



LGV 0>'44!6'<#<+!#JJ3%7<! I 544!\$#! ? '=#!73! ? 575P'7#!78#!5 ? H'67!3J!'!<&\$<7'>75'7#=#K#H3%7+!<&68!'<! ? '>='75>P!63%%#675@#!'6753>D<E+!5 ? H4# ? #>75>P!'6753><!73!#=#&6!78#!3HH3%7&>57(!J3%#!#6&%%#>6#+'>=!7'R5>P!<7#H<!73!#<73%#!'!%#<H#67J&4! I 3%R5>P!'>=!4#'%>5>P!#>@5%3> ? #>7G!!

.0

4.1 2>(! ? # ? \$#!3J!78#!M>5@#%<57(!S3 ? ? &>57(! I 83!\$#45#@#<!78#(!'#!\$#5>P!5 ? H'67#=#(!A#B&'45C#=#: 534#>6#!'>=! I 83!8 '@#!63>6#%><!'\$3&7!'675@#!3%!5 ? ? 5>#>7!'67<!3%!78%# '7<!3J!@534#>6#+!3%!63>6#%><!'\$3&7!<'J#7(+!<#6&%57(+!3%#!# ? #P#>6(+!<83&4=!5 ? ? #=#5'7#4(!63>7'67!78#!H3456#!'>=!5>J3% ? !S' ? H&<!/ &\$456!A'J#7(G!!

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VGF

WGF ] 8###!'!K#H3%7!5<'!\$3&7!78#!63>=&67!3J!'!H#%<3>! I 83!5<!>37!'!A7&=#>7!'>=>37!'!M>5@##<57(!  
# ? H43 (##!78#!K#<H3><5\$4#!UJJ56#! I 544!%#<H3>=!73!57!5>'! ? ' >>#%!78' 7!5<!P#>#% '44(!'>'43P3&<! I 578!  
78#!J3443 I 5>P!H%36#=#&%#<G!!  
!

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\*GF ] 8###!78#!K#H3%7!5<'!\$3&7!78#!63>=&67!3J!'>!# ? H43 (##!3J!78#!M>5@##<57(+!78#!K#<H3><5\$4#!UJJ56#!  
I 544!%#<H3>=!73!78#!K#H3%7!5>'! 663#='>6#! I 578!'>(!%#4#@ '>7!6344#675@#!'P### ? #>7!3%!378##!  
'HH456' \$4#!M>5@##<57(!H3456(!3%!H%36#=#&%#!5>64&=5>P!>3756#!%Q&5%# ? #>7<+!75 ? #45>#<+!'>=!378##!  
%#4'7#=#!H%36#<<!5<&#<G!  
!

\*G) ] 8###!78#!K#H3%7!5<'!\$3&7!'>!# ? H43 (##!3J!78#!M>5@##<57(+!78#!K#<H3><5\$4#!UJJ56#! I 544!  
!  
\*G)GF '6R>3 I 4#=#P#!%#6#5H7!3J!78#!K#H3%7!  
!  
\*G)G) '66#<<!78#!%5<R!73!78#!S3 ? H4'5>'>7+!78#!K#<H3>=#>7+!3%!378##! ? # ? \$##<!3J!78#!M>5@##<57(!  
S3 ? ? &>57(+! I 578!%#J##>6#!73!78#!K#<H3><#!73! : 534#>6#!'>=!08##'7#>5>P!1#8'@53&#!  
/3456(!D . /!)VE!  
!  
\*G)GL '66#<<!78#!K#H3%7!73!=#7## ? 5>#! I 8#78##!78#!'44#P#=#63>=&67!'HH#'%<73! ? ##7!78#!  
=#J5>5753>!3J!A#B&'45C#=#! : 534#>6#!  
!  
\*G)G- 5>J3% ? !78#!3JJ56#!%#<H3><5\$4#!J3!78#!S3 ? H4'5>'>7!D\$' <#=#13>!78#!S3 ? H4'5>'>7[<'!JJ545'753>!  
I 578!78#!M>5@##<57(E!78'7!'!K#H3%7!8'<!\$##>!%#6#5@#=#!'>=! I 544!63><&47!3%15>@34@#!78'7!  
3JJ56#!5>'! ==#<<5>P!78#! ? '77##+!'<'!HH%3H%5'7#!'>=#!  
!  
\*G)GV =5%#674(+!3%!78%3&P8!78#!3JJ56#!%#<H3><5\$4#!J3!78#!S3 ? H4'5>'>79!  
!  
' 5>J3% ? !78#!S3 ? H4'5>'>7!3J!78#5%1%5P87!73!\$#!'663 ? H'>5#=#\$(!'!<&HH3%7!

