

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
! ""#@6&" ?*8*7-.' / -A-4,02' <((6#"7*8,41(
P2-B3/*0(5) *(76/*2,836E(4236134, *0(-9(9*/*2?, (5?V(, ?. 0(?6/(2*E7, ?53-60(?0(5) *8(?44, 8(5-(36/3B3/7?, 0(?6/(
0@?, (+7036*00*0A(F57/8(361, 7/*0(5) *(5?V(/*5*2@36?53-6(9-2@7, ?1(E2-00(361-@*1(4*20-6?, (?6/(+7036*00(
/*/7153-60I(/*42*13?53-6I(?6/(-5) *2(5?V(?11-76536E(3007*0A(D-@475*2(?44, 31?53-60(?2*(753, 3J*/A(
"?K*(! DD=: S; A(MN*0732*/I(P2*B3-700A(
(
! ""#@6\$" ?*8*7-.' / -A-4,02' <<((6#"7*8,41(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
+?031(0-3,0I(?E2317,572?, (@*5*-2-, -E8I(?6/(12-4(4) 803-, -E8(?6/(+2** /36EA(") 30(1-720*(30(-6,8(-99*2*/(?5(5) *(
! 613,, (?D-,, *E*(1?@470A(
(
! LE#\$9\$" /H*'P4H,+1'0;! 2,>-. 'Q1*((9#"7*8,41(
") 30(1-720*(*V4, -2*0(*5) 31?, (3007*0(2*, ?536E(5-(?63@?, (70*(36(1-65*@4-2?28(0-13*58A(%365*E2?5*0(
4)3,-0-4) 31?, (5) *-23*0(. 35)(013*653931(*B3/*61*(5-(5) *(70*(-9(?63@?, 0(36(?E2317,572*I(+3-@*/31?, (2*0*?21) I(
1-@4?63-6(?63@?, 0I(?6/(3007*0(2*, ?536E(5-(. 3, /, 39*(?6/(*6B32-6@*65A(
(
! LE#9&6"

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
! LE#911" ! 57,+3.437*""-)1402*((6#""7*8,41(
F57/*650(. 3,,())?B*(5) *(-453-6(5-(4?253134?5*(36(?6(?442-B*/(365*260)34(-44-2576358(-2(1-@4,*5*(?(42-R*15(
/*@-6052?536E(5) *32(K6-. ,*/E*(-9(5) *(93*,/A(")30(1-720*(30(-6,8(-99*2*/(?5(5) *(! 613,,?(D-,, *E*(1?@470A(
(
! <S#\$96" C31,2*11! 2-.K4,+1'<((6#""7*8,41(
! 6(3652-/7153-6(5-(5) *(93*,/(-9(Y7036*00(! 6?,85310(+?0*/(-6(^312-0-95(#V1*,A(" -4310(361,7/*(/?5?(?6?,8030I(
(

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; :

! ""#\$%&\$'(") * (+, -, / * 0123453-60(0) -7, / (-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
! EN#6%&" () *+, -./0), +1', 2! 74'N, 1407K((\$#6'''7*8,41(
F** (1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(
@?23?6A*/7H2*E3052?2A(
(

(
! EN#@II" <28*) *28*24'(438K((\$#6'''7*8,41(
!(0*63-2-, *B*(2*0*?21)(1-720*(. 35)(?5-431(@757?, ,8(?E2**/(74-6(+8(5) *(057/*65(?6/(5) *(9?17,58(
@*+*2A(^?8(361,7/*(*35)*2(?6(?66-5?5*/(+3+, -E2?4)8(-2(?2*0*?21)(4?4*2(?6/(@?8(+*(5?K*6(@-2*(
5)?6(-61*(39(5) *(5-4310(B?28A(
(

(
! E/#\$\$&" T7-F, 25'''02+*)41((6#'''7*8,41(
")30(057/3-=-+?0*/(1-720*(3652-/71*0(5) *(, * @*650(?6/(4236134, *0(-9(B307?, (?25(5)2-7E)(-+0*2B?53-6?, (
/2?. 36E(?6/(?6?, 8030=9-170*/(42-R*150A(! (B?23*58(-9(07+R*150(?6/(@*/3?(?2*(70*/(5-(0-, B*(1-@4, *V(B307?, (
42-+, *@0(?6/(5-(*V?@36*(1-61*450(36(?25A#@4)?030(30(4, ?1*/(-6(12*?53B*(42-/7153-6(?6/(1, ?002--@(
4?253134?53-6A(F3V(1-65?15()-720(4*2(. **KA(
(

(
! E/#\$61" !74!))7*+, -4, 02WQ28*714-28, 25'4H*'S-D, 25'-28'S*-2, 25'0; '<>-5*1((6#'''7*8,41(
")30(1-720*(3652-/71*0(057/*650(5-(5) *(+?031(4236134, *0(76/*2,836E(5) *(4)8031?, (?6/(4)3, -0-4)31?, (12*?53-6(
-9(?25. -2K0A(Y8(*61-765*236E(?25. -2K0(36(4*20-6(?5(@70*7@0(?6/(E?,, *23*0(36(%6/3?6?4-, 30I(057/*650(. 3,, (
?10732*(?6(76/*205?6/36E(-9(9-2@?, (1-@4-0353-6I(?2530531(@?5*23?, 0(?6/(5*1)6307*0A(F57/*650(. 3,, (?0-(
/*B*, -4(5) *(?+3,358(5-/(301*26(/399*2*65(058, *0(?6/(5) *(1-65*V57?, (-23E360(-9(/399*2*65(31-6-E2?4)3*0(
(

(
! E/#\$BB" C*5, 22, 25': H04057-)HK((6#'''7*8,41(
!6(3652-/715-28(057/3-(1-720*(9-2(6-6=?25(?6/(/*03E6(@?R-20A(F57/*650, (*?26() -. (5-(70*(4-365(?6/(0) --5I(
(

! ""#\$%&'()* (+*, -./0123453-60(0)-7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!, (2*?, =
53@*(1-720*/0123453-60(?2*(?B?3,?+, *(36(5)*,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
V?@3636E(5) (2*, ?53-60)34(+*5. **6(9-2@I(1-61*45I(?6/(@?5*23?, A(F3V(1-65?15() -720(4*2(. **KA(D2-00=
,305*/(?0("X#=: ; LA(
(

! E/#9&6" " *7->, +1'<((6#" *7*8,41(
F57/*650(, *?26(+?031() ?6/(+73,/36E(?6/(.) ** ,(5)2-. 36E(5*1) 6307*0(?0(+ -5) (976153-6?, (?6/(017,4572?, (
?44,31?53-60A(F57/*650(*V4, -2*(52?/353-6?, (?6/*V4*23@*65?, (93236E(5*1) 6307*0(361,7/36E(5)* (976/?@*65?, 0(
-9(E, ?J36E(5)2-7E) (42-4*2(?44,31?53-6I() *?,5) (?6/(0?9*58(42?1531*0A(F3V(1-65?15() -720(4*2(. **KA(
"?K*(! N"=LL; A(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: ; LA(MN*O732*/I(P2*B3-700A(
(

! E/#9&G" X,13-. 'T*1,52'"02+*)41(6#" *7*8,41(
)30(057/3--+=?0*/(365*2/30134,36?28(1-720*(+73,/0(-6(5)* (9-76/?53-6?, (4236134, *0(-9/*03E6(?0(B307?, (
-2E?63J?53-6(?6/(?V42*003-6A(")2-7E) (42-R*150(?6/(1235307*0I(057/*650(?2*(3652-/71*/(5-(42-1*00*0(?6/(
052?5*E3*0(9-2(12*?53B*(42-+, *@(0-, B36EA(") *(4*21*453-6(?6/5)* -28(-9(1-, -2(?2*(?V4, -2*/(. 35) (*@4) ?030(
4, ?1*/(-6(1-66*1536E(1-, -2I(@?5*23?, 0(?6/(@*?636EA(F3V(1-65?15() -720(4*2(. **KA(D2-00=,305*/(?0("X#=: ; ZA(
(

! E/#9&S" T7-F,25'-28'T*1,52'<4H*! 74'O;' (*, ; /'O' (O+, *4K((6#" *7*8,41(
)30(1-720*(1-65367*0(5)* (?/B?61* @*65(-9/??. 36E(0K360(?6/(?03E6(1-61*450(.)3, *(?V4, -236E(5)* (@?R-2(
5)* @*0(-9(5)* (93E72*(M+73,/36E(92-@5) * (0*, 9-4-252?350I(?+052?153-6I(?6/(?17, @36?536E(5)* @*(-9(0-13?, (
3@4?15A(G*B*, -436E(-+*2B?53-6?, /??. 36E(0K3, 0I(?44, 836E(5)* (*, * @*650(?6/(4236134, *0(-9/*03E6I(
1-@@7631?536E(. 35) (B307?, (9-2@I(?6/(76/*205?6/36E(4*21*453-6(. 3, (+*(?@4) ?03J*/(? , -6E(. 35) (5)* (
)305-231?, (+?1KE2-76/(-9(5)* (5)* @*0A(\? , , *28?6/(?25305(057/3-(B30350I(?0(. *, (?0(B303536E(?253050f(
42*0*65?53-60I(42-B3/*(?1-65* @4-2?28(?6/(-, -1?, (1-65*V5(9-2(5)* (1-61*450(-9(5)* (1-720*A(F3V(1-65?15(
) -720(4*2(. **KA(
"?K*(! N"=LL; A(MN*O732*/I(P2*B3-700A(
(

! E/#99\$" : -,24,25'<((6#" *7*8,41(
Y?031(360527153-6(36(4?36536E(@*/?3(?6/5*1) 6307*0(?0(. *, (?0(36(5)* (/B*, -4@*65(-9(9-2@(?6/(1-65*65A(
F3V(1-65?15() -720(4*2(. **KA(
"?K*(! N"=LL; A(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: ; ZA(MN*O732*/I(P2*B3-700A(
(

! E/#99G" /K)057-)HK((6#" *7*8,41(
)30(057/3-(1-720*(3652-/71*0(057/*650(5-5) *)305-28I(?*05) *5310I(B-1?+7, ?28(?6/(42-1*00(-9(584-E2?4) 8(
g(5)* (057/8(?6/(70*(-9(, *55*29-2@0(36(E2?4)31(/*03E6A(F57/*650(E2-. (5) *32(76/*205?6/36E(-9(9-2@I(
1-@4-0353-6I(?6/5)* (*V42*003B*(4-5*653?, (-9(584-E2?4) 8(5)2-7E) (?0*23*0(-9(584-E2?4)31?, 8(9-170*/(
057/3-(42-R*150A(#@4) ?030(30(4, ?1*/(-6(76/*205?6/36E(5)* (12*?53B*(4-5*653?, (?6/(2-, *(-9(584-E2?4) 8(36(
@*?636E97, (B307?, (1-@@7631?53-6A(F3V(1-65?15() -720(4*2(. **KA(
"?K*(! N"=LL; A(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: ; ZA(MN*O732*/I(P2*B3-700A(
(

! E/#99I" <247083+4,02'40'L7-)H, +T*1,52'(6#" *7*8,41(
F57/*650(*6E?E*(36(057/3--+=?0*/(057/3*0(5) ?5(*V4, -2*(5) *(4-5*653?, (-9(B307?, (1-@@7631?53-6(5)2-7E) (5)* (
@*?636E97, (365*22*, ?53-6(-9(. -2/(?6/@?E*A(")2-7E) (@@@*203B*(057/3-(42-R*150I, *1572*0I(
/*@-6052?53-60(?6/(1235307*0I(057/*650(?2*(3652-/71*/(5-5) *(9-, -, . 36E(*00*653?, /?03E6(42?1531*0'(
12*?53B*(052?5*E8(/B*, -4@*65h(35*2?53B*/?03E6(42-1*00*0h(42-/715(42-5-58436E1(5-- , 0I(42-/7153-6(0K3, 0I(
?6/(42*0*65?53-6(052?5*E3*0A(F3V(1-65?15() -720(4*2(. **KA(
(

! ""#\$%&\$'(") * (+ , -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(! N"=

! ""#\$%&'()* (+*, -./0123453-60(0)-7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!, (2*?, = 53@*(1-720*/0123453-60(?2*(?B?3,?+, *(36(5)*,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
! E/#66G'' S0=,25'S37-.1W': -,24,25';07'(O+,-.'''H-25*((6#''7*8,41(
")30(1-720*(42-B3/*0)305-231?,(+?1KE2-76/(-6(5)*(^*V31?6(^72?,305(^-B*@*65?0(. *,,(?0(?6?,8030(-9(1-65*@4-2?28(@72?,0(.)31)(*@4)?03J*(0-13?,(1)?6E*A(d35)(5)30(92?@*. -2K(36(@36/1(057/*650(. 3,,(4,?6(?6/*V*175*(?1-,, *153B*(@72?,(?0(?/-6?53-6(5-(?1-@@76358A(%6(?//353-6(5-(057/836E(@72?,(4?36536E(5*1)6307*01(057/*650(. 3,,(*?26()-. (5-(12?95(?42-4-0?,I(/*B*, -4(5)*3/*?01(?6/(-2K(. 35)(5)*(1-@@76358(5-(12*?5*(?0-13?,(3@4?15A(F3V(1-65?15()-720(4*2(. **KA(
"?K*(! N"=: : LA(MN*O732*/I(P2*B3-700A(
(

(
! E/#6@S'' T*1,52';07'(O+,-.'<>)-+4((6#''7*8,41(
")30(1-720*(3652-/71*0(057/*650(5-/03E6(42-1*00*0(?6/(0K3,,0(9-2(0-13?,(3@4?151(361,7/36E(07?,35?53B*(/03E6(2*0*?21)(M)7@?6=1*65*2*/(2*0*?21)(9-170*/(-6(12*?536E(6*. (0*2B31*01(*V4*23*61*0(?6/(42-/71500(?6/(1-=/03E6(42-1*00*0(M/*03E636E(0-,753-60(. 35)(70*201(2?5)*2(5)?6(9-2(70*200A(F57/*650,*?26(1-720*(1-@4*5*613*0(423@?23,8(5)2-7E)(?44,3*/I(1-,,?+-2?53B*I(0*@*05*2=-,6E(42-R*150A(F3V(1-65?15()-72(4*2(. **KA(
"?K*(! N"=: : ZA(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: : `A(MN*O732*/I(P2*B3-700A(
(

(
! E/#6@6'' T*1,52';07': 7,24'S*8,-((6#''7*8,41(
! /B?61*/(057/8(?6/(?44,31?53-6(-9(0805*@01(4236134,*01(?6/(42-1*/72*0(76/*2,836E(5)*(42?1531*(-9(E2?4)31(/03E6(?0(2*,?5*/(5-(42365(+?0*/(44,31?53-60A(#@4)?030(30(4,?1*/(-6(?7/3*61*(2*0*?21)I(12*?53B*(1-61*45(/*B*, -4@*651(35*2?53B*(/*03E6(42-1*00*0I(42-/715(42-5-58436EI(42-/7153-6H12?95I(?6/(42*0*65?53-6(0K3,,0,(*?/36E(5-(?442-423?5*,8(/03E6*/(*V4*23*61*0(9-2(5?2E*5*/(?7/3*61*0A(F3V(1-65?15()-720(4*2(. **KA(
"?K*(! N"=: : ZA(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: : `A(MN*O732*/I(P2*B3-700A(
(

