!

"#$%&' (#) '!*+! , &#) - .! / '012#3!
4 #3'#&) ! 5) 26#&32'7!

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

8#-'0&#!92''':&%2&#!#)!+&%);%23!<!1#!9%!(*1#&)2':!=!9%!$*3'(*1#&)2':!

!

. &! ((*/ 0!

1 2345!678*9--78*!

: 3 ; <=!>235?!@ABCD34E?D3!FGABCD34 H I C ; =A2!!!!

!

B'!23!' . #!3'01#) 'G3!&#3$*) 32H292'7!'*!-.#-I!'.#!-*0&3#!$&#&#J0232'#3!%) 1!%) '2&#J0232'#3K!

. ?JDGG!K ; I!B2LD!D5EBD3!EBD!3DMI5G5EDG!<;3!EB5G!A; I3GD! ; 3!C35EED?!GNDA52J!ND3O5GG5 ; ?!<3 ; O!EBD!PDN23EOD?D! ; <! "3D?AB!@EI45DG!E; !D?3 ; JJ!5?!5EQ!K ; I!O2K!RD!3DO ; LD4!<3 ; O!EB5G!A; I3GD!2?4!5E! C5JJ!RD!4DJDED4!<3 ; O!K ; I3!3DA ; 34=! SB5G!4DA5G5 ; ?!O2K! ? ; E!RD!2NND2JD4=! T ; I!C5JJ!3DAD5LD! ? ; !24UIGEOD?E!E; !K ; I3!<DDG!5?!EBD!DLD?E!EB2E!K ; I!23D!43 ; NND4!<3 ; O!2!A; I3GD!<; 3!<25J5?V!E; !B2LD!EBD!?DADGG23K!N3D3DMI5G5EDG=!

!

: 23!JD!R525G!4D!A ; I3G!O2V5GE32IWQ!4X2EDJ5D3G!D?!NDE5EG!V3 ; INDGQ!4D!JDAE I3DG!ND3G ; ??DJJDG!DE! 4D!4 ; AIOD?EG!2I45 ; 9L5G IDJGQ!AD!A ; I3G!ND3ODEE32!Y!JXZEI452?E?E,D!4X2AMIZ353!I?D!OD5JJDI3D!

gD2?9 : 2IJ!@23E3DQ   Q! : 235GQ!＋2JJ5O234Q!A ; JJ=!`

t   rEI4D!5JJIGE32E5LD!!
!   !   !
@DO25?D!i!!!   UV!L%)62#&K!!   ]GI5ED^!
t   rEI4D!7!1 2IN2GG2?EQ!`!bD!';3J2!

!

/'%'# (#)'!*)!53#!*+!@9#-'&*)2-!'"#62-#3!!

$JDAE3; ?5A!4DL5ADG!C5JJ!?; E!RD!2JJ; CD4!5?!AJ2GG,C; 3FGB; NG!4I35?V!EDGEG,DW2O5?2E5; ?G=!!

!

>*92-7!*)!E-%1# (2-!Q*)321#&%'2*)!+*&!/'01#)'!EH3#) -3!\!5) 1#&N&%10%'#!/'01#)'3!
2)!,2&3'!@)'&7!>&*N&%(3!!

BEEN7,,CCC=IC;=A2,I?5LGDA,2A24DO5AvN; J5A5DG,35VBEGv3DGN; ?G5R5J5E5DG=BEOJ!!

!

?#J0#3'3!+*&!E-%1# (2-!Q*)321#&%'2*)!532)N!' .#!/#9+\?#$*&'#1!EH3#) -#!
,*&((!!

