%57<50"R02P '*<2.?"&+<2 : =, ' : '0.')">5 : =* '&'0<2P'"=* 'P'0.250"=*53*+ : ".5"&',="5/*<./)'0.<": +0"'.&"
<+C'<.8"&' +,.&2'<.")' >2<250<="5<<2H, 'Q"%&'"/02P '*<2.?"&+<"+)5=. ')" ; ,>5&5,"J) /"C5*"95,, '3'8"+X 'H4H+<')"
+,>5&5,"=* 'P'0.250"=*53*+ : "H'203'/<')" +. : 5*"' .&+0"\$UL">5,, '3'<"+0)" /02P '*<2.2'<"+5/0)".&'>5/0.*?Q"
&'"=*53*+ : "/<'<".&'",+. '<."=* 'P'0.250'. '>&02N/ '<"+0)"<2'0>'4H+<')" * '<'+*>&".5"') />+. "'<./)'0.<"+H5/."

! ; >>2)'0."ZOP'<.23+.250"F+<'0'')'G'

! ; JB"20<=>.250"

7989 I 1 I ; J I . 6 G&K ; IKE ; I = . IMM&

I 1 I ; J I . 6 G& ; IMK < . MI&E . =&IVE 6 ' E ! : < . &K ; < 6 I = ' ; IM&

I+*C5*)"95 : : /02.?"95,, '3'" : +20.+20<".75"7*2.. '0"' : '*3'0>?'* '<=50<'="=5) />.<.&+."CC'>.2P' ,?"
=*'+*'"95,, '3'" : =,5?' '<".5"* '<=50)" .5" .&" : +a5*"+0)"2)'0.2C2+H, "' : '*3'0>2'<"+."P+*?203", 'P' ,<I"
%&"'23#\$1#456'78#\$9%:;4 <=>SP4' '<+0"5*3+02e+.250+, "+0)"=5>') / *+, "C*+ : '75*0"C5* : +0+3203"
' : '*3'0>2'<8"72.&" : =&+<2<"50"=*'='+')0'<<"+0)"* '<=50<' (QZ."=5P2)' '< : 5*'">5 : =*' &'0<2P'"3/2)+0>' "
C5*=' '+*203"C5*"+0)"* '<=50)203".5" : '*3'0>2'<"+. "+0+) : 202<.*+.2P'" , 'P' ,Q"" ; 0"+HH*'P2+.')"P' * <250"5C"
&2<=, +08">+, ,') .&"'23#\$1#456'78#\$9%:;4 <=>SP4' '<3/2)+0>' "C5*'" <=50)203".5" : '*3'0>2'<"+.
&'")2P2<250b)' =+* . : '0.b/02.", 'P' ,Q"

! %&"'23#\$1#456'78#\$9%:;4 <=>SP4' '<C5* .&">55*)20+.250"H'.7' '0' I+*C5*)"95 : : /02.?"95,, '3'8"
&' ,5+, "35P' *0 : '0.8"+0)"5.&' * = /H,2>+3'0>2'<C5* .&'C' / * .&' * = *5. '>.250"5C' I+*C5*)"95 : : /02.?"
95,, '3'" : =,5?' '<"+0)"=5=* .?8"<7' , ,<+ .&+."5C" .&' '< / *5/0)203">5 : : /02.?" +0)"'OP2*50 : '0.Q' ; ,,"
' : '*3'0>2'<"+005."H'" +P52)')8"H/ ."72.&" .&' * = *5= '* = , +002038"5*2'0.+.2508"+0)" . * +202038" .&' * = *5H+H2,2.?"
5C"+<+C'+0)"' '<2*')5/ .>5 : "'>+0"H'"0&+0>')Q""%5* "P2' 7' .&' '>5 : =, . "'23#\$1#456'78#\$9%:;4 <=>SP4' '<@#

L.,>?@# # # #8/0+5'+38*3A@04'A.@'55(B*\$S0*3S3*>0+, P*%.\$@>A42(BS\$05*.-@*P*+W*B-S
+* \$>' "%\$80\$>1&

! %&' "J : '*3'0>?' '1' <=50<'"+0)"JP+> /+.250"D*5>') / * '<+* "' = /H,2<&')"+00 / +, ,?"20" .&' " I+*C5*)"95 : : /02.?"95,, '3'"7' H<2. 'Y'
95 : : /02.?"95,, '3'"<./)'0."&+0)H5508">5 / * '< '< &') / , "H5508"+0)" I+*C5*)"95 : : /02.?"95,, '3'"7' H<2. 'Y'
L.,>?@# # # #8/0+5'+38*3A@>A42(BS\$05*.-@