(
! E/#6@1'' N,1407KY'/H*07KY'-28': 7-+4,+*,2'L7-)H,+T*1,52((6#''7*8,41(
")30(057/3-(1-720*(V*@36*0(5)*(*@*2E*61*(-9(5)*(E2?4)31(/03E6(42-9*003-6(92-@5)*(L`5)(1*65728(5-(42*0*65(/?8A(")30(*V*@36?53-6(361,7/*0)-. (03E63931?65(0-13?,I(4-,3531?,I(*1-6-@31I(?6/(5*1)6-, -E31?,(@3,*05-6*0)?B*(0)?4*/(76/*B-,B*/(5)*(E2?4)31(/03E6(42-9*003-6(5-(.)*2*(35(30(5-/78A(F57/*650(. 3,,(057/8(@?R-2(3/*?01(01)--,0I(/03E6(@-B*@*650I(?6/(/*03E6(42?15353-6*20(5)2-7E)(2*?/36E0I(. 2355*6(?6/(B307?,(?6?,80*01(?6/(057/3-(42-R*150A(F3V(1-65?15()-720(4*2(. **KA(
"?K*(! N"=: : ZA(MN*O732*/I(P2*B3-700A(]"?K*(! N"=: : `A(MN*O732*/I(P2*B3-700A(
(

(
! E/#6BB'' : HO4057-)HK'<<((6#''7*8,41(
F57/*650(. 3,,(9725)*2(/*B*, -4(5)*32(5*1)631?,(?6/(12*?53B*(0K3,,0(5-. ?2/(@-2*(4*20-6?,(1-61*457?,(3@?E*= @?K36EA(")2-7E)(*B*28/?8(057/3-(42?1531*(057/*650(. 3,,(?/B?61*(5)*32(K6-. ,*/E*(-9,(3E)5H1-, -2(?6/(1-@4-0353-6(5-(12*?5*(4-. *297,(3@?E*0(5)?5(5*,,(05-23*01(3,,7052?5*(3/*?0(?6/(0*/71*(M@?2K*536EH?/B*253036E0A(G3E35?,(3@?E*(1?4572*(G3E35?,(FWN(D?@*2?(. 35)(365*21)?6E*?+,*(,*60*0(2*0732*/A(F3V(1-65?15()-720(4*2(. **KA(
"?K*(! N"=: : SSA(MN*O732*/I(P2*B3-700A(
(

(
! E/#6J\$'' <247083+4,02'40'! 74'/H*7-)K((6#''7*8,41(
! (072B*8(-9(?25(5)*2?48(5*1)6307*0I()305-28I(?6/(1?0*(057/3*0A(&6*)-72(,*1572*I(03V()-720(1-65?15(4*2(. **KA(D2-00=,305*/(?0(PFi=<aLA(
"?K*(PFI=: <; A(MN*O732*/I(P2*B3-700A(
(

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(

! E/#6JB'' TO+3>*24-7K': H04057-)HK((6#''7*8,41(
F57/*650(. 3,,(057/8(3@?E*0(12*?5*/(+8(4) -5-E2?4) *20(9-2(E-B*26@*65I(6*. 0I(@?E?J36*I(?6/(-5) *2(@*/3?(
-75,*50(92-@L`<; (5-(42*0*65(/?8A(F57/*650(. 3,,(2*0*?21)/(-17@*65?28(3/*?0(?6/(12*?5*(B307?,(6?22?53B*0(
36(+ -5), -6E(*00?8(?6/(0) -25(05-28(9-2@9-2(42365(-2(. *+==+?0*/(47+,31?53-60A(G3E35?,(036E,*(,*60(2*9,*V(
1?@*2?(. 35)(365*21)?6E*?+, *(,*60*0(2*0732*/A(F3V() -720(-9(1-65?15(53@*(4*2(. **KA(M! 5(G3012*53-6(-9(
G*4?25@*650(
"?K*(! N''=: SSA(MN*0732*/I(P2*B3-700A(
(

(

! E/#6%&'' ()*+,-./0),+1',2'! 74((9#6''7*8,41(
F*,*15*/(5-4310(/**@*/(3@4-25?65(+8(5) */4?25@*65(5-5) *(?/B?6136E(057/*65(36(?25A(^?8(+*(2*4*?5*/(
9-2(12*/35(39(5-4310(B?28A(F57/3-(9**2*0732*/(.) *6(/*4?25@*65(04?1*(?6/*0734@*65(753,3J*/A(G*4*6/36E(
-6(5) *(1-720*I(057/*65(@?8(*62-,,(9-2(5. -(5-5)2**12*/350A((F**1-720*(0*153-6(1-@*650(9-2(
/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(

(

! E/#6%\$'' ()*+,-./0),+1W<28,-2-)0.,1'! 74''*24*7((\$#9''7*8,41(
)*)0*(0*,*15(1-720*0(?2*(*) */(?5(5) *(%6/3?6?4-,30(! 25(D*65*2(?6/(?2*(?B?3,?+, *9-2(1-,,*E*(?153B358(12*/35A(
T-2(@-2*(369-2@?53-6I(1-65?15(5) *(G*4?25@*65(-9(! 25(?6/(G*03E6I(5) *(&9931*(-9(5) *(N*E3052?2I(-2(5) *(
%6/3?6?4-,30(! 25(D*65*2A(F57/3-(9**2*0732*/A(G*4*6/36E(-6(5) *(1-720*I(057/*65(@?8(*62-,,(9-2(-6*5-6(-

! ""#\$%&\$'(") * (+ , -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61* / (9-2(5) *(: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

!""#\$%&\$'()*+*,.- (/0123453-60(0)-7,./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
CPN#GB@'' C*H=-,07! 11*11>*24'-28''H-25*((6#''7*8,41(
")30(1-720*(30(/*03E6*/(5-(3@42-B*(057/*650f(?+3,358(5-(?00*001(/*5*2@36*(5)*(976153-6(-9(?(+*)?B3-2I(3/*65398(?442-42375*(365*2B*653-60I(?6/(3@4,*@*65(365*2B*653-60A(")30(1-720*(/3B*0(/**4*2(365-(5)*(9-,,.-. 36E(1-61*450(976153-60(-9(+*)?B3-2h(1) --036E(?6/(3@4,*@*6536E(976153-6=+?0*/(365*2B*653-60h(12*?536E(/?5?(1-,,*153-6(0)**50h(3/*6539836E(2*4,?1*@*65(+*)?B3-20I(1) --0*(?6/(3@4,*@*65(?2*369-21*@*65(01)*/7,*h(?6/(?00*00(39(36/3B3/7?,0(?2*(@?K36E(42-E2*00h(12*?536E(+*)?B3-2=+?0*/(E-?,0h(3/*6539836E(4-5*653),(2*369-21*20h(?6/(1-,,?+-275*(. 35)(-5)*20(36(5)*(.3B*0(-9(36/3B3/7?,0A(D2-00,305*/(. 35)(FPG=ZS>A(

"?K*(Y#X=ZS; A(MN*0732*/I(P2*B3-700A(

(
CPN#GBG'' P4H,+-.': 7-+4,+*C*H'! 2-.K141((6#''7*8,41(
")30(1-720*(. 3,,(9-170(-6(5)*(#5)31?,(D-/*(0*5(9-2(+8(5)*(Y*)?B3-2(! 6?,805(D*253931?53-6(Y-?2/(MY! DYQ(?6/(5)*(V4*15?53-60(9-2(5)-0*() -,/36E(5)*(Y-?2/(D*25393*/(Y*)?B3-2(! 6?,8050(MYDY! Q(12*/*653?A(")30(1-720*(. 3,,(. -2K(5)2-7E)(5)*(#5)31?,(#V4*15?53-60I(?0(. *,,(?0(42-B3/36E(057/*650(?1)?61*(5-(?6?,8J*(0357?53-60(?6/(/301700(5)*(5)31?,(3@4,31?53-60A(")30(1-720*(. 3,,(?0-(?,.-. (057/*650(-44-2576353*0(5-(0744-25(5)*32(1?0*(36(?6*(5)31?,(@?66*2(9-2(@7,534,*1?0*0A(D2-00,305*/(. 35)(FPG=ZSZA(

(
CPN#GB%' X*7M-. 'C*H=-,07'?0328'O'T*1,52((6#''7*8,41(
")30(1-720*(42-B3/*0(-4*2?650(36(5)*(93*/(-9(+*)?B3-2(?6?,8030I(?0(. *,,(?0(5)*(?44,31?53-6(-9(*?1)A(G7236E(5)30(1-720*I(057/*650(. 3,,(+*(?+,*(5-(42?1531*(. 35)(5)*(B*2+?,(-4*2?650I(12*?5*(4,?60(5-(5*?1)(5)*(-4*2?650(5-36/3B3/7?,0I(?6/(12*?5*(4,?60(5-(52?36(-5)*20(5-(3@4,*@*65(5)*(B*2+?,(-4*2?65(4,?6A(D2-00,305*/(. 35)(FPG=ZS[A(

(
CPN#GG&'' PA)*7'T*1,52'O'T-4-! 2-K1,1((6#''7*8,41(
")30(1-720*(42*4?2*0(+*)?B3-2(?6?,8050(5-(+*(K6-. ,*/E*?+,*(36(2*0*?21)I(04*13931?,8(036E,*=07+R*15(/*03E6A(FK3,0(361,7*/(36(5)30(1-720*(361,7*/(+75(?2*(6-5,(3@35*/(5-'(-4*2?53-6?,8/*93636E(?(+*)?B3-2h(. -2K36E(. 35)(@7,534,*(/?5?(1-,,*153-6(@*5)-/0(?6/(@*?072*@*65(0805*@0h(E2?4)36E(/?5?h(?6?,8J36E(E2?4)*(/?5?h(B?23?+,*0h(?6/(B?,3/358A(")30(1-720*(. 3,,(42*4?2*(+*)?B3-2(?6?,8050(5-(?6?,8J*(2*0*?21)(?6/(9-2(+*E36636E(5)*32(-. 6(2*0*?21)A(D2-00,305*/(. 35)(FPG=ZZ; A(

"?K*(Y#X=ZS; A(MN*0732*/I(P2*B3-700A(

(
CPN#GG9'' : *71022*.'T*='.0) >*24'-28'S-2-5* >*24((6#''7*8,41(
")30(1-720*(. 3,,(9-170*0(-6(+73,/36E(42*='*2B31*(YDY! 0(0K3,,(0*5(36(5)*(?2*?(-9(52?3636E(05?99I(42-B3/36E(9**/+?1K(5-(05?99(?+-75(4*29-2@?61*I(?6/(-6=E-36E(05?99/*B*, -4@*65(5)2-7E)(5)*(P*29-2@?61*(^?6?E*@*65(MP^Q(*60A(%61,7*/(36(5)30(1-720*(30(?9-170(-6(074*2B303-6(?6/*6072*(35(30(07?,358(?6/(*6072*0(E2-. 5)A(D2-00,305*/(. 35)(FPG=ZZ; A(

"?K*(Y#X=ZS; A(MN*0732*/I(P2*B3-700A(

(
CPN#GG6'' "H,.8'T*='.0) >*24'O'C*H=-,07! 2-.K1,1((

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
""?K*(Y#X=ZS; A(MN*O732*/I(P2*B3-700A() ("?K*(Y#X=ZS: A(MN*O732*/I(P2*B3-700A() ("?K*(Y#X=ZS>A(MN*O732*/I(
P2*B3-700A() ("?K*(Y#X=ZSZA(MN*O732*/I(P2*B3-700A() ("?K*(Y#X=ZS[A(MN*O732*/I(P2*B3-700A() ("?K*(Y#X=ZZ; A(
MN*O732*/I(P2*B3-700A() ("?K*(Y#X=ZZ: A(MN*O732*/I(P2(
(
CPN#GJB" ! 11*11>*24'O;! 34,1>'() *+473>'T,1078*71((6#"7*8,41(
G7236E(5)30(1-720*(057/*650(. 3,,(*?26(@-2*(?+-75(! 7530@(F4*1527@(G30-2/*21() - . (35(42*0*650(?6/(5) *(
B?23?+3,358(?@-6E(36/3B3/7?,0(. 35) (! 7530@(F4*1527@(G30-2/*20A(F57/*650(. 3,,(? ,0- /3B*(365-(5) *(B?23-70(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
""?K*(Y#X=ZS; A(MN*0732*/I(P2*B3-700A() ("?K*(Y#X=ZS: A(MN*0732*/I(P2*B3-700A() ("?K*(Y#X=ZS>A(MN*0732*/I(
P2*B3-700A() ("?K*(Y#X=ZSZA(MN*0732*/I(P2*B3-700A() ("?K*(Y#X=ZS[A(MN*0732*/I(P2*B3-700A() ("?K*(Y#X=ZZ; A(
MN*0732*/I(P2*B3-700A() ("?K*(Y#X=ZZ: A(MN*0732*/I(P2(
(
C<[#B\$"\$ L*2*7-. 'C,0.05K(

!""#\$%&\$'(")*(+,-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720/*0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
C<[#9&6" S0.*+3.-7'L*2*4,+1((@#"7*8,41(
")30(1-720*(42*0*650(5)*(+?031(4236134,*0(-9(@-,*17,?2(E*6*5310(/*0123+36E(5)*(2-,*(-9(G\$!(36(?44*?2?61*I(
+*)?B3-2I(?6/(/30*?0*(05?5*A(%6(5)30(1-720*I(057/*650(. 3,,(*V?@36*(36)*235?61*(5)2-7E)(? (^*6/*,3?6(
4*204*153B*(?6/(@-2*(1-@4,*V(9-2@0(-9(36)*235?61*A(")2**(*1572*()-720(?6/(5)2**(*,+()-720(4*2(. **KA(
"?K*(DX#=#LSL(-2(DX#=#L>; A(MN*0732*/I(P2*B3-700A(
(

(
C<[#9&6\" S0.*+3.-7'L*2*4,+1'\-M((#"'7*8,41(
Y%&=: ; <(,?+(
"?K*(Y%&=: ; <A(MN*0732*/I(D-61722*650A(
(

(
C<[#9&@" " '..'C,O.05K((@#"7*8,41(
!0(?1-@42*)*603B*(072B*8(1-720*I(5)30(1-720*(*@4)?03J*0(5)*(1*,,7,?2I(07+1*,,7,?2I(?6/(@-,*17,?2(
1-@4-6*650(-9(*7K?28-5*0I(. 35)(1,-0*(?55*653-6(5-(5)*(05271572*=976153-6(2*,?53-60)340(5)?5(E-B*26(
1*,,7,?2(42-1*00*0(?5(5)*(@-,*17,?2(*B*,A(" -4310(361,7/*I(+75(?2*(6-5(,3@35*/(5-1(1*,,7,?2(@?12-@-,*17,*0I(
+3-*6*2E*5310I(@*+2?6*(05271572*(?6/(976153-6I(1*,,52?604-25(@*1)?630@0I(05271572*(?6/(976153-6(-9(
-2E?6*,,*0I(1*,,7,?2(@*5?+-,30@I(03E6?(52?60/7153-6I(1*,,7,?2(365*2?153-6(?6/(1-@@7631?53-6I(?6/(1*,,(
@-B* @*65A(")*/ *B*, -4@*65(?6/(3@42-B* @*65(-9(123531?,(5)36K36E(42?1531*0(?6/(42-9313*618(36(013*653931(
2*?/36E(?6/(. 23536E(. 3,,(+*(*@4)?03J*/(5)2-7E)-75(5)*(1-720*A(")2**(*1572*()-720(?6/(5)2**(*,+()-720(
4*2(. **KA(
"?K*(DX#=#LS: (-2(DX#=#L>; A(MN*0732*/I(P2*B3-700A(
(

(
C<[#9&@\\" " '..'C,O.05K'\-M((#"'7*8,41(
Y%&=: ; >(,?+(
"?K*(Y%&=: ; >A(MN*0732*/I(D-61722*650A(
(

! ""#\$%&\$'(") * (+ *, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B*(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
C<[#99%\'' S-7,2*'C,0.05K'\-M((#'7*8,41(