@EI4D?EG!CB; !DWND35D?AD!2?!I ?DWNDAED4!5JJ?DGG!; 3!5?UI3K!; 3!2?!DWED?I2E5?V!
A53AIOGE2?AD!]ie!B; I3G!; 3!JDGG^!EB2E!5G!GI<<5A5D?EJK!GDLD3D!E; !EDON; 3235JK!3D?4D3!
EBDO!I?2RJD!E; !ODDE!2A24DO5A!3DMI53DOD?EG!]D=V=0!2EED?45?V!JDAEI3DG!; 3!J2RG0!
C35E5?V!EDGEG!; 3!O54ED3O!DW2OG0!A; ONJDE5?V!2?4!GIRO5EE5?V!2GG5V?OD?EG0!
N23E5A5N2E5?V!5?!N3DGD?E2E5?; ?G^!GB; IJ4!GDJ<94DAJ23D!IG5?V!EBD!; ?J5?D!@DJ<9#DN; 3ED4!
ORGD?AD!N; 3E2J=!SB5G!; NE5; ?!GB; IJ4!RD!IGD4!5?!G5EI2E5?; ?G!CBD3D!EBD!GEI4D?E!DWNDAEG!
E; !3DGIOD!2A24DO5A!3DGN; ?G5R5J5E5DG!C5EB5?!ie!B; I3G!; 3!JDGG=!!

SBD!<; JJ; C5?V!A; ?45E5; ?G!; ?G!23D!5?!NJ2AD!<; 3!GDJ<93DN; 3E5?V!; <!OD45A2J!; 3!DWED?I2E5?V!
A53AIOGE2?ADG7!!

2^ GEI4D?EG!C5JJ!RD!2JJ; CD4!%!(%]2 (0 (!*+!'^*!3#9+\&#$*&'#1!%H3#) -3!
RDECDD?!@DNEDORD3!2?4!ON35J!2?4!; ?D!GDJ<93DN; 3ED4!2RGD?AD!RDECDD?!12K!
2?4!OIVIGEq!!

R^ 2?K!2RGD?ADG!5?!DWADGG!; <!EBD!?IORD3!4DG5V?2ED4!5?!AJ2IGD!2!2R; LD0!
3DV234JDGG!; <!4I32E5; ?0!C5JJ!3DMI53D!GEI4D?EG!E; !N3DGD?E2!@EI4D?E! 1 D45A2J!
&D3E5<5A2ED!]@ 1 &^0!G5V?D4!RK!2!J5AD?GD4!OD45A2J!; 3!OD?2J!BD2JEB!
N32AE5E5; ?D30!4DE25J5?V!EBD!4I32E5; ?!2?4!GDLD35EK!; <!5JJ?DGG0; 3!2NN3; N352ED!
4; AIOD?E2E5; ?!GINN; 3E5?V!DWED?I2E5?V!A53AIOGE2?AD!E; !EBD! 0A24DO5A!
&; I?GDJJ5?V!I ?5E!5?!EBD53!"2AIJEK!; <!3DV5GE32E5; ?; ?!; !J2ED3!EB2?!EC; !RIG5?DGG!
42KG!2<ED3!EBD!42ED!GNDA5<5D4!<; 3!3DGIO5?V?V!3DGN; ?G5R5J5E5DG=!:JD2GD!GDD!
GDAE5; ?!i!RDJ; C!<; 3!O; 3D!4DE25JG=!!

A^ SBD!4I32E5; ?!; <!EBD!DWAIGD4!2RGD?AD!C5JJ!RD!<; 3!2!O2W5OIO!; <!ie!B; I3G!

A ; I 3GD=!!
B^   GE I 4D ?EG! O I GE!RD!5 ?!E ; I AB!C 5EB!EBD53!5 ?GE3 I AE ; 3G!) *!9%'#&!' . %) !UT! . *0&3!

EBD!2RGD?AD=!!

V^ _?!A2GDG!CBD3D!2!GEI4D?E!O2K!RD!DWND35D?A5?V!J; ?V9ED3O!; 3!3DAI335?V!
2RGD?ADGQ!GEI4D?EG!GB; IJ4!A; ?GIJE!EBD53!OA24DO5A!&; I?GDJJ; 3G!<; 3!24L5AD!
2R; IE!CB5AB!; <!EBD!; NE5; ?G!2L25J2RJD!E; !EBDO!]2A24DO5A!A; ?G54D32E5; ?Q!
NI3GI5?V!OA24DO5A!OAA; OO; 42E5; ?Q!C5EB432C2J!<3; O!EBD!A; I3GD^!23D!
O; GE!2NN3; N352ED=!!

