

"#\$%!&'(!
!"#\$%&'()*+,\$'+-./-+%+0"1"23),\$+-\$"4556
73)8",,)3'9)-:%;-!<:##=))& '
4+-%"3!"<,"%3>'9:-'?@5@55'A'B*3+#5@556
12<D"3')8'\$3"&+%,>'E'
4""F,'? GH'I-#+-"J'4""F,'KG?E'L-'7"3,)-'
73"G3"M2+,+%">'7,N\$'55?6'
O)\$:%+)->'4""F,'GH'B,N-\$;3)-)2,'#"\$%23",0+:!-P"
4""F,'K G?E'9"88"3N'Q<'?5K'(2",&:N'?HG?K6E @R'(;23,&:N'?S6E @G?H6 @ @6'

)*+,-./,0- !)*10-23,40*!!!!!!
53267'9)-:%;-!<:##=))&'
8114/6!399-67+3:-"S@C'
8114/60.-+7'T)-&:N'?5G?'UDN':**)+-%<"-%V'
;6<6=:0*6!*..2>6- 'H?EGWEEG5C5W'

266,4*D+!>K!+:3-4*D!,:64-!0=4*40*+!3694-N.6+,40*F!)!,:6+6!4*,6-3/,40*+!<63+6!+!0A
-6+=6/,!10-!0,:6-!262>6-+!01!,:6!/<3++F

L6</026 !

4"#)\$<"%)'7,N\$E5@!"#"%"&'()*+\$,+-.)/-+%+0""1"23),\$+-\$"6'TN'-:<"',9)-:;%:-'
!<:##=))&'-&'L':<%;""*3)8",,)3'#":&+-%;+,\$)23,"6'L':0""&"0"#)* "&':,"3+",')8#"%"23%,"!&
0+&)"<:%"3+%;:,"#)-!/+%;%;""%"%D))E+##!/+0""N)2':!/#+<*, ""+-%)"%;""""\$+%+-'D2%'
\$)<*#"')=)3#&')8\$)-%<*)3:3N\$)/-+%+0""-23),\$+-\$"6

()%:F""82###:&0:-%:/")8%;+,\$#:,J'+%'+,+<*)3%:-%':%N)2'*#:-'N)23'=)3F#):&6;"
F'N&:%";U8+3,%&:N')8\$#:,J'%2+%+)-'&2"&:%"J#:,%&:N%)':&&b&\$)*\$)23N)2'*#:-'
N)23',%2&+,"*3)*3#N6"7#":,"8+-&%;,"<=<3%:-%c:%6

G63-*4*D!8.,/026+!

O=0*!/02=<6,40*!01!,:4+!/0.-+6!K0.!A4<<!>6!3>k6!,0

- c", \$3+D""%;"/):#,-&')DX"\$%+0",)8\$)-%<*)3:3N\$)/-+%+0""-23),\$+-\$":-&"0:#2:%"
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- c", \$3+D""%;,"&+88"3"-%'<"%;)&,':0:+#:D#"")\$)/-+%+0""-23),\$+&\$0:#2:%""%;"+3'
,%3"-/%;,':-&'="F-",,"6'
- B3%+\$2#:%""\$)-%<*)3:3N'0+"=*+-%,)-';)=-'23:#,N,%<,\$)-%3+D2%""%)', *"\$+8+\$'
8":%23",)8';+/"3')3&"3%;)2/;%,'U\$)/-+%+0""\$)-%3)#J'<"<)3N':-&,'),\$+:#\$)/-+%+)-V
- .3+%+\$##N""0:#2:%""%;""\$)-\$#2,+)-,%;:%'3:3N\$)/-+%+0""-23),\$+-\$"+,%,D:,"&
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:'\$)<*#"')%)*\$J'D2%&%)=)33NA%+,\$)23,"+;D)2%;"#*+-(N)2%;+F'<)3""#F":'\$)/-+%+0"
-23),\$+-\$"+,%,88N)2%+\$F%)'\$)23,"<:%"3+:#N)2'=+##\$)<*#+,;,'+;/'3'2-&"3,%:-&+-'8'
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+,,2",)*,"&'DN'3",:3\$,"3,'=;)=-%%)2-&"3,%:-&';)=%;"D3:+-',2**3%,')\$)/-+%+)-6'L%'
=+##\$)0'3%2"&"3#N+-'/:,2<*%+)-,%;:%'2-&"3*+-'<:-N\$)-%<*)3:3N:***3):\$;,"2,'&
+-\$)/-+%+0""-23),\$+-\$""%)&:N&\$)-,+&"3%;,"&+88"3"-%'<"%;)&,'=+,\$;,\$+-\$"+,%,2,"%')
*3)D""%;""#++F,'D""%=""-D3:+-':-&'\$)/-+%+)-6

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#6/,40*!'U-%"3:\$%+ -/=+% ;'%;"\-0+3)-<JL%6H+!RSV=+##';"#*N)2'%;+-F':D)2%';)=
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0+,2:#*3)\$",+-/J'<)%3'\$)-%3)#':-&':%%"-%+)-V6

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G0A,3H6-M61<6/,40*0+,+! ' (W
X4960!V63/,40*!"3=6!+ ! &(W
Y49P6-2! ! ! ! ' (W
Z4*3<!U32 ! ! ! &(W

@++6++26*,!01!<63-*4*D!0.,/026+

c2" '&:%,"8)33'8#"\$%+)}),%,':-&' 0+&")3':\$%+)-*:!"3, '=+##'D"+-&+\$:%&,"\$,"&2#"'
8)2-&'+'-)-P6'(; " T +&%"3<':-&'g+-:#""':<'=+##'\$)-,+,%')82#%+('\$")+ \$"M2",%+)-6