Y%&=: : [(,?+(
''?K*(Y%&=: : [A(MN)*0732*/I(D-61722*650A(

(
C<[#9GB\'' L*057-)H,+ '<2;07>-4,02'(K14*>1'\-M((#'7*8,41(

Y%&=: ZS,(?+(
''?K*(Y%&=<ZSA(MN)*0732*/I(D-61722*650A(

(
C<[#9%&'' () *+, -.' / 0), +1'\-M((\$#@''7*8,41(
F4*13?,(5-4310(36(+3-, -E8(?0(/**@*/(6*1*00?28(+8(6** / 0(-9(057/*650A(') *(1-720*(@?8(361,7/*(*V5*603B*(
93*, / (523401(, ?+(-44-2576353*01(-2(04*13?, (1, ?00*0(-6(3@4-25?65(5-4310(36(+3-, -E8A(^?8(+* (-99*2* / (9-2(-6*(5-(
9-72(12*/50A(F** (1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*
B3*. */(?5(@?23?6A*/7H2*E3052?2A(

(
C<[#9I\$'' C,0.05K''' -7**7' (* >, 2-7((\$#'7*8,41(

!""#\$%&\$'()*+*,.- (/ *0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
C<[#69I " : .-24'C,0.05K((@#'

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
C<[#6@B" <>> 320.05K((6#" 7*8,41(
!(057/8(-9(5) *(B*25*+2?5*(3@@76*(0805*@(?6/(350(2*, ?53-60) 34(5- (/30*?0*(?6/(/30*?0*(2*0305?61*A((") 2*(
, *1572*() -720(4*2(. **KA(
"?K*(Y%&=: ; <A(MN*0732*/I(P2*B3-700A(]"?K*(Y%&=: ; >A(MN*0732*/I(P2*B3-700A(
(
C<[#6@G" <>> 320.05K'\-M((9#" 7*8,41(
") 30(, ?+ -2?5-28(1-720*(. 3,, (365*E2?5*(5) *(4236134,*0(-9(1*,, (+3-, -E8(?6/(3@@76-, -E8A(("*1) 6307*0(
* @4, -8*/(361,7/*I(+75(?2*(6-5,(3@35*/(5-(1*,, (17,572*(5*1) 6307*0I(PDN(?6/(?44,31?53-60I(#W%F! 0I(?6/(
@312-01-48A(") *(1-720*(30(/*03E6*/(9-2(057/*650(365*2*05*/(36(@-, *17,?2(@*5) -/0(?6/(.) -(?3@5-(-(-
2*0*?21)(-2(E?36(R-+0(36(93*, /0(-9(1*,, (?6/(@-, *17,?2(+3-, -E8I(@312-+3-, -E8I(@*/3136*(?6/(@*/31?,(
5*1) 6-, -E8A(") 2***(, ?+) -720(4*2(. **KA(
(
C<[#6B&" T* = *.0) > *24-. 'C, 0.05K((@#" 7*8,41(
(

! ""#\$%&\$("\$) * (+, -. (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(

C<[#6G&" ^32,07'<24*721H,) ((\$#6'''7*8,41(
)*(R763-2(365*260)34(36(+3-, -E8(4*2@350(057/*650(. 35)(R763-2(05?6/36E5-(*?26(?1?/*@31(12*/35(9-2(. -2K(
-2(B-, 765**2(?153B358(5) ?5(/*?,0(. 35)(5) *(+3-, -E31?, (013*61*0(-2(42*4?2*0(5) *(057/*65(9-2(E2?/7?5*(?6/(-2(
42-9*003-6?, (01) --, A(") *(365*260)34(30(/*03E6*/(5-(365*E2?5*(1,?002--@ (K6-. , */E*(. 35)(42?1531?, (. -2K(
*V4*23*61*(36(5) *(057/*65f0(1) -0*6(?2*?(-9(057/8A(F57/*650(?2*(*B?, 7?5*/(+8(5) *32(-6-5) *R- +(074*2B30-2(
?6/(+8(5) *32(@-635-236E(9?17,58(@* @+*2A(F57/*650(? ,0-(42*0*65(+ -5))(? . 2355*6(?6/(-??, (07@@?53-6(-9(
5) *32(*V4*23*61*A(! (@363@7@(-9(9-72)) -720(-9(?157?, (. -2K(*V4*23*61*(4*2(. **KI(-2(Z; () -720/(7236E(5) *(
0* @*05*21(30(2*0732*/(9-2(*?1) (12*/35(5-(+*(*?26*/A(#62-, , @*65(36(5) *(1-720*(30(?22?6E*/(?95*2(2*B3*. (?6/(
?442-B?, (-9(5) *(42-4-0*/(365*260)34(+8(42-E2?@ (9?17,58A(") 30(1-720*(@?8(+*(2*4*?5*/(9-2(?6(
?117@7,?5*/(5-5?, (-9(03V(12*/350A(
(

(

C<[#6G\$" <247083+407K'?, *.8'C,0.05K'<((\$#6'''7*8,41(
! (+*E36636E(-99=1?@470(93*, /(*V4*23*61*(36(+3-, -E8A(F57/*650(. 3,, (52?B*, (5-(?, -1?53-6(?6/(*?26(5) *(
+3-, -E8(-9(5) ?5, (-1?53-6(36=/*45)A((F57/*650(. 3,, (*62-, ,, (36(92-@ (L=<(12*/350(+?0*/(-6(5) *(, *6E5)(-9(5)30(93*, /(
*V4*23*61*A(
"?K*(Y%&=: ; : A(MN*0732*/I(P2*B3-700A(
(

(

C<[#6G9" <247083+407K'?, *.8'C,0.05K'<<((\$#6'''7*8,41(
! (1-65367?53-6(-9(<ZLI(+75(36(?6-5) *2, (-1?53-6A((F57/*650(. 3,, (*62-, ,, (36(92-@ (L=<(12*/350(+?0*/(-6(5) *(
, *6E5)(-9(5)30(93*, /(*V4*23*61*A(
"?K*(Y%&=: ; : A(MN*0732*/I(P2*B3-700A(
(

(

C<[#6GB" L*057-)H,+ '<2;07> -4,02'(K14* >1((@#'''7*8,41(
)

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
C<[#6J6\" _00.05K'\-M((#'7*8,41(

Y%&=<a<(,?+(

\"?K*(Y%&=<a<A(MN*0732*/I(D-61722*650A(

(
C<[#6%&\" ()*+,-.'/0),+1',2'C,0.05K((\$#@'''7*8,41(

F4*13?,(5-4310(36(+3-, -E8(?0(/**@*/(6*1*00?28(+8(6**/0(-9(057/*650A('')*(1-720*(@?8(361,7/*(*V5*603B*(93*/(52340I(,?+(-44-2576353*0I(-2(04*13?(1,?00*0(-6(3@4-25?65(5-4310(36(+3-, -E8A(^?8(+*(-99*2*/(9-2(-6*(5-(9-72(12*/350A((F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(:;:::(1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(

(
C<[#6I%\" T,7*+4*8'L3,8*8'E*1*-7+H((\$#@'''7*8,41(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*([C63B*20358\(D?5?, -E\(-9\(D-720*0\(?6/\(F*153-60\(&99*236E0A\(](#)
(
C<[#G\$" L*7>-2'N01),4-. '<24*72'Q28*757-83-4*((\$#"7*8,41(
^?23?6(C63B*20358(36(4?256*20)34(. 35)(5) *(! E?4, *03-6(G3?K-63*(X-0435?,(36(N-5*6+72E(Md k@@*0I(

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*/ * 0123453-60(?2*(?B?3, ?+, *(36(5) *(, 3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(B*25*+2?5*0(. 3,, (+*(V?@36*/(36(5) *(1-65*V5(-9(5) *32(976153-6?, (03E63931?61*(?6/*B-, 753-6?28() 305-28A(") *(1-720*(. 3,, (1-B*2(+(-5) () 305-231?, (?6/(@-/*26(B3*. 0(-6(1-@4?2?53B*(?6?5-@8I(5) *(76/*2,836E(+3-, -E8(-9(53007*=-2E?6(0805*@0I(?6/*B-, 753-6?28(4*204*153B*0(-6(5) *(-23E36I(@?365*6?61*I(?6/(3B*203931?53-6(-9(9-2@(?@-6E(5) *(B*25*+2?5*0A(") 2**(*1572*()-720(?6/5) 2**(*, ?+(-) -720(4*2(. **KA(" ?K*(Y%&=: ; : A(MN*0732*/I(P2*B3-700A(

(C<[#@J@\' X*74*M7-4*C,0.05K\'-M(#\'\'7*8,4I(Y%&=>a>(, ?+(" ?K*(Y%&=>a>A(MN*0732*/I(P2*B3-700A(

(C<[#@%&\' () *+, -. /0), +1', 2'C,0.05K((\$#@\'\'7*8,4I(F4*13?, (5-4310(36(+3-, -E8(?0/** @*/(6*1*00?28(+8(6**/0(-9(057/*650A(") *(1-720*(@?8(361, 7/*(*V5*603B*(93*, /52340I(, ?+(-44-2576353*0I(-2(04*13?, (1, ?00*0(-6(3@4-25?65(5-4310(36(+3-, -E8A(^?8(+* (-99*2*/(9-2(-6*(5-(9-72(12*/350A(F* * (1-720*(0*153-6(1-@* @*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : (1?6(+* (B3*. */(?5(@?23?6A*/7H2*E3052?2A(

(C<[#@I &\' C,0.05K\'(* >, 2-7((\$#@\'\'7*8,4I(") *(F*63-2(F*@36?2(?//2*00*0(5) *(763B*20358=. 3/*(E*6*2?, (* /71?53-6(0*63-2(5) *@*(?6/(5*V5(9-2(5) *(8*?2A(") *(1-@@-6(0*63-2(*V4*23*61*(361, 7/*0/3017003-6(0*003-60I(1-6B-1?53-6(42*0*65?53-60I(?6/?6(?00*00@*65(+?0*/(74-6(E*6*2?, (* /71?53-6(E-?, 0A(! 55*6/?61*0(?5(1-6B-1?53-60(?2*(2*0732*/A(

(C<[#@I \$\' C,0.05K\'"-)1402*((\$#@\'\'7*8,4I(G7236E(5)30(1-720*I(057/*650(. 3,, (1-@4, *5*(5) *32(F*63-2(P2*0*65?53-6I(?(@7,534, *= /2?95(4?4*2(. 2355*6(-B*2(5) *(1-720*(-9(5) *(0*@*05*2(?11-@4?63*/(+8(?LS(@3675*(0*@36?2(-6(5) *(4?4*2f0(5-431A(

(C<[#@I %\' T, 7*+4*8' (*2, 07'E*1*-7+H((\$#@\'\'7*8,4I(C6/*2(5) *(E73/?61*(-9(?9?17,58(04-60-2I(057/*650(3/*65398(?2*0*?21)(5-431I(4*29-2@(?(.35*2?572*(2*B3*. I(12*?5*(?2*0*?21)/(*03E6I(E?5) *2(?6/?6?, 8J*/?5?(?6/(2*4-25(5) *32(936/36E0(. 35) (?6(! P! =058, *(@?67012345(?6/?6(9-2@?, (42*0*65?53-6A(P?4*20/** @*/(5-(+*(-9(0799313*65(07?, 358(+8(5) *(9?17,58(04-60-2(@?8(+* (42*0*65*/(?5(?2*E3-6?, (2*0*?21)(1-69*2*61*A(

(C<[#@I I \' <28*) *28*24'(438K((\$#@\'\'7*8,4I(! 6(36/*4*6/*65(36B*053E?53-6(-9(?5-431(36(+3-, -E8A(") *(057/*65(@705(-+5?36(5) *(?442-B?, (-9(5) *(42-E2?@

!""#\$%&\$'(")*(+*,.-. (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((CSP#6GG" C,047-21)074((6#"7*8,41(d35)(5)*(9-76/?53-60(-9(9,73/I) *?5(?6/(@?00(52?609*2(*05?+,30) */(36(9,73/0(?6/5) *2@-1(5)30(1-720*(9-170*0(-6(04*13931(+3-, -E31?,(*V?@4, *0(-9(52?604-25(361,7/36E(-V8E*6(52?604-25(1(+,- -/9,-. (?6/0-,75*(52?604-25(36(+3-, -E31?,(0805*@0A(! //353-6?,8I(/3017003-6(. 3,,(361,7/*(365*E2?53-6(-9(9,73/I) *?5(?6/(@?00(52?609*2(36(04*13931(+3-@*/31?,(*V?@4, *0(071)(?0(?2539313?,(-2E?6(/*B*, -4@*65(?6/(*V52?1-24-2*?,(/*B31*0A(""K*(#\N=<ZSA(MN*0732*/I(P2*B3-700A((CSP#@B\$" C,0,21473>*24-4,02((6#"7*8,41(D-720*(42*0*650(360527@*65?53-6(?6/(5*1)6307*0(70*/(36(?10730353-61(42-1*0036EI(?6/(42*0*65?53-6(-9(+3-@*/31?,(03E6?,0'(52?60/71*20I(0*60-20I(+3-0*60-20I(?6/(@*?072*@*65(-9(4)8031?,(4?2?@*5*20(?6/(*,*152-4)803-, -E31?,(03E6?,0A(")30(1-720*(1-B*20(+ -5)(1,3631?,(?6/(@*/31?,(2*0*?21)(360527@*65?53-6A(F4*13931(*V?@4, *0(361,7/*(5)*/03E6(?6/(?44,31?53-6(-9(*,*152-/*0I(+3-4-5*653?,(?@4,393*20I(+3-0*60-20I(5)*2?4*7531(/*B31*0I(1,3631?,(@*?072*@*650I(3@4,?65?+,*/B31*0I(6-6=36B?03B*(@*5) -/0I(?6/(@*/31?,(3@?E36E(@?1)36*0A(""K*(Y^#=<<; A(MN*0732*/I(P2*B3-700A(]"?K*(Y^#=<<S: A(MN*0732*/I(P2*B3-700A((CSP#@I9"

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
013*61*0I(?6/() *?5)(4-,318(?6/(@?6?E* @*65A(D-61*450(5) ?5(. 3,,(+*(1-B*2*/(361,7/*') 305-231?,(
9-76/?53-60(-9*(43/*@3-, -E31(2*0*?21) I(@*?072*0(-9/30*?0*(92*07*618I(05?6/?2/3J?53-6I(057/8/*03E6I(
@*?072*0(-9*(99*15I(012**636E1(?6/(1?70?,358A(F57/*650(. 3,,(42?1531*(?44,31?53-6(-9(5) *(1-2*(1-65*65(?6/(
0K3,0(36(1?0*(+?0*/(*V*2130*0(?6/(01*6?23-0A(
(

CS(#B\$B" <247083+4,02'40'4H*'Q1'N*-.4H+-7*' (K14*>((6#""7*8,41(
")*(4724-0*(-9(5)30(1-720*(30(5-(3652-/71*(057/*650(5-(5) *) *?5) 1?2*(0805*@(36(5) *(C635*/(F5?5*0I(. 35)(
?6(*@4) ?030(4, ?1*/(-6(5) *(3@4?15(-9(47+,31) *?5)(2*,?5*/(/30134,36*0(-6(5) ?5(0805*@(T2-@2*, *B?65(
, *E?(1-61*450(5-(*5)31?, /3,*@@?0I(. *(. 3,,(*V4, -2*(?5-4310(?6/(3007*0(5) ?5(057/*650(?2*(,3K*,8(5-(
*61-765*2(.)3,*(*6E?E36E(. 35)(?) *?5)(1?2*(-2E?63J?53-6A(%(?//353-6I(1-65*65(2*,?5*/5-(*43/*@3-, -E8I(
*6B32-6@*65?,) *?5)(013*61*0I(0-13?, (?6/(+*) ?B3-2?, (013*61*0I(?6/() *?5)(4-,318(?6/(@?6?E* @*65(. 3,,(
+*(1-B*2*/A(
(