! D/H,2>" - +C' .?' = +. *5, < .&' ">+ : = / < "H/2,)203<"+0)" = *5= '* .2' < ".5" '0< / * "' .&' 2*" < +C' .?' Q" JP+> /+.250" = *5>') / * '<'
+0)"20. ' *25*" < +C' .?' "e50" < + * "' , ' + * , ?" = 5< . ') "72.&20" ' + & "H/2,)203Q" J + > & " , + < < *55 : "2<" 'N/2==') "72.&" +
< +C' .?' = &50" .&+ . "> +0" * '> '2P'" : + < < " ' : '*3'0>?' : ' < < +3' < Q"

! %&' "V' , ; 2* f 5, /0. ' " * (2* "95 : = +0?" & + < = *2 : + * ? * " < =50<2H2,2.?"C5*"20>2)'0.<'5>> / * *203"50" .&' " I 9 9"
> + : = / < Q"

7987 I)0BA0, ('%&K+ "B*3A+* \$&

JP+> /+.250" : '*3'0>2'<"20>, /) "C2* ' < d' & + e : +. "+0)" ' ` = ,5<250<"7 & '0" 'P+> /+.250<"+*"')2*' > . ')"H?"
' : '*3'0>?' = '* <500' , d'0+ . / * +, "3+< , ' +0<d' /0=, +00') / .2,2.?"5/ .+3' < d' H5 : H" .&' * + .<"+0)"5.&' * "< . / +.250<"
7 & '0" : '*3'0>?' = '* <500' ,)2*' > . "H/2,)203<".5"H'" 'P+> /+. ')Q" JP+> /+.250<"+0)*+03" "C5 : "+<203, "
H/2,)203".5" + = *5.250"5C">+ : = / < "5* .&' "'0.2* "'>+ : = / < Q"Z0" .&' "'P'0."5C"+0"+*'+472)' "5*" >+ : = / < 472)' "
'P+> /+.23

- ! 9,5<'"+,,720)57<"0")55*<0"
- ! R<203".&"0'+* '<./05H<./>.')"'^2.4"P+>/+.' ".&"*55 : "20"+0"5*) '*,?" : +00 '*0"
- ! T 5P"+.",'+<."!LL"C' '."

778R K0+a(%W&FOB(,*\$&

D+*0')">+* <">+0"=* '<'0."5==5*./02.2' <"C5*">'*.+20">*2 : 20+,"+>.2P2.2' <8"H/.) *2P' * <">+0")5" <'P' *+, ".&203 <".5" <2302C2>+0.,?"* ') />' ".& " ,20' ,2&55)".&+.".&'2*"=*5=*.'?"72,,"H' "P2>.2 : 2e ')Q" S 'P' *', '+P' "+P' &2>, '* /002038" /0,5>0')8"0' ? <"20".& "2302.2508"5*"720)57 <"*5,, ')"570Q"6 ' '=+,, "P+, /+H, ' <"5 /."5C" <23&.Q"R <' " <'> / *2.?")'P2>' <"</>&" + <">+*"+, +* : <8" <.' '*203"7 &' ' ,",5>0 <">+0")'P2>' <"</>&" + <"C/ ' ,5*" , ' >.*2"> / .45CC" <72.> &' <Q" B*2P' * <"<&5 / ,)"&+P' ".&'2*"P' &2>, '0' ? <"20"

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! ; * > " + , (% W & H ' ' B O , (' ' % \$ &
% & ' " 9 , ' * ? " ; > . " * ' N / 2 * ' < " . & + . " < . + . 2 < . 2 > < " H ' " * ' = 5 * . ') " + >> 5 *) 2 0 3 " . 5 " 7 & ' * ' " * ' = 5 * . + H , ' " 2 0 > 2) ' 0 . < "

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%&" : +20.'0+0>"5C"+7 ',>5 : 203">+ : =/<>,2 : +. '"2<"<<'0.2+,".5".&" /02P'*<2.?<"H2,2.?".5"'0*5,,8&2*'8"
+0)"*'.+20&23&,?'N/+,2C2')<./)'0.<8"C+>/,.'?"+0)"<+CCQ"%&'*C5*'8".&" /02P'*<2.?"+0'<"0"+>.2P'"*5,"20"
=*5 : 5.203"='>+"0)"&+* : 50?" : 503")2P'*<'3*5/=<,"2P2038"75*02038"+0)"<./)'?203"72.&20'5/'>+ : =/<"
>5 : : /02.'?"+0)".5".&"'.'.'0."=5<<2H,'8"=*5.'.>.203"<./)'0.<8"C+>/,.'?8"<+CC8"+0)"P2<2.5* "<"+3+20<."20>2)'0.<"5*"
>*2 : 20+,">.<.&+."75/,.)">50<.2./.'&+.'bH2+<"20>2)'0.<"5*">*2 : '<Q"