!
0!4; C?J; 242RJD!@EI4D?E! 1 D45A2J!&D3E5<5A2ED!A2?!RD!<; I?4!BD3D7!
BEEN7,,CCC=IC; =A2,I?5LGDA,2A24DO5AvN; J5A5DG,35VBEGv3DGN; ?G5R5J5E5DG=BEOJ!!
!
?#J0#3'!+*&!E-%1# (2-!Q*)321#&%'2*)!+*&!%!F*)\ [#12-%9!EH3#) -#!!
!
@EI4D?EG!GDDF5?V!2A24DO5A!A; ?G54D32E5; ?!<; 3!2!? ; ?9OD45A2J!2RGD?AD!C5JJ!RD!
3DMI53D4!E; !N3; L54D!2NN3; N352ED!4; AIOD?E2E5; ?!CBD3D!EBD!A; ?45E5; ?!G!<; 3!3!2!@DJ<9
#DN; 3ED4!ORGD?AD!B2LD!?; ; E!RDD?!ODEQ!5?AJI45?V!CBD3D!EBD!GEI4D?E!B2G!DWADD4D4!
EBD!O2W5O I O!?I ORD3!; <!ND3O5GG5RJD!@DJ<9#DN; 3ED4!ORGD?ADG=!

@AB;J2GE5A!;<<D?ADG!23D!E2FD?!GD35;IGJK!2?4!GEI4D?EG!23D!453DAED4!E;!3D24!EBD!
2NN3;N352ED!N;J5AKQ!GNDA5<5A2JJKQ!EBD!4D<5?5E5;?!;<!CB2E!A;?GE5EIEDG!2!GAB;J2GE5A!
;<<D?AD!5?!EBD!OA24DO5A!::;J5A5DG!2L25J2RJD!;?!EBD!.?5LD3G5EK!@DA3DE2352E!CDRG5ED7!!
]y.?4D3V324I2ED!@EI4D?EG!9!@AB;J2GE5A!P5GA5NJ5?DzQ!

BEENG7,,CCC=IC;=A2,I?5LGDA,2A24DO5AvN;J5A5DG,35VBEGv3DGN;?G5R5J5E5DG=BEOJ^!
!

yO?K!GEI4D?E!CB;Q!5?!EBD!;N5?5;?!;<!EBD!5?GE3IAE;3Q!5G!2RGD?E!E;;!<3DMID?EJK!<3;O!
AJ2GG!;3!J2R;32E;3K!ND35;4G!5?!2?K!A;I3GDQ!C5JJ!RD!3DN;3ED4!E;!EBD!PD2?!;<!EBD!
"2AIJEK!;<<D35?V!EBD!A;I3GD!]2<ED3!4ID!C23?5?V!B2G!RDD?!V5LD?^=!w?!EBD!
3DA;OOD?42E5E5;?!;<!EBD!4DN23EOD?E!A;?AD3?D4Q!2?4!C5EB!EBD!ND3O5GG5;?!;<!EBD!
PD2?!;<!EB2E!"2AIJEKQ!EBD!GEI4D?E!C5JJ!RD!4DR233D4!<3;O!E2F5?V!EBD!3DVIJ23!
DW2O5?2E5;?!5?!EBD!A;I3GD=!SBD!PD2?!;<!EBD!"2AIJEK!;<<D35?V!EBD!A;I3GD!C5JJ!
A;OOI?5A2ED!EB2E!4DA5G5;?!E;;!EBD!PD2?!;<!EBD!"2AIJEK!;<!#DV5GE32E5E5;?!2?=z!
]yOEED?42?AD!#DVIJ2E5;?G!<;3!$W2O5?2E5;?;?GzQ!

BEEN7,,CCC=IC;=A2,I?5LGDA,2A24DO5AvN;J5A5DG,DW2O5?2E5;?;?G-BEOJ^!

BEEN7,,CCC=IC;=A2,I?5LGDA,3D?AB,I?4D3V324I2ED,A;I?GDJJ5?V,2A24DO5Av5?<;3O2E5;?;?;5;4D
W=BEOJ!

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