CS(#B9\$" ! 2-40>K'N,140.05K'-28'P>M7KO.05K'<((6#""7*8,41(
!(1-720*(36(5) *(3/*653931?53-6(-9(?6?5-@31?, (?6/() 305-, -E31?, (05271572*0(?6/(5) *32(2*,?53-60)34(. 35)(
976153-6(36() 7@?60(92-@(*@+28-, -E31?, (05?E*0(5) 2-7E)(?/7,5) --/A(") *(1-720*(. 3,,(?0-(1-B*2(+3-=
@*/31?, ,8(2*, *B?65(5*1) 6307*0(36(5) *(93*, /0(-9(?6?5-@8I() 305-, -E8(?6/(*@+28-, -E8A(
(

CS(#B99" N3>-2! 2-40>K'N,140.05K'-28'P>M7KO.05K'((6#""7*8,41(
!(1-65367?53-6(-9(Y^F=S: LM(
(

CS(#B6\$" S*8,+-. 'C,0+H* >,147K((6#""7*8,41(
!(1-720*(36() 7@?6(+3-1) *@30528(. 35)(?9-170(-6(5) *(+3-1) *@31?, (+?030(-9(6-2@?, (?6/(4?5) -, -E31?, (05?5*0A(
")*(4)8031?, (?6/(1) *@31?, (42-4*253*0(-9(@?R-2(1,?00*0(-9(+3-, -E31?, (@-, *17,*0(. 3,,(+*/(301700*/(?0(. *, (?0(
5) *(2-, *(-9(5) *0(@-, *17,*0(36(5) *(4?5) -, -E8(-9(B?23-70/(30*?0*(05?5*0A(F4*13?, (1-603/*2?53-6(. 3,,(+*(E3B*6(
(

!""#\$"%&\$'()*+*,.- (/ *0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(CS(#BII" /H*1,1'E*1*-7+H',2'C,O>*8,+-. '(+,*2+*1(\$#I ""7*8,41(\73/*/(2*0*?21)(36(?+3-@*/31?,(,?+-2?5-28(0*5536E(76/*2(5) *(/32*153-6(-9(5) *(2*0*?21)(?/B30-2(5-. ?2/0(5) *(42-/7153-6(-9(?6(^F(5) *030A(") 30(1-720*(@?8(+*(2*4*?5*/(9-2(74(5-(: <(12*/350A(

(CQ(\$&&" S07-.'''-),4-.,1>((6#""7*8,41(")30(1-720*(V4,-2*0(5) *(B-,753-6(-9(1?435?,30@(?6/(350(4-,3531?,I(*5)31?,I(?6/(17,572?,(3@4?150(-6(0-13*58A(%603E)5(92-@D?5) -,31(?6/(T2?61301?6%65*,,*157?,(''2*/353-60(42-B3/*0(?92?@* . -2K(5-(*V?@36*(1?435?,30@f0(@-2?,I(0-13?,I(?6/(5)31?,(2*04-603+3,353*0(5-(0-13*58A(&5) *2(0805*@0(-9*(1-6-@31(-2E?63J?53-6(?2*(1-652?05*/(. 35)(D?435?,30@A(") *(1-720*(361,7/*0(?(*?/*20)34,(?+. 35)(L:(,*?/*20(4*2(0*?05*2(36B35*/(5-(0)?2*(5) *32(B3*. 0(-6(1-720*(5-4310A(

(CQ(\$&&" <247083+4,02'40'C31,2*11((6#""7*8,41(! (072B*8(-9(5) *(93*/(-9(+7036*00A(F57/*650(?10732*(?6(76/*205?6/36E(-9(?6/(?442*13?53-6(9-2(+7036*00(976153-60(?6/(1?2**2(-44-2576353*0A(! ,,@?R-2(?04*150(-9(+7036*00(?153B358(?2*(1-B*2*/A(

(CQ(\$&I" C31,2*11':.-2'''0>)*4,4,02((I#""7*8,41(")30(1-720*(42-B3/*0(057/*650(. 35)(?6(365*E2?5*/I(1-.,?+-2?53B*(?6/(V4*23*653?,(3652-/7153-6(5-(-+7036*00(36(.)31)(057/*650(1-.,?+-2?53B*,8(1-@4,*5*(?07+05?653?,(+7036*00(42-R*15(5) ?5/2?. 0(74-6(5) *(04*13931(5) *-23*01(5--.,01(@*5) -/0(?6/(K6-. ,*/E*(?10732*/(36(?11-76536EI(*1-6-@310I(?6/(+7036*00A(F57/*650(1-@4,*536E(5)30(1-720*(. 3.,(+E36(5-(?10732*(MLQ(?6(76/*205?6/36E(-9(?6/(?442*13?53-6(9-2(+7036*00(976153-60(?6/(1?2**2(-44-2576353*01(?6/(M: 0(5) *(04*13?,3J*/(?6/(365*,,*157?,(0K3,0(-9(5) *(?11-765?651(*1-6-@305I(?6/(+7036*00(@?6?E*2A(") 30(1-720*(4?253?,8(0?53093*0(5) *(E*6*2?,(*71?53-6(2*0732*@*65(36(5) *(36/3B3/7?,(?6/(0-13?,(76/*205?6/36E(1?5*E-28A(

(CQ(\$%&" ()*+,-./0),+1',2'C31,2*11((\$#@""7*8,41(F*,*15*/(5-4310(-9(365*2*05(36(5) *(93*/(-9(+7036*00A((F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(

(CQ(#9&&" "-7**71',2'C31,2*11WE*1*-7+H'-28'<24*721H,)1((9#""7*8,41(")30(1-720*(30(/*03E6*/(5-) *4(057/*650(*V4,-2*(1?2**20(36(+7036*00(?6/(42*4?2*(9-2(5) *32(2*0732*/(365*260)34(36(+7036*00A(F57/*650(+73,/(?2*07@*(?6/(+*1-@*(?107?365*/(. 35)(B?23-70(9*?572*0(-9(X?6/0)?K*(?6/(0-13?,(@*/3?(5) ?5(9?13,35?5*(5) *(R-(0*?21)(42-1*00A(") *(1-720*(361,7/*0?(42-9*003-6?,8(?/@36305*2*/(@-1K(365*2B3*. I(6*5. -2K36E(*B*651(?6/(1?2**2(9?32A(??K*(YCF=L; `A(MNV*0732*/I(P2*B3-700A(

(CQ(#9&\$" C31,2*11':.-2'<>).*>*24-4,02(((\$#G""7*8,41(")30(1-720*(30(-99*2*/(5-(057/*650(.)-0*(YCF(L; `(+7036*00(4,?6(. ?0(2*1-E63J*/(?0(5) *(+*05(+7036*00(4,?6(+8(?4?6*,(-9(+7036*00(*V*1753B*0A(! 0(. 366*20(-9(?423-2(0*?05*2f0(YCF(L; `(+7036*00(4,?6(1-@4*5353-6I(057/*650(?2*(?. ?2/*/(0***/(-6*8(5-(-4*6(5) *32(+7036*00(-6(1?@470A(F57/*650(@?6?E*(?,(04*150(-9(5) *(+7036*00A(D2*/350/*5*2@36*/(+8(36052715-2A(^?8(1-765(9-2*,*153B*(+7036*00(*V4*23*61*A(\2?*/(FHCA(??K*(YCF=L; `A(MNV*0732*/I(P2*B3-700A(

(
,
,

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
CQ(#9&B'' C31,2*11'(4-4,14,+1((6#"7*8,41(
!(057/8(-9(5) *(+?031(1-61*450(?6/(@*5) -/0(-9(05?53053101(361,7/36E(/*0123453B*(05?53053101(42-+?+3,3581(
0?@4,36E(5) * -28(?6/(42?1531*I()84-5) *030(5*0536EI(?6/(1-22*,?53-6A(D-@475*20(?2*(3652-/71*/(?0(5--,-0(-9(
?6?,8030A!(+?031(05?5305310(1-720*(9-2(057/*650(92-@93*,/0(36(.)31)(05?5305310(936/(?44,31?53-6A(")30(1-720*(

!""#\$%&\$'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+*(36(5)*(,3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
CQ(#6GI''''-)1402*W/*+H2O.05KV':70>04,02'O'P=*24'PA*+34,02((6#''7*8,41(
")30(1-720*(.3,,(53*(35(?,,(5-E*5)*2(?6/(17,@36?5*(36(5)*(*V*1753-6(-9(?6(*B*65(9-2(5)*(1)-0*6(42-E2?@(
4?256*2(/7236E(5)*(936?(. **K(-9(5)*(1-720*A(")30(1-720*(936?3J*0(5)*(2*O732*/(05*40(9-2(*99*1536E(
@**536EH*B*65(4,?6636EA(F57/*650(.3,,(?0-(*V4,-2*(5)*(@?68(584*0(-9(04*13931(5*1)6-,E8(6**/0(-9(?,,(
4?253134?650A(F57/*650(.3,,(9-170(-6(@?6?E36E(5)*(*B*65(36(?(@?66*2(5)?5(1?6(+*(70*/(?0(?(@?2K*536E(
5--,(5-(42-@-5*(5)*(-2E?63J?53-6I(1-B*236E(?/B*253036EI(42-@-53-60I(0?,*0I(?6/(1-607@*2(+*)?B3-2(?6/(
)-. (5-(*B?,7?5*(?6/(42*/315(1-607@*2(+*)?B3-2(36(*B*65(4,?6636E(052?5*E3*0(*?26*/(42*B3-70,8A(")30(
1-720*(30(-99*2*/(-6,8(36(5)*(^!P(42-E2?@A(
"?K*(YCF=<Z>A(MN*O732*/I(P2*B3-70(-2(1-61722*650A(
(

CQ(#6%&''''()'+,-./0),+1',2'C31,2*11((\$#6''7*8,41(
F*,*15*/(5-4310(-9(365*2*05(36(5)*93*/(-9(+7036*00A(F**1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(:;:::(1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(

CQ(#@&&''''-7**71',2'C31,2*11W^OM'(*-7+H'-28':70;*11,02-. 'T*='.0)>*24(\$#''7*8,41(
!(1-720*(/*03E6*/(5-(*6)?61*(23036E(0*63-20(?+3,358(5-(0711*0097,,8(?761)(?6/(@?6?E*(5)*(*?2,8(05?E*0(-9(
5)*32(1?2**2(36(+7036*00A(D-720*(*@4)?030(+73,/0(74-6(?6/(365*E2?5*0(1?2**2(976/?@*65?,0I(365*260)34(
*V4*23*61*0I(?1?/*@31(?11-@4,30)@*650I(?6/(4*20-6?,(?)3*B*@*650A(
"?K*(YCF=:;(-2(YCF=:` ;A(MN*O732*/I(P2*B3-700A[(")?K*(YCF=<Z;(-2(YCF=<ZSA(MN*O732*/I(P2*B3-700A(
(

CQ(#@%&''''()'+,-./0),+1',2'C31,2*11((\$#@''7*8,41(
F*,*15*/(5-4310(-9(365*2*05(36(5)*93*/(-9(+7036*00A(F**1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(:;:::(1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(

CQ(#@!B''''C31,2*11':0.,+K'-28'(47-4*5K((6#''7*8,41(
")30(1-720*(0*2B*0(?0(5)*(?!?/*@31(1?405-6*(*V4*23*61*(9-2(+7036*00(?/@363052?53-6I(@?6?E*@*65I(?6/(

! ""#\$"%&\$'(") * (+ *, -. (/ * 0123453-60(0) -7, / (-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@* (1-720* (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"C(#9&G"

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*/ *0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(#\N=: <; A(MN*0732*/I(P2*B3-700A(J(" ?K*(#\N=<ZSA(MN*0732*/I(P2*B3-700A(
(
"PR#6GG" S-11'/7-21;*7'-28'(*) -7-4,021(6#" 7*8,41(
)30(1-720*(36B*053E?5*0(@?00(52?609*2(?6/(365*E2?53-6(-9) *?51(@?00I(?6/(@-@*657@(52?609*2(365-(
?6?,8030(-9(42-1*00(-4*2?53-60(-9(E?0(?+0-2453-6I(/3053,,?53-6I(?+0-2453-6I(?6/(,3073/(*V52?153-6A(") *2*(
. 3,,(+*(?(,?(+1-@4-6*65(5-(5)30(1-720*(?0(. *,,A(
"?K*(#\N=<ZSA(MN*0732*/I(P2*B3-700A(J(" ?K*(D#\$=: Z: A(MN*0732*/I(P2*B3-700A(
(
"PR#6JG" "H* >,+-.'E* -+4,02'P25,2**7,25(6#" 7*8,41(
)30(1-720*(. 3,,(3652-/71*(5) *(976/?@*65?,0(-9(1) *@31?,(2*?153-6(*6E36**236EA((" -4310(361,7/*(2?5*(,?. 0I(
K36*5310I(?6/(@*1)?630@0(-9) -@-E*6* -70(?6/()) *5*2-E*6* -70(2*?153-60I(?6?,8030(-9(2?5*(/?5?I(@7,534, *(
2*?153-60I) *?5(*99*150I(+3-2*?15-20I(@-, *(+?,?61*0I(2*?15-2(/*03E6I(1?5?,8030(?6/(1?5?,8531(2*?15-20A((
) *2*(. 3,,(+*(?(,?(+1-@4-6*65(5-(5)30(1-720*(?0(. *,,A(
"?K*(D#\$=<ZLA(MN*0732*/I(P2*B3-700A(J(" ?K*(D#\$=<ZZA(MN*0732*/I(D-61722*650A(
(
"PR#@6B" "H* >,+-.' : 70+*11'T*1,52

!""#\$%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(DX#=L; ; A(MN*1-@@*6/*/I(P2*B3-70(-2(1-61722*650A(
(
"NP#\$&\$&" ?328->*24-.1'0;'L*2*7-. '[75-2,+Y'-28'C,0.05,+-.''H*>,147K'<((@#"7*8,41(
(

!""#\$%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"NP#9\$B" <2470'40'?07*21,+""H* >,147K((@#"7*8,41(
%652-/7153-6(5-(42*1*/65(36(1)*@30528(?6/(5)*(.?. A((G3017003-6(-9(4)8031?,(*B3/*61*(36((2*,?53-6(5-(
9-2*6031(?6?,8030(?6/(42*0*65?53-6(36(?1-725(-9,?. A(!44,31?53-6(-9(1)*@31?,(3/*653931?53-6(@*5)-/0(5-(
5)*(?6?,8030(-9(52?1*(B3/*61*I(361,7/36E(07+05?61*0(071)(?0(4?365I((93+*20I(1-652-,,*/(07+05?61*0I(?6/(
932*?2@0H?20-6(2*03/7*0A(")2**(*1572*)-720(?6/(5)2**((,?+) -720(4*2(. **KA(
"?K*(DX#=L>; (DX#=L>LWA(MN*0732*/I(P2*B3-700A(
(

"NP#9\$B\" <2470'40'?07*21,+""H* >,147K'\-M((#""7*8,41(
%652-/7153-6(5-(@*5)-/0(-9(42*,3@36?28(1)*@31?,(?6?,8030(?6/(9-2*6031(,+ -2?5-28(5*1)6307*0A(")30(,+(
. 3,,(E3B*(057/*650)?6/=-6(*V4*23*61*(. 35)(1-@@-6(9-2*6031(5*1)6307*0(5-(3/*65398(76K6-. 6(
07+05?61*0(?6/(?6?,8J*(1-@@-6(43*1*0(-9(*B3/*61*(071)(?0(E760)-5(2*03/7*(?6/(93+*20A(")30(,+ (?0-(
361,7/*0(?93*,/5234(5-5)*(%6/3?6?4-,30(D23@W?+-2?5-28(5-(?,,-. (057/*650(5-(-+0*2B*(5)*0*(5*1)6307*0(36(
?(42-9*003-6?,(*6B32-6@*65A(
"?K*(DX#=: LSA(MN*0732*/I(D-61722*650A(
(