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:-&',;)2#&'8)\$2,)-'" ,%2&NJ%,")3N')3'+&':"%;:%'N)2'8)2-&'+'-%"3",%+-'+'3%;:;%<:&"N)2'
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:"3,' =+##'%"',%!="%N2';:0" %;)2/;%':D)2%':-&2-&"3,%))&%;"%:#F,6'L':<'+-%"3",%&'+'
N)23'+&".@!+.223-K!0-!96+/-4=,40*!01!,:6!,3<H+!4+!*0,16*6.D2':3""-\$)23:/"&'%)'=3+%"
:D)2%':-'+,2""%,:%N)2%;)2/;%')8'=+#:"%\$;+/-,"0"3:#')8'%;"%:#F,>

- :'\$3+%+M2")8'\$)0"3#":%':%+/-,'8+%'+=%;')23'3":&+/-')8'%;"\$)-\$"*%,J'=:%'\$)-\$"*%,'
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D2%'+,-)%'#+<+%'"&'%)>

!;)3%69%"3<!*;N,+\$.#')3'<"-%:#;";:#%;'+,,"2",U"6/6J',%)<:\$;'8#2J*-"2<)-+:J'.lhLc'
&+:/-),+,J'0:\$+\$-:%+)-J""%\$6V
Q",*)-,,"%)%"3:2<:%+\$"0"-%,U"6/6J'c':%;')8':#)0"&)-"J&+0)3\$"J',"2:#':,,:2#%J',)\$+:#'
+-X2,%+\$%\$6V
Q"M2+3"<"-%,'DN'#:=)3'*2D#+\$;":#%;':2%;)3+%+",U"6/6J'\$)23%'&:%"J'+,)#:%+)-'&2""%)'
.lhLc""*),23"J""%\$6V

P2""-],i'+0"3,+%N'+,\$)<<+%%"&'%)*3)0+&+/-':\$:&"<+\$(\$)-,+&"3:%+)-'%)',%2&"-%,"""*3+-\$+/-'
""%"-2:%+-\$+3\$2<,%:-\$,6'g)3'<)3""+8)3<:%+)*#J',,"""%;"" !"-:%""7)#+\$N')-'B\$:&"<+\$'
)-,+&"3:%+)-'8)3!%2&"-%,'+-\'%"-2:%+/-'.+3\$2<,%:6",
π'
\:\$;'g:\$2#%N';, '&"0"#)*"&':*3)%)\$)#%)*)3)0+&":'\$)-,+,%"--%':-&"M2+%:D#""*3):\$;'+-'
&":#+-/'=+%;'3"M2",%,)8)3':\$:&"<+\$(\$)-,+&"3:%+)-'8)3',%2&"-%,'8:\$+/-""%"-2:%+/-'
\$+3\$2<,%:-\$,6r'B3%,':-&!'\$+"-\$"'2-&"3/3:&2:%"",%2&"-%,\$:-'8+-&'%;"g:\$2#%N')&'B3%,':-
!\$+"-\$""3)%)\$)#':-&'%;"*3%:#=";3"":'3"M2",%\$:-'D"',2D<+%%"&

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@/39624/!)*,6D-4!K

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i-#" ,')%,"3=+," ,%:%"&J"%;"<:%"3+:#"')-%;"\$)23,"="D,+%"+" ,')*N3+!/%&':-&'+,'8)3'%;" ,)#"

2,"")8',%2&"-%,'3"/+,%"3"&7,N\$E5@;"<:%"3+:#"')-%;"="D,+%"<:N'D"&)=-#):&"&8)3:'

3"/+,%"3"&,%2&"-%],'*"3,)-:#'2,"D2%';,##'-)%&D,%3+D2%"&')3&+,"<+-%"&%)':-N)-"')%;"3'

%;-,%2&"-%,'3"/+,%"3"&+-%;+,\$)23,"6

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"-4J3/K!#,3,626*,!10-!)*+,-./,0-+!L:0!O+6!;:4-9 P3-,K!#01,A3-6!4*!,:64-!%0.-+6

(;+,\$)23,"<:F",2,"")8' (\c6\$)<' 8)3%;"0+&"),',,,\$+:%"&'=+% ;%,"\$#,"":=3" %;:%DN'

#)//+/-/+-%)'%;" ,+%J'N)2'+##'D""#:0+-/r)-PJ':-&:\$ \$" ,+/'u%;"<:"")8'\$)<*-N],v="D,+%"

:-&ru-<:"")8',)8%=:3":**#+\$:%+)-v6r[]23'+-&"*"-&"-%2,"")8%;:%',67)8#03!\$9&!/*!5);;/5)3!

,#5!&9)!.#;5*)!<,#5!)=>4-)6!4;5.9*/0?!&9)!..#>4'08@*!45#8,A6B2DX"\$%(%6], '%3<,')8'

2,"":-&*'3+0:\$N'*)#+\$N6'

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[]2':3""-\$)23:/"&%)'3"0+"='%;" ,"&)\$2<"-%,'2,+-%;"#+-FU,V'D"#)='D"8)3""2,+-%;" ,+%6r

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(23-+%+-'-)'3'+%,%'&3&N':3%- "3,'=+##'2, ""&.:%:'\$)##"\$%"&'%;3)2/;\$))F+",'3')%,"3'%3:\$F+-/'
%"\$;-)#/+",'8)3'<:3F"%+-'/'3':&0"3%+,+-'/*23*),"6'g)3'823%,"3'+-8)3<:%+)-':D)2%';)=N)2\$:-'
""3\$+,"\$)-%3)#0"3'\$))F+",'J',"r(23-+%+-'!,'73+0:\$N'7)#+\$N

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