!#\$%&'()\*+,-.:/0

!#\$%&'(12%2))&\*3%10(45%&\$,\*#(##\*/(,##(6&2-7%'\$8(

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## 12.0

F)0F !  
08#!K#<H3><5\$4#!UJJ56#! I 54!=#7#% ? 5>#! I 8#78#%!'>=!83 I !73!5>@#<75P' 7#!78#!K#H3%7+!5>64&=5>P!

!  
FLGFGL 0J!78#10>@#<75P'73%!8' <!>37!\$##>!=5%#67#=#73!<3+!78#!K#<H3>=#>7[<!A&H#%<5<3%! I 544!  
=#7#% ? 5>#! I 8#78#!78#! / 3456(!8' <!\$##>!@534'7#=#!'>=!5J!<3+! I 8#78#!<5<65H45>'%(!?# '<&%#<!  
I 544!\$#15 ? H3<#=#!  
!  
FLGFGL- 08#!K#<H3>=#>7[<!A&H#%<5<3%! I 544!<#7#% ? 5>#!78#!'HH%3H%5'7#!63%%#675@#!?# '<&%#<!3%!  
=#<65H45>'%(!<'>6753><!'HH456'\$4#!73!78#!K#<H3>=#>7G!!  
!  
FLGFGLV ] 8#%#!78#!K#<H3>=#>7!5<!63@##=#!\$(!'!6344#675@#!'P%## ? #>7!3%!378#%#!%4#@ '>7!  
# ? H43 ( ? #>7!H3456(+!)>(!<5<65H45>#! I 544!\$#!<#7#% ? 5>#!<'>=!5 ? H3<#=#!63><5<7#>7! I 578!78#!  
7#% ? <!3J!78'7!'P%## ? #>7!3%!H3456(G!!  
!  
FLG) ^B' ? H4#<!3J!<5<65H45>'%(!<'>6753><!5>64&=#!\$&7!'%#!>37!45 ? 57#=#!739!  
!  
FLG)GF a#77#%!3J!'H343P(\!  
!  
FLG)G) b '>=#'7#=#&#&6'753>!3%!63&<<#445>P\!  
!  
FLG)GL K#<7%56753>!3>!63>7'67\!  
!  
FLG)G- K#<7%56753>!%#4'7#=#!73!'66#<<5>P!\$&54=5>P<!3%!'H' %7<!3J!78#!M>5@#%<57(!3%!6#7'5>!'675@575#<!\!  
!  
FLG)GV K#436'753>!5>!3%!#<56753>!J3 ? !M>5@#%<57(!3 I>#=#!'>=T3%!3H% '7#=#!83&<5>P\!  
!  
FLG)GZ A&<H#><53>!J3 ? !78#!M>5@#%<57(!J3!'!<#J5>#=#!H#%53=!3%!'H#% ? '>#>74(\!  
!  
FLG)GY S8'>P#!3J! I 3%R!'<<5P> ? #>7\!3%+!  
!  
FLG)GW A&<H#><53>!J3 ? ! I 3%R!J3!'!<#7!75 ? #! I 578!3%! I 5783&7!H' (G!

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F-0F 0>! '44!6' <#<! I 8#%#!57!5<!=#7#% ? 5>#=#!78'7!'!@534'753>!3J!78#!A#B&'45C#=#! : 534#>6#! / 3456(!D . /!- -E!8' <!  
366&%%#=#!<78#!M>5@#%<57(! I 544! ? 'R#!#JJ3%7<!73! ? 575P'7#78#!5 ? H'67!3J!78#!5>65=#>7D<E!\$(?!'R5>P!  
'6753><!'>=!5 ? H4# ? #>75>P! ? # '<&%#<!73!#=#&6#!78#!3HH3%7&>57(!73!%#6&%%#>6#!'>=!73!%#<73%#!'!  
%#<H#67J&4! I 3%R5>P!'>=!4# '%>5>P!#>@5%3> ? #>7G!!!!  
!  
1 .0