"NP#9B6" !++*. *7-4*8'L *2*7-.'""H* >,147K(@#"7*8,41(
!6(?11*,*2?5*/(057/8(-9(5)*(976/?@*65?,(,?. 0I(4236134,*0(?6/(5)*-23*0(-9(1)*@30528I(361,7/36E(5)*(
, @*650(?6/(5)*32(1-@4-76/0I(584*0(-9(1)*@31?,(2*?153-6I(05271572*0(-9(?5-@0(?6/(@-,*17,*0I(05?5*0(-9(
(

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
@*?072*@*650(?6/(/?5?(?6?,8030(?6/(5)*0-,753-6(-9(5)*-2*531?(42-+,*@0(7036E(1-@475*2=+?0*/(?6/(
-5)*2(@*5)-/0A(")2**(*1572*()-720(?6/(5)2***(?+()-720(4*2(. **KA(
"?K*(DX#=LS: (-2(DX#

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,-/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*.3B*(C63B*20358(D?5?,_-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
057/*65(?6/5)*04-60-236E(360535753-6A! (@363@7@(-9(:; ;) -720(-9(. -2K(*V4*23*61*(36(1)*@30528(30(
2*0732*/(5-(*226(5)2***(12*/350A(^?8(*62-,,(9-2(5. -5-(03V(12*/350A(\2?/*/(FHCA(
"?K*(L[(12*/350h(T2-@F7+R*15(DX#h(#V1*45(1-720*(DX#=#L; ; A(MN*O732*/I(P2*B3-700A(
(
"NP#@%&" ()*+,-./0),+1',2'''H*>,147K((\$#@'''7*8,41(
F4*13?,(5-4310(36(1)*@30528I(@?8(361,7/*(93*,/(52340I(,?+(-44-2576353*0I(-2(04*13?,(1,?00*0(-6(3@4-25?65(
5-4310(36(5)*93*,/A((F***(1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(:; : (1?6(
+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
"NP#@I &" "H*>,147K'(*>,2-7((9#'''7*8,41(
G3017003-6(-9(@?R-2(3007*0(36(1)*@30528(. 35)(*@4)?030(-6(057/*65(42*0*65?53-60(M-2?,(?6/(. 2355*6Q(-9(
E*6*2?,(?6/(04*13931(5-4310(/301700*/(36(1722*65(1)*@31?,(R-726?,0A(%65*E2?5*0(5)*E*6*2?,(/71?53-6(
5)*@*(?6/(2*?/36E0A(!55*6/?61*(?5(1-6B-1?53-60(30(2*0732*/A(" -2*135?53-6() -720(4*2(. **KA(
"?K*(^>(12*/350A(MN*O732*/I(P2*B3-700A(
(
"NP#@I %" T,7*+4*8'E*1*-7+H((\$#@'''7*8,41(
")30(1-720*(42-B3/*0(5)*(-44-2576358(9-2(057/*650(. 35)(052-6E(1)*@30528(+?1KE2-76/(?6/(0K3,,0(5-(1?228(
-75(,?+-2?5-28(-2(1-@475?53-6?,(2*0*?21)(-6(?5-431(1)-0*6(+8(?E2**@*65(. 35)(?9?17,58(@*+*2I(
4*29-2@(?442-423?5*(35*2?572*(0*?21)*0(2*,?5*/(5-(5)*32(1)-0*6(5-431I(?6?,8J*(/?5?I(?6/(2*4-25(5)*32(
936/36E0(5)2-7E)(?. 2355*6(2*4-25(?6/(?47+,31(42*0*65?53-6A(P?4*20(-9(0799313*65(@*235(?6/(6-B*,58(@?8(
+*(42*0*65*/(?5(?2*E3-6?,(2*0*?21)(1-69*2*61*A(F57/*650(@?8(*62-,,(9-2(-6*5-(9-72(12*/350(4*2(
0*@*05*2A(&6*(12*/35(1-22*04-6/0(5-(<) -720(-9(,?+(-. -2K(4*2(. **KI(-2(5)*(*O73B?,*65A(C4(5-(03V(12*/350(
@?8(1-765(9-2/*E2**(-2(1-61*652?53-6(2*0732*@*650A(
(
"NP#@I I" <28*)*28*24'(438K((9#'''7*8,41(
! 6(36/*4*6/*65(057/8(-9(?;?+-2?5-28(?6/H-2(5)*-2*531?,(42-+,*@(36(1)*@30528A! (. 2355*6(2*4-25(?6/(H(-2(
?(47+,31(42*0*65?53-6(@?8(+*(2*0732*/(5-(2*1*3B*(12*/35A(^?8(*62-,,(9-2(5. -(2(5)2***(12*/350A(
(
" [\#&I I" "0..*5*E*-8,25'-28*-72,25'(47-4*5,*1((6#'''7*8,41(
")30(/*B*, -4@*65?,(1-720*(361,7/*0(360527153-6(36(,*?2636E(052?5*E3*0(071)(?0(6-5*5?K36EI(5*05(5?K36EI(
53@*(@?6?E* @*65I(?6/(2*?/36E(5*V5+--K0*99*153B*,8A(N*?/36E(3@42-B*@*65(0K3,,0(361,7/36E(
1-@42*)*603-6(0K3,0I(2*?/36E(2?5*I(?6/(B-1?+7,?28+73,36E(@?K*(74(5)*5)2**(@?R-2(76350(-9(057/8A(
F57/*650(?0-,(,*?26(5-(753,3J*(5)*32(4*20-6?,(,*?2636E(058,*0A(")*0*(,*?2636E(052?5*E3*0(?2*(?44,3*/(5-(
057/*650U(?1?/*@31(1-720*. -2KA!(E2?/*(-9(D(-2(+*55*2(30(2*0732*/A(D&W(; ``(@?8(+*(2*4*?5*/(-6,8(-6*(
53@*h(39(5)*0*1-6/(?55*@45(30(760711*0097,1(5)*057/*65(30(36*,3E3+,*5-(2*5726(+?0*/(-6(,?1K(-9(42-E2*00A(
G*B*, -4@*65?,(1-720*0I(071)(?0(D&W(; ``I(1-765(5-. ?2/(5)*12*/350(2*0732*/(9-2/*E2***(1-@4,*53-6I(?6/(
@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L: (12*/350(*?26*/(5-. ?2/(?+?1)*,-2/*E2**(-2(03V(
12*/350(5-. ?2/(?6(200-13?5*//*E2**A(
(
" [\#\$&\$" "-7**7'PA).07-4,02((9#'''7*8,41(
")30(1-720*(30/*03E6*/(5-()*,4(057/*650(,*?26(@-2*(?+-75(5)*32(-. 6(B?,7*0I(365*2*050I(4*20-6?,358I(?6/(
0K3,0I(,*?/36E(5-(?(@-2*(369-2@*//*1303-6(-6(1)-31*(-9(@?R-2(g(?6/(7,53@?5*,8(g4,?60(9-2(4-05-1-,,*E3?5*(
0711*00A(")*9320=),?9(-9(5)*0* @*05*2(. 3,,(753,3J*(1?2*2*(200*00@*650I(-6,36*(5--0I(B3/*-0I(369-2@?53-6?,(
365*2B3*. 0I(E7*05(42*0*65?53-60I(?6/(4*20-6?,(2*9,*153-6(?0(5)*057/*65(,*?260(@-2*(?+-75()3@H)*20*,9(
(

!""#\$%&\$('\$)*(+*,-./0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?6/(B?23-70(?1?/*@31(?6/(1?2**2(4?5)0(?B?3,?+,*A(")*0*1-6/(?)?9(-9(5)*0*0*05*2(. 3,,(5?K*(?(@-2*(
42?1531?(?442-?1)(5-(1?2**2/*B*, -4@*65I(361,7/36E(12*?53-6(?6/5?3,-236E(-9(1?2**2/-17@*650I(
@?365?3636E(?42-9*003-6?,(-6,36*(42*0*61*1(1-@4,*536E(@-1K(365*2B3*. 0I(,*?2636E(92-@(E7*05(
42*0*65*20I(?6/(E-?,=0*5536E(9-2(5)*3@*/3?5*(?6/305?65(97572*A(#6)?61*0*65(1-720*0I(071)(?0(D&W(
L; LI(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L:(12*/350(*?26*/(5-. ?2/(?+?1)*,-2/*E2**(-2(03V(
12*/350(5-. ?2/(?6(?00-13?5*/E2**A(
(

"[\#\$%&" (47-4*5,*1';07""O..*5*' -28""-7**7'(3++*11((6#""7*8,4I(
)30(1-720*(361-24-2?5*0(5)*(1-65*65(-9(D&W=L; LI(D?2**2(#V4,-2?53-6I(. 35)(5)*(,*?2636E(?6/(42?1531*(-9(
0*B*2?(?1?/*@31(0711*00(0K3,,0A(%30(2*0732*/(9-2(057/*650(.)-())?B*(0711*0097,,8(?44*?*,/(9-2(
2*?/?@3003-6(5-(^?23?6(C63B*20358I(?6/(052-6E,8(2*1-@@*6*/(9-2(057/*650(-6(?1?/*@31(42-+?53-6A(
)30(30(?6(*6)?61*0*65(1-720*1(+75(@?8(6-5(+*(2*4*?5*/(9-2(12*/35A(
(

"[\#\$%&" ()*+,-./0),+1',2""O..*5*' (3++*11'(3++*11((\$#6""7*8,4I(
F4*13?,"-4310(36(1-,,*E*(0711*00(?6/(2**?/36*00A(
(
"[\#6G&" "-7**7'PA).07-4,02'-24*721H,)((\$#6""7*8,4I(
)*(365*260)34(30(/*03E6*/(5-(E3B*(057/*650(?6(-44-2576358(5-(*V4,-2*(1?2**2(-453-60(6-5/(32*15,8(2*,?5*/(
5-(5)*(057/*6500(@?R-2(?2*?(-9(057/8A(")2**1,?00(@**536E0(. 35)(5)*(/32*15-2(-9(365*260)340(?2*(2*0732*/(
9-2(1-@4,*53-6(-9(5)*(1-720*A(^363@7@Z; ()-720(-9(. -2K(*V4*23*61*(2*0732*/(4*2(12*/35A(%65*260)34(
12*/350/(-6-5(1-765(5-. ?2/(12*/350(2*0732*/36(?04*13931(@?R-2A(\2?/*/(FHCA(
(

"[S#\$%&\$" : 3M.,+'()*-D,25((6#""7*8,4I(
N)*5-231(30(5)*(?25(-9(4*207?03-6(?6/(47+,31(04*?K36E(30(5)*(4?2?/3E@?531(2)*5-231?,(715A((P2?153136E(5)*(
976/?@*65?,0(-9(04**1)(1-60527153-6(?6/(/*,3B*28I(057/*650(. 3,,(17,53B?5*(2)*5-231?,(? . ?2*6*00(g(5)*(
123531?,(0*603+3,353*0(2*0732*/(5-(2*1/(()-1(TJ61171-1(3)-1(0)-1(?6()-1(*)1(6)?61*)11(6)?61*)11(6)?61*)11(6)?61*)04620

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
" [S#\$GB" (47-4*5,+""0 > >32,+ -4,02': 7,2+,((6#"7*8,41(
F52?5*E31(D-@@7631?53-6(423@*0(057/*650(9-2(5) *(/86?@31(6?572*(-9(47+,31(1-@@7631?53-6(*B*650(
1?@4?3E60I(?6/(42-R*150(5)2-7E)(1?0*(057/8(?6?,8030(p(?1,?00=. 3/*1(47+,31(?003E6@*65A(") *(1,?00(3,,(
1-,,?+-2?5*(. 35)36(5) *(0*@*05*2(5-(1-61*457?,3J*(?6/(42-/71*(?6(-6=1?@470(*B*65(5)?5(?44,3*0(
1-61*450(?6/(0K3,,0(92-@5) *(/30134,36*(5-(?552?15(?7/3*61*0(9-2(?4*207?03B*(4724-0*A(
(
" [S#\$%&" () *+, -./0), +1', 2""0 > >((\$#6""7*8,41(
F4*13?, (" -4310(36(D-@@7631?53-6A(D722*65(?6/(42*B3-70(04*13?, (5-431(1-720*(/*0123453-60(1?6(+*B3* . */(
-6(5) *(N*E3052?2f0(. *+035*(=(N*E3052?53-6(N*0-721*0(4?E*A(
(
" [S#\$I &" R*F'S*8,-'-28'T,5,4-.'''3.437*(6#"7*8,41(
#V4,-2*0(5) *(2-, *(-9(6* . (@*/3?(36(47+,31(?6/(4-47,?2(17,572*A(P2-B3/*0(?5) *-2*531?,(-B*2B3* . (9-2(5) *(
123531?,(*B?,7?53-6(?6/(42-/7153-6(-9(/3E35?,(5*V50A((%61,7/*0(4?253134?53-6(36(B?23-70(/3E35?,(4,?59-2@0(?0(
057/*650(42?1531*(/3E35?,(,35*2?18(?6/) -6*(0K3,,0(9-2(2-+705(/3E35?,(1353J*60)34A(
(
" [S#9&\$"

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
" [S#9B&" C31,2*11'O': 70;*11,02-. '()) * -D,25((6#"7*8,41(
P2*4?2*0(057/*650(9-2(47+,31(04*?K36E(36(+7036*00(?6/(42-9*003-6?,(1-65*V50(071)(?0(@**536E0I(R- +(
365*2B3*. 0I(0?,*0(4351) *0I(52?3636E(0*@36?20I(?6/(@-53B?53-6?,(05-285*, ,36EA((G*B*, -40(1-61*450(123531?,(5-(
42-9*003-6?,(1-@@7631?53-6',(*?/*20)34I(E2-74(/86?@310I(5*1)6-, -E31?,(,35*2?18I(17,572?,(1-@4*5*61*I(
?6/(1-60527153B*(12353130@A(
"?K*(D& ^=L; LA(MN*0732*/I(P2*B3-700A(
(
" [S#9JB" <2470'40'?,.,>': 7083+4,02((6#"7*8,41(
)30(1-720*(1-@+36*0(?6(3652-/7153-6(5-(93,@(5) * -28(. 35)(5) *() ?6/0=-6(*V4*23*61*(-9(93,@(42-/7153-6A(
F57/*650(*V4,-2*() -. (93,@()305-28I(12353130@I(6?22?53B*I(?6/(E*62*(369,7*61*(93,@(42-/7153-6A(F57/*650(
5)*6(. -2K(?0(/32*15-20(?6/(12*. (@*@+*20(-6(6?22?53B*(-2(6-6=6?22?53B*(0) -25(93,@0(=?6/(1235307*(5) *(
93630)*/(42-/7150A(W*?2636E(5) *(+?0310(-9(136*@?5-E2?4)8I(/3536EI(0-76/I(?6/(42-/7153-6(/*03E6I(
057/*650(*V4,-2*(5) *(360(?6/(-750(-9(