1 '=5*.2038"20P'<.23+.2038"+0)"* '<=50)203".5"&+.'bH2+<"20>2)'0.<"0)">*2 : '<"2<"+>*/>2+,">5 : =50'0."20".&'"
)'P',5= : '0."5C"+ : 5*'1".5,"*+0."<5>2'.'?"+0)"&+."C*' '">+ : =/<"OP2*50 : '0.Q"%&5<'7&5"H',2'P'."&'?"
&+P'"72.0'<<")5*"H'0".&'"+3'."5*"P2>.2 : "5C"+&+.'>*2 : '"5*"+&+.'bH2+< : 5.2P+.')"20>2)'0."+*" "
'0>5/'*+3')".5*" =5*.".&' : +.. '*".5".&'Y"

D 6 6 &=*>0+,P*%,&'5&KA42(B&M05*, -&
! ' &6 *%,*+&5'+&M,A3*%,&=() *+\$(, -&
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QQRSQ7CSCCTC&N*P*+W*%B-0&
Q79ST9QSC9Y7&
Q79ST9Q89C9R&
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%57<50'R02P'*<2.?'"0>5/'*+3'<"+0?" : ' : H'*"5C".&'%"RSJ">5 : : /02.'?7&5"2<".&'P2>.2 : "5C8"5*"72.0'<<"
.58"+0"504>+ : =/<"&+.'bH2+<*>2 : '"5*20>2)'0.".5"=*5 : =.,?'>+,,.&' "I 99"B' =+* : '0."5C"D/H,2>"-+C'.'?"+."
QQRSQ7CSCCTC&T 5<."20>2)'0.<"50">+ : =/<+*"20P'<.23+.')"H?" I 99"-='>2+,"D5,2>"KCC2>'<Q"%&"
I +*C5*)"95/0.'?-&'*2CC<"KCC2>" : +?'H'>+,,')"/=50'C5*+<<2<.+0>"7&'0'7+**+0.')"5*"/=50*"N/'<"5C"
&'P2>.2 : Q"%57<50'R02P'*<2.?'"72,,>50)/>.".&'"+) : 202<.*+2P'"20P'<.23+.250<"5C"*=5*.'.)"&+.'bH2+<"
20>2)'0.<"5*">*2 : '<8"+<")'<>*H')"20".&'<'&*',+.')" /02P'*<2.?'"=*5>')/'<'<Y"

! /.,>\$?@# # #8,"# \$"%8*3A@'3""@+*>'"+,(%W8/,P2
! D0,*@L(0\$&; *>'"+,(%W&F'+P"

7Y87&&&62*+&EB,& ; *>'"+,(%W&D0,*&V('2*%B&

%57<50'R02P'*<2.?'">5 : =,2'<"72.&".&'9,'*?" ; >.\<*"N/2*' : '0.<"5*" =5*."H?"3'53*+&2>,"5>+.250"+0)"H?"
>+.'35*?"5C"=*'a/)>'8"+0?"5C".&'&+.'P25,'0>'<+.2<.2><"C5*"<=>2C2')">*2 : '<FT/*)'*8" T+0<,+/3&.'*8"
-'\`5CC'0<'<8"15HH'*?8" ; 33*+P+.')" ; <<+/,.'8"-2 : =, ' ; <<+/,.'8"V/*3,+*?8" T 5.5*" f '&2>,"%&'C.8" ; *<5068"
+0)">+0?"5.&'>*">*2 : '"20P5,P203"H5)2,?'20a/'*?" =5*.'.)"5".&'",5>+,"=5,2>" "+3'0>2'<"5*".5".&'>+ : =/<"
<'>/'*2.'?"+/.'&5*2.'?8".&+." : +02C'<.<'P2)'0>'".&+.'&'P2>.2 : "7+<"20.'0.250+,,?'<', '>.')"H'>+/'<"5C".&"
P2>.2 : \<+>./+,"5*" = '*>'2P')Y"

- ! ; **OB*?&** ; "=*C5* : ')"0'3+.2P'"+.2./)'".57+*"+3*5/=5C"=*<50<"7&5"=5<<'<<'>5 : : 50"= &?<2>+,"
>&+*+>.'*2<.2><8"</>&"<"<020">5,5*8"'?'<8"+0)b5*"&+2*d"C+>2+,"C'+./'<8'".>Q8"3'0'.2>+,,?'*+0< : 2.'.)"H?"
)'<>'0.">+0)"&'*')2.'?7&2>&")2<.203/2<&".&' : "+<"+)2<.20>."2P2<250"5C"&/ : +0020)8"</>&"< ; <2+0<8"
H,+>0<8"7&2.'<8"5*
- ! **J*%3*+?&** ; "=*C5* : ')"0'3+.2P'"5=20250"5*"+.2./)'".57+*"+3*5/=5C"=*<50<"H'>+/'<".&5<'="*<50<"
+*' : +,"5*"C' : +,'8"5*
- ! ; *2(W('"%>.' ' 8- 15&T<80 . 22('K) -0589 . 9 1 432 1 T f [3(0 .)0 . 2('+)0 . 2(0)"&')0 . 2(*')0 . 2()0 . 2(.)0 . 2(?

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