FVGF K#7'45'753>!5<!&>'66#H7'\$4#!'>=!H%385\$57#=#!63>=#&67!78'7! I 544!\$#!7'R#>!<#%53&<4(!\$(?!78#!M>5@#%<57(!  
'>=! ? '(!%#<&47!5>!=5<65H45>#G! 2>!'44#P'753>!'\$3&7!K#7'45'753>!6'>!\$#! ? '=#!'7!>(!75 ? #G!  
!  
FVG) 2!A7&=#>7! I 83!8' <!63>6#%>!'\$3&7!K#7'45'753>! ? '(!6833<#73!63>7'67!78#!A#B&'4! : 534#>6#!A&HH3%7!  
'>=! / %#<#>753>!UJJ56#>78#!UJJ56#!3J!A7&=#>7!A&HH3%7!K5P87<!'>=!K#<H3><5\$54575#<+!78#!  
U ? \$&=<H#%<3>+!3%!'78#5%!'S3><757&#>6(!U%P'>5C'753>!J3!5>J3 ? '753>+!P&5=#>6#!'>=!<#&HH3%7G!  
X#H#>=5>P!3>78#!>'7&#%#13J!78#!K#7'45'753>G! 2!A7&=#>7! ? '(!6833<#73!%#H3%7!78#!K#7'45'753>!73!78#!  
M>5@#%<57(!\$(?!'R5>P!'!K#H3%7!&>=#%!78#!A#B&'45C#=#! : 534#>6#! / 3456(!D . /!- -E+!78#! I &44(5>P!'>=!  
c '% '<< ? #>7! / 3456(!D . /!- -YE+!78#! c & ? '>!K5P87< / 3456(!D . /!FWE+!78#!A7&=#>7!S3>=#&67! / 3456(!DA!  
F, G, VE! I 8568! I 544!\$#!%#J%#=#!73!78#!'HH%3H%5'7#!K#<H3><5\$4#!UJJ56#!J3%!'6753>G!!  
!

FVGL 2!M>5@##<57(!# ? H43(##! I 83!8'<! '163>6##>! '\$3&7!K#7' 45'753>! ? ' (!6833<#!73!X5<643<#!73!78#5%! 5? ? #=>5'7#! ? '>'P##!3%!<&H##@5<3%+13%!73!78#!A#B&'4! : 534#>6#!A&HH3%7!'>=! /%#@#>753>!UJJ56#+!3%!73! 78#5%!S3><757&#>6(!U%P'>5C'753>+!J3%!5>J3% ? '753>+!P&5='>6##+'>=<&HH3%7G!X#H#>=5>P!&H3>!78#! >'7&##!3J!78#!K#7' 45'753>+!78#!# ? H43(##! ? ' (!6833<#!73!%#H3%7!73!78#!M>5@##<57(!\$(! ? 'R5>P!' !K#H3%7! &>=#%!78#!K#H3%7!&>=#%!78#!A#B&'45C#=#! : 534#>6#! / 3456(!D . /!- -E+!78#!1 &44(5>P!'>=! c '% '<< ? #>7! /3456(!D . /!- YE+!78#! c & ? '>!K5P87<! / 3456(!D . /!FWE+!78#!A7&=#>7!S3>=&67! / 3456(!DA!F, G, VE! I 8568! I 544!\$#!%#J##%#=#!73!78#!' HH%3H%5'7#!K#<H3><5\$4#!UJJ56#!J3%!' 6753>G!  
!!  
FVG- ] 8###!' !K#H3%7!5>@34@5>P!'>'! 44#P'753>!3J!K#7' 45'753>!5<!%#6#5@#=#+!78#!K#<H3><5\$4#!UJJ56#!D'<! =#7## ? 5>#=#!\$(!78#!K#<H3>=#>7[<' JJ545'753>! I 578!78#!M>5@##<57(E! I 544!>3% ? '44(!%#<H3>=!73!'>=! ? '>'P#!5715>!78#!<' ? #! I' (!78#!K#<H3><5\$4#!UJJ56#!%#<H3>=<!73!'>=! ? '>'P#<!378##!K#H3%7<! ? '=#! &>=#%!78#!<#!H%36#=#&%#<G!!  
!  
FVGV 08#!M>5@##<57(!%#<##@#<!78#!%5P87!73!'==%#<<'>'! 44#P'753>!3J!K#7' 45'753>!&>=#%!'>(!M>5@##<57(! H3456(+!H%36#<<!3%!6344#675@#!'P%## ? #>7+!3%\$(!>(!#B7##>'4!H%36#<<!78'7!78#G!M>5@##<57(!=## ? <! %4#@ '>7!'>=! 'HH%3H%5'7#!73!78#!65%6& ? <7'>6#<G!!

1 .0

FZGF 08#!4#P'4!'>=!378##!M>5@##<57(! / 3456(!' &783%575#<'>=! 'P%## ? #>7<!78'7!' ? '(!\$#'%!3>!78#!