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
9** ,36EI(1-692-65?53-6I(?6/(2*9, *153-6(-9(@*?636EA(#5)31?, (?6/(17,572?, ,8(2*04-603B*(42?1531*0(. 3,,(+*(
@4)?03J/A(
(
" [Q#B&B" L703) ""0321*.,25((6#"7*8,41(
^?R-2(?442-?1) *0(5-(E2-74(1-760*,36E(?2*(1-B*2*/1(361,7/36E(5) * -2*531?, (?442-?1) *0(5-(1-760*,36E(
E2-740I(5) *(B?23-70(2-, *0(1-760*, -20(4, ?8(36(/3B*20*(E2-74(@-/*, 0I(?6/(+?031(4236134, *0(-9(E2-74(
/86?@310A(F57/*650(. 3,,(+*(52?36*/(36(E2-74(4081) -5) *2?48(5) 2-7E)(E2-74(/3017003-60I(*V4*23*653?, (
03@7, ?53-60I(?6/(2-, *=4, ?836E(/*@-6052?53-60A(
(
" [Q#B\$&" : 70; *11,02-. 'E0.*'0;'SH""0321*.071((6#"7*8,41(
! 6(36=/*45)(3652-/7153-6(5-(5) *() 305-281(2-, *0I(976153-60I(?6/(2*, ?53-60)340(-9(@*65?, () *? ,5)(1-760*, -20(
. 35)36(5) *(1-65*V5(-9()) *? ,5)(?6/()) 7@?6(0*2B31*0(0805*@0A(") *(1-720*(3652-/71*0(5) *(2*0732*@*650(-9(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720* (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
" [Q#B6&" "-7**7'-28\,,*14K.***0321*.,25((6#"7*8,41(

! ""#\$%&\$('\$) * (+, -, (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+,*(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

" [Q#B%&" () *+,-./0),+1',2'''0321*.,25((6#'''7*8,41(

)30(1-720*(1-B*20(04*13?,3J*/(5-4310(2*, *B?65(5-(5) *(93*, /(-9(1-760*,36E(6-5(1-65?36*/(36(-5) *2(1-720*0A(

"-4310(B?28A(F***(1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(

B3*. */(?5(@?23?6A*/7H2*E3052?2A(

" [Q#G&&" ! 11*11>*24'-28': 7057->'P=-.3-4,02((6#'''7*8,41(

&B*2B3*. (-9(@*?072*?*65(4236134,*0(?6/(?442-?1) *0(5-(5) *(?00*00@*65(-9(36/3B3/7?,0I(E2-740I(?6/(

42-E2?@0A(F57/*650(?2*(3652-/71*/(5-(365*,,3E*61*I(?1) 3*B*?*65I(?6/(?45357/*5*050I(4*20-6?,358(

?00*00@*650I(?6/(365*2*05(36B*65-23*0(?6/(,*?26(5-(1-@4*5*65,8(?/@36305*2(5) *@(5-(36/3B3/7?,0(. 35)(?6/(

. 35) -75/30?+3,353*0A(F4*13?(*@4)?030(30(E3B*6(5-(1-760*,36E/*1303-6=@?K36EI(?6/(52*?5@*65(4,?6636E(?0(

. *,,(?0(@*?07236E(42-E2?@(*99*153B*6*00A(F57/*650(?2*(3652-/71*/(5-(1-@@-6,8(70*/(42-E2?@(/

/*B*, -4@*65(?6/(?B?,7?53-6(@*5) -/0h(2*,3?+3,358(?6/(B?,3/358h(*5) 31?,(05?6/?2/0/9-2/*B*, -4@*65(?6/(

70?E*h(5*05(1-60527153-6h(?6/(365*242*5?53-6A(#V?@4,*0(-9(1-720*(42-k*150'(G*03E636E(?42-E2?@9-2(?0

04*13931(@*65?,) *?,5)(6**/(36(5) *(1-@@76358(?6/(42-4-036E(*B?,7?53-6(@*5) -/0h/*B*, -436E(

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(#\N=> ` ; A(MN*O732*/I(P2*B3-700A(
(
"E^#9J&" <247083+4,02'40''7, >, 2-. '^314,+* ((6#''7*8,41(
) 30(1-720*(30(/*03E6*/(5-(*V4, -2*(123@*I(350(1-65*V5I(?6/(*04*13?, ,8(350(1?70*0A(! (9-76/?53-6(. 3,,(+*(
42-B3/*/(1-61*2636E(5) *(+?031(1-61*450(-9(123@*I(,?. I(?6/(123@36-, -E8A(F-13-, -E31?,(5) * -23*0(-9(123@*(
1?70?53-6(. 3,,(+*(*V4, -2*/A(D23@*(584-, -E3*0(. 3,,(+*(*V?@36*/A(! 55*653-6(. 3,,(? ,0-(+*(/32*15*/(?5(5) *(
365*20*153-6(-9(123@*I(2?1*I(E*6/*2I(?6/(1,?00A(
"?K*(F&D=L; LA(MN*O732*/I(P2*B3-700A(
(
"E^#66&" T7351'-28'(0+, -.: 0., +K((6#''7*8,41

!""#\$"%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?=?,
53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"E^#@G&" <24*721H,)';2''7,>,2-.'^314,+*(9#@''7*8,41(
F57/*650(?2*(4,?1*/(36?(074*2B30*/(*V4*23*61*(36?(123@36?,(R70531*(93*,/(?11-2/36E(5-(5)*32(1?2**2(
(

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(

"(/#6J\$" (0;4F-7*'P25,2**7,25((6#"7*8,41(

")30(1-720*(. 3,,(9-170(-6(?44,31?53-6(-9(0-95. ?2*(/*B*, -4@*65(1-61*450(5-(?,?2E*(42-E2?@@@36E(42-R*15A(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

"(/#@I &" (*2,07'(*>,2-7""0>)34*7'(+,*2+*((9#"7*8,41("")30(1-720*(*V4,-2*0(?+-?2/(2?6E*(-9(4*204*153B*0(-6(5) *(2-,*(-9(1-@475*2(013*61*(?6/(5*1)6-,-E8(36(0-13*58A(r7*053-60(-9*(5)310I(9?326*00I(?6/(5*1)6-,-E8(?11*00(?2*(/301700*/A(! / /353-6?,8I(*@*2E36E(52*6/0(+*8-6/(5) *(01-4*(-9(?68(36/3B3/7?,(1-720*(?2*(1-B*2*/(5-(42*0*65(?) - ,30531(B3*. (-9(1-@475*2(013*61*(4?05I(42*0*65I(?6/(97572*A(! 55*6/?61*(?5(1-6B-1?53-60(30(2*0732*/A". -(2*135?53-6()-720(4*2(. **KA(%65*E2?5*0(5) *(E*6*2?,(* /71?53-6(5) *@*(?6/(2*?/36E0A(

(

"(/#@I \$" (*2,07'" -)1402*""0>)34*7'(+,*2+*((\$#"7*8,41("")30(1-720*(42-B3/*0(057/*650(. 35)(5) *(-44-2576358(5-(. -2K(-6(?@3/=03J*/(0-95. ?2*(42-R*15(-9(5) *(057/*650U(-. 6(1-61*453-6A(F57/*650(. 3, (42-4-0*I(/*03E6I(4,?6I(?6/(3@4, *@*65(?03E63931?65(0-95. ?2*(42-R*15(5) ?5(2*42*0*650(5) *(17,@36?53-6(-9(5) *32(1-@475*2(013*61*(1?2**2A(")30(1-720*(. 3,,(17,53B?5*(?6/(052*6E5) *6(42-6E3/

! ""#\$%&'()*+*,.- (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*/0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"XP#69J" " , = , 'P25,2**7,25'S-4*7,-.1((6#"7*8,41(
!(057/8(-9(5)*(-23E36I(6?572*I(4*29-2@?61*(?6/0*,*153-6(1235*23?(-9(B?23-70(+?031(@?5*23?,0(70*/(36(5)* (42?1531*(-9(13B3>(*6E36**236EA(")*0*(361,7/*(EE2*E?5*0I(1*?*65I(1-612*5*I(?6/(+357@36-70(@?5*23?,0A(#@4)?030(. 3,,(+*(4,?1*/(-6(05?6/?2/(@*5) -/0(-9(5*0536E(?6/(1)??2?15*23J?53-6(?0(2*,?5*/(5-5)* (@*1)?631?,(+*)?B3-2(-9(@?5*23?,0A(
"?K*(#\N=: : ZA(MN*0732*/I(P2*B3-700A(
(

"XP#69%" (473+437-. 'T*1,52'dW(4**.'-28'"02+7*4*((6#"7*8,41(
Y*)?B3-2(?6/(/*03E6(-9(2*369-21*/(1-612*5*(@*?*20(+?0*/(-6(7,53@?5*(052*6E5)A(Y*?@0(?6/(0,?+0(36(9,*V72*I(0)*?2(?6/(5-203-6I(/*B*, -4@*65(-9(2*369-21*?*65A(D-,7@60(. 35)(?V3?,(9-21*(4,70(+*6/36EI(0,*6/*26*00(*99*150(36(1-,7@60A(Y*)?B3-2(?6/(/*03E6(-9(05271572?,(05**,(@*?*20(?6/(05**,-92?@*(+73,/36E0I(361,7/36E(03@4,*(?6/(93V*/(1-66*153-60A(! %FD(04*13931?53-60h(*,?0531(5)* -28A(G*03E6(@*?*20(5-(2*0305(5*603-6I(1-@42*003-6I(+*6/36EI(5-203-6h(4,?5*(E32/*20I(1-@4-035*(+*?*@0A(
"?K*(D_#=<=: : aA(MN*0732*/I(P2*B3-700A(
(

"XP#66&" ! 2-.K1,1'0;'(473+437*1'U,4H'\-M((6#"7*8,41(
! 6?.8030(?6/(/*03E6(-9(05?531?,8(/*5*2@36?5*(?6/(36/*5*2@36?5*(05271572*0I(76/*2(05?531(-2(@-B36E(-?/0I(7036E(1,?0031?,(@*5) -/0A(#073,3+237@I(052*00=052?36(2*,?53-60I(?6/(1-@4?53+3,358A(
"?K*(#\N=: : A(MN*0732*/I(P2*B3-700A(
(

"XP#669" NK87-3.,+1'U,4H'\-M((6#"7*8,41(
T,73/(42-4*253*0h()8/2-05?5310h(K36*?*5310(?6/(/86?*310(-9(9,73/9,-. 0h(1-60*2B?53-6(-9(@?00I(*6*2E8I(?6/(@-@*657@h(9,-. 0(36(434*0(?6/(-4*6(1)?66*,0A(T-2@?,(?+-2?5-28(*V4*23@*650(1-B*2(+?031(1-61*450(36(?6?,8030(-9(*V4*23@*65?,(/?5?(?6/(@*5) -/0(36())8/2?7,31(@*?*072*?*650A!(B?23*58(-9(03@4,*(?+-2?5-28(*V4*23@*650(3,,7052?536E(5)*(4236134,*0(-9())8/2?7,310(?2*(4*29-2@*/A(
"?K*(#\N=<ZSA(MN*0732*/I(P2*B3-700A(
(

"XP#66%

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @ 31(8*?2A(! ,, (2*?, =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
*6E36**236E(K6-. , * /E*(-+5?36* / (36(5) * (*6E36**236E(1722317,7@A(") * (1-603/ * 2?53-6(-9(5) * (*5)31?, (?6/(
0-13?, (3@4,31?53-60(-9(5*1) 6-, -E8(?6/(5) * (+?031(1-61* 450(-9(+7036*00(?2*(?, 0-(?04*150(-9(5) * (1-720*A(#?1)(
057/*65(/ * 03E6(5*?@ (30*V4*15* / (5-(42*0*65(369-2@?53-6(2*, ?5* / (5-(5) * 32(42-R*15(36(+ -5)(. 2355*6(?6/(-2?, (

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
P" P#

!""#\$%&\$'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
PTQ#\$I&\'' ''7,4,+-.>(*7=,+*\''*-72,25'<'\-M((#''7*8,41(
D23531?,(F*2B31*(W*?2636E(W?+(
''?K*(#GC=L` ; A(MN*0732*/I(D-61722*650A(
(
PTQ#99\$'' PA)7*11,=*! 741(6#''7*8,41(
'')30(1-720*(1-603/*20(5)*(*V42*003B*(?250(=B307?,(?250I(/2?@?I(/?61*(?6/(@-B*@*65I(@7031I(5*1)6-, -E8I(
@*/3?I(4)8031?,(* /71?53-6I(?6/() *?,5)(?6/(6752353-6(=(36(2*,?53-6(5-5)*(%6/3?6?(! 1?/*@31(F5?6/?2/0I(5)*(
\$F! # (F5?6/?2/0(?6/5)* (1-65*65(?2*?0(-9,?6E7?E*(?250I(@?5)I(013*61*I(?6/(0-13?,(057/3*0A(
G*B*, -4@*65?,8(?442-423?5*(42?1531*0(36(?250(@*5) -/0(?6/(@?5*23?,0(?2*(42*0*65*/(?6/(/301700*/(. 35)(
?6(*@4)?030(-6(42-1*00(2?5)*2(5)?6(42-/715A(! 003E6@*650(@?8(361,7/*(. 23536E(?6/(42*0*6536E(
365*E2?5*/(?153B358(4,?60(5)?5(?2*/*B*, -4@*65?,8(?442-423?5*I(/*03E636E(?6(?250(?6/(1-65*65=2*,?5*/(
+7,,*536(+?-2/I(-+0*2B36E(?6/365*2B3*. 36E(?04*13?,0(5*?1)*2I(?6/(?55*6/36E(?6(?250=2*,?5*/*B*65A(
(
PTQ#99@'' : 7040+0.1';07'''.-11700>' [M1*7=-4,021((6#''7*8,41(
F57/*650(*?26(*99*153B*(1,?002--@(-+0*2B?53-6(?6/(*B?,7?53-6(42-5-1-,0(?6/5)*32(2*,?5*/5*2@36-, -E8(
7036E(B3/*-(2-76/0(423-2(5-(?157?,(93*,/(4,?1*@*650A('') *0*(5*1)6307*0(. 3,,(*6?+, *(057/*650(5-(52?609*2(
-+0*2B?53-6(0K3,,0(92-@(?B3/*-(4,?59-2@5-(?6(?157?,(1,?002--@(*6B32-6@*65(.) *2*(5)*8(. 3,,(1-6/715(
*99*153B*(1,?002--@(-+0*2B?53-60(?6/(*B?,7?53-60(36(-2/*2(5-(*6)?61*(5)*32(-. 6(?+3,358(5-(2*9,*15(?6/(
/*+23*9(-6(5)*32(4*29-2@?61*(?0(. *,(?(0(5)*(4*29-2@?61*(-9(5)-0*(-+0*2B*/A(
(
PTQ#99@\' : 7040+0.1';07'''.-11700>' [M1*7=-4,02'\-M((#''7*8,41(
P2-5-1-,0(9-2(D,?002--@(&+0*2B?53-60(W?+(
''?K*(#GC=: : >A(MN*0732*/I(D-61722*650A(
(
PTQ#9BB'' <247083+4,02'40'(+H00.1'-28'(O+, *4K'(O+, *4K((6#''7*8,41(
'')30(9-76/?53-6(1-720*(361,7/*0(4-. 35310(?6/()305-28(-9*/71?53-6I(@-/*26(4)3,-0-4)31?,(369,7*61*0I(
01) --,0(?0(-2E?63J?53-60I(05?6/?2/0(9-2(5*?1)36EI(* /71?53-6?*(?07358I(2-,*0(-9(5*?1)*20(36(01) --,0I(?6/(
*5)31?,(?6/(*E?,(3007*0A(
(
PTQ#9BB\' (8K'! M8W(+H00.1'-28'(O+, *4K((#''7*8,41(
F57/8(?+2-?/*V4*23*61*(9-2(057/*650(*62-,,*/(36(#GC=: SSA(
(
PTQ#9I &' ''7,4,+-.>(*7=,+*\''*-72,25'<<'E*1)021,M.*(4*F-781H,)((\$#''7*8,41(
T7572*(#/71?5-20(. 3,,(/301-B*2(5)*32(W#! G#NFX#P(2-,*(36(1?236E(9-2(-72(*6B32-6@*65I(+*E36636E(. 35)(
) *?,5)8I(0705?36?+,*(,3B36EA('')30(123531?,(0*2B31*(,*?2636E(. 3,,(9-170(-6(*6B32-6@*65?,(?6/() *?,5)(013*61*0A(
F57/*650(. 3,,()?B*(5)*(-44-2576358(5-(. -2K(. 35)(5)*(\$36?(^?0-6(P7,,3?@(#1-W?+(?6/5)* (N75)(W3,,8(
X*?,5)(#/71?53-6(D*65*2(5-(?11-@4,30)(K*8(E-?,0(?6/(3@4?15(5)*() *?,5)(-9(-1?,(8-75)A(
''?K*(#GC=L` ; A(MN*0732*/I(P2*B3-700A(
(
PTQ#9I &\'' ''7,4,+-.>(*7=,+*\''*-72,25'<<'\-M((#''7*8,41(
D23531?,(F*2B31*(W*?2636E(%(N*04A(F5*. ?2/0(W?+(
''?K*(#GC=: ` ; A(MN*0732*/I(D-61722*650A(
(
,

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

PTQ#6&J" (+, *2+*0;*-72,25((6#"7*8,41(#V?@36*0(5) *(4081) -, -E31?, (/3@*603-60(-9(5) *(*/71?53-6(42-1*001(1-6/353-60(76/*2(.)31), *?2636E(-11720I(*B?, 7?53-6(-9(, *?2636E(?6/(2*, ?5*/(5*?1) 36E(@*5) -/0A(! 6(*@4) ?030(. 3,, (+*(4, ?1*/(-6(2*0*?21)= +?0*/(42?1531*0(361, 7/36E(5) -0*(92-@5) *(%6053575*(9-2(#/71?53-6(F13*61*A(") 30(1-720*(0?53093*0(5) *(. 23536E(365*603B*(2*0732*@*65(9-2(5) *(@?R-2A(""?K*(#GC=: : >A(MN*0732*/I(P2*B3-700A(

(

PTQ#6&J\ " (+, *2+*0;*-72,25'\-M((#"7*8,41(F13*61*(-9(W*?2636E(W?+(""?K*(#GC=<; aA(MN*0732*/I(D-61722*650A(

(

PTQ#6\$@

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

!""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
PTQ#6I &" "7,4,+-.>(*7=,+** -72,25'<<<WE*+02+,,-4,02((6#"7*8,41(
T7572*(*/71?5-20(. 3,,(0865) *03J*(123531?,(0*2B31*(,*?2636E(*V4*23*61*0(?6/(5) *32(/**41(,?0536E(M4-,3531?,(?6/(
0-13*5?,Q(3@4?15A(F57/*650(. 3,,(+*(E3B*6(5) *(76307*(-44-2576358(5-(+*(@*65-2*/(+8(1-@@76358(*?/*20(
?6/(?153B3050(/7236E(5) 30(365*603B*(*V4*23*61*A(") 2-7E)(5) 30(123531?,(0*2B31*(,*?2636E(057/*650(. 3,,(+*E36(
5) *(42-1*00(-9(2*1-613,3?53-6I(B307?,3J36E(?,,(-9(5) *(4-003+3,353*0(9-2(1-65367*/(E2-. 5)I(?153-6(?6/(
,*?/*20)34(5)?5(. 3,,(/32*15,8(3@4?15(-72(\$?53-6U0(8-75)(?6/(E,-+?,(0-13*58A(
"?K*(#GC=: ` ; A(MN*0732*/I(P2*B3-700A(
(

PTQ#6I &" "7,4,+-.>(*7=,+** -72,25'<<<'\-M((#"7*8,41(
D23531?(F*2B31*(W*?2636E(%%QW?+(
"?K*(#GC=<` ; A(MN*0732*/I(D-61722*650A(
(

PTQ#@&&" S,11,02aN,1407K'O;'" -4H0.,+'(+H00.1

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
365*26(074*2B30-2(?6/(5)*(/32*153-6(-9(?C63B*20358(074*2B30-2A(")30(%65*260)34(/- *0(\$&'(97,93,,(5*?1)*2(
,31*6072*(2*0732*@*650A(%65*260)34(9**2*0732*/A(\2?/*/(FHCA(
"?K*(#GC=>`LA(MN*0732*/I(D-61722*650A(
(
PTQ#@%&" ()*+,-./0),+1',2'P83+-4,02((6#"7*8,41(
F*,*15*/(5-4310(?442-B*/(+8(5)*(#/71?5-2f0(D-,,*E*A(F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(:;:: (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
PTQ#@I &" (*2,07'(*>,2-7Y""7,4,+-. '(*7=,+**-72,25""-)1402*Y': *-+*'-28'^314,+*((6#"7*8,41(
T7572*(*/71?5-20(+*1-@*(,*?/*20(?6/(?153B3050(36(5)30(1?405-6*(1-720*A(F57/*650(. 3,,(. -2K(. 35)(,-1?,(
1-@@76358(*?/*20(5-3/*65398(?04*13931(6**/I(4,?6(?6/3@4,*@*65(?42-R*15(. 35)(?/32*15(3@4?15(-6(5)*(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
PTQ#B&B'' "H,.8'T* = *.0) > *24' -28' [M1*7 = -4,02((6#''7*8,41(
")30(1-720*(36B-,B*0(9-76/?53-6?,(1-720*. -2K(?6/(-+0*2B?53-6(36(?01) --,(0*5536EA(")30(1-720*(V?@36*0(1)3,/2*6U0(?6/(?/-,*01*650U(4) 8031?,I(1-E6353B*I,(?6E7?E*(?6/(,35*2?181(0-13?,I(*@-53-6?,I(?6/(@-2?,(/*B*,-4@*65A(F*,9=1-61*451(3/*65358(?6/(@-53B?53-6I(?6/(V1*453-6?,358(?2*?0(?0-(?//2*00*/A(") *@*0(-9(/3B*20358(?6/(. -2K36E(. 35)(4?2*650(?2*(?,0-(. -B*6(5)2-7E) -75(5)30(1-720*A(") *(-+0*2B?53-6(4-253-6(-9(5) *(1-720*(*@4) ?03J*0(. ?80(-9(-+0*2B36E1(2*1-2/36E1(?6/(?6?,8J36E(1)3,/2*6U0(+*) ?B3-2(?6/(/*B*,-4@*65(36(2*,?53-6(5-(4,?6636E(?6/(3@4,*@*6536E(/*B*,-4@*65?,8(442-423?5*(1722317,7@A(

(
PTQ#B\$&'' "H,.8'T* = *.0) > *24((9#''7*8,41(
")30(1-720*(V?@36*0(1)3,/2*60(4) 8031?,I(1-E6353B*I,(?6E7?E*(?6/(,35*2?181(0-13?,I(*@-53-6?,I(?6/(@-2?,(/*B*,-4@*65(92-@(+325)(5)2-7E)(?E*(3E)5A(D)3,/2*6U0(0*,9=1-61*451(3/*65358(?6/(@-53B?53-6I(?6/(V1*453-6?,358(?2*(?,0-(?//2*00*/A(d -2K36E(. 35)(4?2*650(?6/(3007*0(-9(/3B*20358(?2*(?,0-(. -B*6(365-(5) *(1-720*A(

(
PTQ#B\$6'' (438K'0;'e0325''H,.8'/H70355H' [M1*7 = ,25!' 28'E*+078,25((6#''7*8,41(
")30(1-720*(*@4) ?03J*0(. ?80(-9(-+0*2B36E1(2*1-2/36E1(?6/(?6?,8J36E(1)3,/2*6U0(+*) ?B3-2(?6/(/*B*,-4@*65(36(2*,?53-6(5-(4,?6636E(?6/(3@4,*@*6536E(/*B*,-4@*65?,8(442-423?5*(1722317,7@36(1,?002--@0A(

(
PTQ#B\$@'' (*+028'\-253-5*\''-72,25((9#

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
6E?E@*65I(@?5*23?,0(?6/(2*0-721*0I(?6/(?00*0036E(057/*650(?2*(5-4310(5) ?5(?2*(361,7/*/A((D?6/3/?5*0(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?6/(05?5*(9-2*3E6(,?6E7?E*(05?6/?2/0(2*,?5*/(5-(1-@@7631?53-6I(17,572*0I(1-@4?230-60I(1-66*153-60I(

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?,+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
361,7/*'(/?/7,5(,*?2636E(5) * -28(?6/(4236134, *01(05?6/?2/0=+?0*/(5*?1) 36E(42?1531*01(4-259-,3-(42-/7153-6(
?6/(2*B3*. I(+*E36636E(5*?1) *2(?00*00@*65I(?6/(1) ??15*2305310(-9(b5*?1) *2(?0(2*9, *153B*(42?15353-6*2Ac(
D2*/350(9-2(5) 30(1-720*(@?8(+*(?44,3*/(5-. ?2/(,31*60*(2*6*. ?, (5) 2-7E)(42-9*003-6?, (E2-. 5) (4,?60A(
(
PTQ#B@\$" \,253,14,+1';07'/*-+H*7'0;'P25.,1H((6#"7*8,41(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
PTQ#BI &" ".-11700>'E*1*-7+H'<((9#"7*8,41(
")30(93205(4?25(-9(?5. -=1-720*(0*07*61*(5*?1)*0(5)*(976/?@*65?,0(-9(1,?002--@=+?0*/(2*0*?21)A(
(
PTQ#BI \$" ".-11700>'E*1*-7+H'<<

!""#\$%&\$("\$) * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

PLE#99\$'' P25,2**7,25'S*+H-2,+1W'(4-4,+1(6#''7*8,41(T76/?@*65?,(1-61*450(-9(@*1)?6310I(9-21*(0805*@0(?6/(1-74,*0I(92***(+ -/8(/3?E2?@0I(?6/(*073,3+237@(-9(4?2531,*0(?6/(23E3/(+ -/3*0A(G30523+75*/(9-21*0h(1*652-3/0(?6/(1*65*20(-9(E2?B358(-9(,36*0I(?2*?0I(?6/(B-,7*0A(F*1-6/(@-@*65(-9(?2*?I(B-,7*0I(?6/(@?00*0A(P236134?,(?V*0(?6/(4236134?,(@-@*650(-9(36*253?A(T23153-6(?6/(5) * (? . 0(-9/(28(923153-6A(! 44,31?53-6(5-(05271572*0(?6/(@?1)36*(* , * @*650I(071) (?0(+?20I(+*?@0I(52700*0I(?6/(923153-6(/*B31*0A(

(

PLE#999'' TK2->,+1((6#''7*8,41(m36*@?5310(-9(4?2531,*0(36(2*153,36*?2(?6/(172B3,36*?2(@-53-6A(m36*5310(-9(4?2531,*0I(\$* . 5-6f0(0*1-6/(? . I(*6*2E8I(?6/(@-@*657@(@*5) -/0A(F805*@0(-9(4?2531,*0I(K36*@?5310(?6/(4,?6*(@-53-6(-9(23E3/(+ -/3*0I(9-21*0(?6/(?11* , *2?53-60I(*6*2E8(?6/(@-@*657@(@*5) -/0A(m36*5310I(*07?53-60(-9(@-53-60I(*6*2E8(?6/(@ -@*657@(@*5) -/0(9-2(23E3/(+ -/3*0(36(5)2**=/3@*603-6?,(@-53-6A(! 44,31?53-6(5-(42-R*153,*0I(E82-01-4*0I(@?1)36*(* , * @*650I(?6/(-5) *2(*6E36**236E(0805*@0A(""?K*(#\N=: : LA(MN*0732*/I(P2*B3-700A(

(

PLE#99G'' S*+H-2,+1'O;'S-4*7,-.1((6#''7*8,41(C6/*205?6/36E(5) *(+?031(K6-. ,*/E*(-9(5) *(+*)?B3-2(-9(B?23-70(* ,?0531(@* @+*20(76/*2(/399*2*65(584*0(-9(, -/?/36EI(42*4?2*(057/*650(5-(4*29-2@(+?031(*V4*23@*65?,(?6?,8030(2*,?536E(5-(5) *(5) * -2*531?,(4?25(-9(5) *(1-720*(36(?0*4?2?5*(,?+A(

(

!""#\$%&\$'(")*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
. -2K(*V4*23*61*(5) *8(1-@4, *5*(/7236E(?0*@*05*2A(") 30(1-720*(@?8(+*(5?K*6(@7,534, *(53@*0(9-2(?6(
?117@7,?53-6(-9(<() -720(5-5?,A(
(
PLE#@%&' () *+, -. '/0), +1', 2'P25, 2**7, 25((6#" 7*8, 41(

!""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"?K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(

(
PRL#9&6" U7,4,25'(438,*1((6#"7*8,41(
F72B*80(5) *-23*0I(2*0*?21)I(?6/(K6-. ,*/E*(5)?5(369-2@(?60. *20(5-(5)*(07*053-6I(d)?5(/- *0(35(@*?6(5-(
. 235*e(F57/*650(*V?@36*(?007@453-60(5)*8)?B*(?+-75(?6E7?E*1(. 2355*6(*V42*003-6I(?6/(. 23536E(?+3,358A(
F57/*650(?44,8(5)2*0)-,/(1-61*450(36(. 23536E(057/3*0(36(?936?,(42-R*15A(
"?K*(#\$\=LL: (-2(#\$\=LLSA(MN*0732*/I(P2*B3-700A(

(
PRL#9&@" <247083+4,02'40''7*-4,=*'L*27*1((6#"7*8,41(
Y?031(4236134,*0(?6/(42?1531*(36(3@?E36?53B*(. 23536Eh(/*B*,-4@*65(-9(1235*23?(9-2(R7/E36E(?2530531(
1-@4-0353-60A(
"?K*(#\$\=LL: (-2(#\$\=LLSA(MN*0732*/I(P2*B3-700A(

(
PRL#9&%"

!""#\$"%&\$'(")*(+*,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(#\$\=LL:A(MN*0732*/I(P2*B3-700A(
(
PRL

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
1-720*(0**K0(5-(-+73,/(6?22?53B*(1-@4*5*61*I(?0(42-B3/*/(5)2-7E),(35*2?28(123531?,(5) * -28I(?0(?(@*?60(-9(
/*B*,-436E(?6(*5)31?,(?6/*@4?5)31(B3*. (-9(5)*)7@?6(*V4*23*61*(-9(3,,6*00(?6/())*?5)1?2*A(
"?K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(
(

PRL#69@" \,253,14,+': 7,2'O;'4H*'P25.,1H'\-253-5*((6#"7*8,41(
!(057/8(-9(1-65*@4-2?28(,36E730531(5) * -23*0(-6(5) *(6?572*(?6/(0-13?,(?04*150(-9,(?6E7?E*I(361,7/36E(350(
1-@4-6*650I(?10730353-6I(?6/(42-1*0036EA(%61,7/*0)305-231?,(?6/(1-65*@4-2?28(072B*8(-9(#6E,30)(
,?6E7?E*(?6/(E2?@?@?2A(
"?K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(
(

PRL#69G" U7,4,25',2'4H*'(+, *2+*1((6#"7*8,41(
F57/*650(,*?26(5) *(1-6B*653-60(-9(. 23536E(013*61*(2*,?5*/(@?5*23?,(9-2(E*6*2?,(?6/(04*13931(((?7/3*61*0A(
")30(1-720*(1-@+36*0(@7,53=@-/?,(?6/(5*V5=+?0*/(42?1531*0I(0-(5) ?5(057/*650(42?1531*(7036E(B307?,0(?6/(
E2?4)310(*99*153B*,8(. 35)(6?22?53B*(?6/(?6?,8531?,(. 23536E(5-(1-@@7631?5*(5) *(05-23*0(-9(013*653931(
?1)3*B* @*65(?6/(4-003+3,358(. 35)36(5) *(01) -, ?2,8(?6/(47+,31(2*?,@A(
"?K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(
(

PRL#66&" (H-D*1) *-7*((6#"7*8,41(
F57/8(-9(2*42*0*65?53B*(F)?K*04*?2*?6(1-@*/3*0I(52?E*/3*0I(?6/())305-23*0h(1-603/*2?53-6(-9())305-231?,(
?6/(),35*2?28(+?1KE2-76/A(D2-00=,305*/(?0("X#=<<SA(
"?K*(#\$\=LL: (-2(#\$\=LLSA(MN*0732*/I(P2*B3-700A(
(

PRL#6@&" U07.8'\,4*7-437*',2'/7-21.-4,02(6#"7*8,41(
!(123531?,(057/8(-9(5) *(,35*2?572*(-9(?0*,*15*/(17,572*(-5) *2(5) ?6(\$-25) (! @*231?6(-2(#72-4*?6A(\$?53-6?,(
?6/H-2(*5)631(9-170(-9(5) *(1-720*(1)?6E*0(. 35)Tm460046300309Tm00-1019Tm/T/TTq0. 240001. 92cmBT4600461531. 27461247. 6

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
PRL#6G&" <24*721H,) ', 2'P25., 1H((\$#G""7*8,41(
! 6(?442-B*/(365*260)34(-2(. -2K(*V4*23*61*(2*,?5*/(5-(42-9*003-6?, (. 23536EA(\2?/*(4-365(-9(<AS(36(#6E,30)(
?6/(?442-B?, (-9(/*4?25@*65(?2*(2*0732*/A(D-720*(@?8(+*(2*4*?5*/(-61*A(! (@?V3@7@(-9(5)2** (12*/35(
) -720(@?8(?44,8(5-. ?2/(5) *(@?R-2A(\2?/*/(FHCA(
"?K*(Z: (12*/350A(MN*0732*/I(P2*B3-700A(
(
PRL#6GG" ! >*7,+ -2'<28,-2?',. >'O'\,4*7-437*((6#""7*8,41(
F57/*650(*V4,-2*(5) *(231)(05-285* ,,36E(52?/353-6(42*0*2B*/(36(! @*231?6(%6/3?6(-2?,I(B307?,I((?6/(@?5*23?,(
,35*2?572*0(92-@(?613*65(53@*0(5-(5) *(42*0*65(/?8A(d)3,*(+*1-@36E(@-2*(9?@3,3?2(. 35)(\$?53B*(! @*231?6(
?6/(%6/3E*6-70(F57/3*0I(057/*650(*61-765*2(?2?6E*(-9(\$?53B*(01) -,?20)34(?6/(,35*2?28(. -2K0I(7,53@?5*,8(
*V4?6/36E(5) *32(/*936353-6(-9(u,35*2?572*u((?6/(2*/*93636E(5) *32(76/*205?6/36E(-9(\$?53B*(42-/7153-60(
5-/?8A(
"?K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(
(
PRL#6GJ" R*F'S*8,-'U7,4,25((6#""7*8,41(
F** (D& ^=<ZaA(
"?K*(#\$\=LL: (-2(#\$\=

!""#\$%&\$'()*+*,.- (/ *0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(

PRL#\&\$" P25.,1H""0>)01,4,02"\-M((#""7*8,41(
")30(1-720*(30(/*03E6*/5-(0744-25(5)*(. -2K(-9(#\$\=L; L(. 235*20(+8(42-B3/36E(36/3B3/7?,3J*/(360527153-6(
5?3,-2*/5-(5)*(. 235*2f0(04*13931(6**/0A(") *(575-23?,(360527153-6(30(6-5(/*03E6*/(9-2(057/*650(. 35)(. *?K(
@*1)?631?,(0K3,,0A(d)3,*5)*(*@4)?030(. 3,,/399*2(92-@(. 235*2(5-(. 235*2I(74-6(1-@4,*536E(5)30(1-720*I(
057/*650(. 3,,(K6-. ()-. (5-'(LQ(052*6E5)*6(?6/(/*@-6052?5*(123531?,(5)36K36E(?6/(2*?/36E(0K3,,0(6*1*00?28(
5-(0711**/(?5(1-,,*E*=?,*B*,(. 23536Eh(?6/(: Q(/*B*, -4(05271572*0(5)?5(?,,-. (9-2(5)*(1-@4,*V(52*?5@*65(-9(
3/*?0A(9(4,?1*@*65(5*0536E(36/31?5*0(2*E3052?53-6(36(#\$\=W; LI(5)*(057/*65(@705(0711*0097,,8(1-@4,*5*(5)*(
,?+()-72(. 35)(?E2?/*(-9(D(-2(+*55*2(36(-2/*2(5-(4?00(#\$\=L; LA(
"?K*(#\=\$\=L; LA(MN*0732*/I(D-61722*650A(
(
(

PRL#\9&" U7,4,25'/3407,-.((\$

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
PRX#\$J6\" (+, !'P2=,702 > 24! 'O' (O+#'P2*75K'\-M((\$#'7*8,41(
0** (FD%#La<WA(
"?K* (#\$_=La; A(MN*1-@@*6/* / I(D-61722*650A(
(
PRX#9%&' () * +, -. / 0) , +1, 2'P2=,702 > *24-. '(+, *2+*((\$#6''7*8,41

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

P((#9@B'' /H*07K'O;') **8'-28! 4H.*4,+ 'T*=' .0) >*24((6#''7*8,41(

'')*(057/8(-9(5) *(4236134,*0(?6/(@*5) -/-, -E3*0(5-(*6) ?61*(04**/(?6/(?5), *531(4*29-2@?61*A(#@4) ?030(-6(

5) *(1-61*450(-9(4*23-/3J?53-6(-9(52?3636E(?0(35(2*, ?5*0(5-(42*0*?0-61(1-@4*5353B*(0*?0-61(?6/(-99=0*?0-6(

E-?,0A(" -4310(361,7/*(?6?5-@31?,(?6/(4) 803-, -E31?,(9-76/?53-60(-9(04**/(/*B*, -4@*651(*B?,7?53-6(?6/(

?00*00@*65(42-5-1-,0I(*V*2130*(5*1) 6307*0I(?6/(0?9*58A(

''?K*(#FF=L: ; A(MN*0732*/I(P2*B3-700A(

(

P((#9B&'' L703)'?42*11! +4,=,4, *1((6#''7*8,41(

'')30(1-720*(30(/*03E6*/(5-(42-B3/(057/*650(. 35)(?6(-B*2B3*. (-9(5) *(*/71?53-6?,(1-61*450I(5*1) 6307*0I(

!""#\$%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(,3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
P((#6@\$" PA*7+,1*': 1K+HO.05K((6#"7*8,41(

F***(PFI=<>LA(
"?K*(PFI=L; L(-2(PFI=: ; A(MN*0732*/I(P2*B3-700A(

(
P((#6@9" ".,2,+-.! 1)*+41'O;'R347,4,02'-28'U*..2*((6#"7*8,41(
D,3631?,(?44,31?53-6(-9(K6-. ,*/E*I(OK3,,I(?6/(?55357/*(5-(42-B3/*) *?,5)(42-@-53-6(?6/(/30*?0*(42*B*653-6(
9-2(36/3B3/7?,0I(9?@3,3*0I(?6/(1-@@76353*0(36(B?23-70(0*5536E0A(%6(?//353-6(5-(5)* (1,?002--@(?153B353*0I(
057/*650(. 3,,(+*(2*0732*/(5-(1-@4, *5*(>S(-720(36(1,3631?,I(.) *2*(5)*8(. 3,,() ?B*(42?1531?,(*V4*23*61*(36(
5)* (42-@-53-6(-9(6752353-6(?6/(. *,,6*00A(

"?K*(#FF=<<ZA(MN*0732*/I(P2*B3-700A(]"?K*(PYX=: ; LA(MN*0732*/I(P2*B3-700A(]"?K*(#FF=: S: A(MN*0732*/I(
P2*B3-700A(

(
P((#6@9\" ".,2,+-.! 1)*+7'O;'R347'O'U*..'\-M((#""7*8,41(

D,3631?,(! 04*1A(-9(\$752(p(d*,,(
"?K*(#FF=<>: A(MN*0732*/I(D-61722*650A(

(
P((#6B&" "O-+H,25'-28': *7102-./7-,2,25((

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1?/* @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
P((#6B6" ()074': HK1,0.05K((@#"7*8,41(
")30(1-720*(30(?072B*8(-9(F4-25(P)803-, -E8(?0(35(2*, ?5*0(5-(9356*001(4*29-2@?61*(?6/() *?,5)A(" -4310(361,7/*(
6*72-@7017,?2I(@*5?+-,31I(1?2/3-B?017,?2I(47,@-6?28I(?6/(@7017,?2(2*04-60*0(5-(V*2130*I(5) *(@*5) -/0(
9-2(3@42-B36E(*V*2130*(4*29-2@?61*(?6/(04*13?,(1-603/*2?53-60(5) ?5(?2*(04*13931(5-(5) *(013*61*(-9(04-25(
4)803-, -E8A(D-720*. -2K(. 3,,(9-170(-6(?44,31?53-6(-9(K6-. ,*/E*(365-(42?1531?,(0K3,,0/*03E6*/(5-(3@42-B*(
4*29-2@?61*(?6/() *?,5)(*6)?61*@*65A(
(
P((#6B6\" ()074': HK1,0.05K'\-M((#\"7*8,41(
F4-25(P)803-, -E8(W?+(
\"?K*(#FF=<S<A(MN*0732*/I(D-61722T41Tf(#)Tj ETQq0. 24000. 2401(I)T46-0. 0015Tc460046300-113TmT. 0015?61*@*65A

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*? , =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
P((#6JB\" (+, *24,, +': 7,2+,) . *1'0; '(47*254H' -28''028,4,02,25'\ -M((\$#''7*8,41(
#FF=<aS(, ?+A(
''?K*(#FF=<S: (#FF=<S: WA(MN*0732* / I(P2*B3-700A() (''K*(#FF=<aS(-2(#FF=SS; A(MN*0732* / I(P2*B3-70(-2(
1-61722*650A(
(
P((#6%&' () *+, -.' / 0) , +1', 2'P11((\$#6''7*8,41(
!(04*13?, (5-431(? / / 2*0036E(? (1722*65(365*2*05(-2(07+R*15(36(04-25(@?6?E* @*65(-2() *?, 5)(?6/(4) 8031?, (

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
P((#@B'' ".,2,+-.! 1) * +41'O;'PA*7+,1*': HK1,O.05K((6#''7*8,41(
%6(5)30(1-720*I(057/*650(. 3,,(+*(V4-0*/(5-(5) *(2-, *(-9(*V*2130*(?6/*V*2130*(42*0123453-6(36(1,3631?,(
0*5536E0A(%6(. 3,,(361,7/*I(+75(6-5(+*(,3@35*/(5-I(?04*150(-9(1?2/3-B?017,?2(976153-6I(47,@-6?28(976153-6I(
?6/(1*652?,(3007*0(071)(?0(1-652-,(-9(+,-,-/(42*0072*(?6/(?E36EA(
"?K*(#FF=L: ; A(MN*0732*/I(P2*B3-700A()("?K*(#FF=<S: (#FF=<aS(-2(#FF=<S<A(MN*0732*/I(P2*B3-70(-2(
1-61722*650A()("?K*(Y%&=: : Z(-2(Y%&=<<>A(MN*1-@@*6/* /I(P2*B3-700A(
(
P((#@J&'' R347,4,02-. 'C,O+H* >,147K((6#''7*8,41(
%6(5)30(1-720*I(057/*650(. 3,,(+*(V4-0*/(5-(5) *(+3-1) * @30528(-9(6752353-6A(F57/*650(. 3,,(/*B*,-4(?6(
76/*205?6/36E(-9(5) *(?+0-2453-6I(@*5?+-,30@I(?6/(+3-1) * @31?,(2-, *0(-9(@?12-67523*650I(@312-67523*650I(
B35?@360I(?6/(@36*2?,0A(D2-00=W305*/(?0(Y%&=>a; A(
"?K*(DX#=<; SA(MN*0732*/I(P2*B3-700A()("?K*(Y%&=: ; >(-2(#FF=L: ; A(MN*0732*/I(P2*B3-700A()("?K*(DX#=<; ZA(
MN*1-@@*6/* /I(P2*B3-70(-2(1-61722*650A()("?K*(Y%&=<L; (-2(Y%&=<LLA(MN*1-@@*6/* /I(P2*B3-70(-2(
1-61722*650A()("?K*(#FF=<S: (-2(#FF=><>A(MN*1-@@*6/* /I(P2*B3-70(
(
P((#@JB'' ! 8=-2+*8'(47*254H'-28''028,4,02,25((6#''7*8,41(
%6(5)30(1-720*I(057/*650(. 3,,(+*(V4-0*/(5-(?/B?61*/(1-61*450(-9(052*6E5)(?6/(1-6/353-636EA(") *(E-?,(30(
5-(42*4?2*(057/*650(5-(?44,8(5) *0*(1-61*450(5-(42-E2?@(?6?,8030(?6/5) *6(5-5) *(1-60527153-6(-9(
*99*153B*(42-E2?@0A(
"?K*(#FF=L: ; A(MN*0732*/I(P2*B3-700A()("?K*(Y%&=: : Z(-2(Y%&=<<>A(MN*0732*/I(P2*B3-700A()("?K*(#FF=<S: (-2(
#FF=><>A(MN*0732*/I(P2*B3-700A()("?K*(#FF=<aSA(MN*1-@@*6/* /I(P2*B3-70(-2(1-61722*650A(
(
P((#@%&''' () * +,-.' / 0) ,+1',2'PA*7+,1*'(+, *2+*((\$#6''7*8,41(
! (04*13?,(5-431(?//2*0036E(?1722*65(365*2*05(-2(07+R*15(36(*V*2130*(-2(04-25(013*61*A(^?8(+*(-99*2*/(9-2(
-6*(5-5)2** (12*/350A(^?8(+*(2*4*?5*/(39(1-65*65(B?23*0A(((F** (1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3* . *

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
P((#@I%" E*1*-7+H': 70c*+4((\$#6""7*8,41(
C6/*2(5) *(E73/?61*(-9(?9?17,58(@*65-2I(*?1)(057/*65(. 3,,(4?253134?5*(36(?2*?,=. -2,/(2*0**?21)(42-R*15(
2*,?5*/(5-(?5(*?05(-6*(?04*15(-9(5) *(?1?/*@31(42-E2?@A(") 30(1?6(+*(?6(36/3B3/7?,(42-R*15(-2(4?25(-9(?
,?2E*2(42-R*15(1-66*15*/(5-(-6*(-9(-72(*V5*26?,(4?256*20A(! 5(5) *(*6/(-9(*?1)(0*@*05*21(5) *(057/*65(. 3,,(

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*([C63B*20358\(D?5?, -E\(-9\(D-720*0\(?6/\(F*153-60\(&99*236E0A\(](#)
(
P((#B@@'' (* >, 2-7', 2''' .., 2,+-.'PA*7+, 1*': HK1, 0.05K((6#''7*8, 41(
''?K*(#FF=>LL(-2(#FF=

! ""#\$"%&\$'(") * (+ *, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(#FF=>LL(-2(#FF=SLLA(MN*O732*/I(P2*B3-700A()("?K*(Y%&=<<<>(-2(#FF=S: >A(MN*O732*/I(P2*B3-700A()("?K*(
#FF=S>SA(MN*O732*/I(P2*B3-700A()("?K*(#FF=SS; A(MN*O732*/I(P2*B3-700A(
(
P((#BI \$" "P: 'PA-> ': 7*)': 7*1*24-4,02((\$#"7*8,41(
(

!""#\$%&\$'(")*(+*,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?*,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?<R#6\$&\$" S-2-5*7,-.'?,2-2+*((6#"7*8,41(
T-170*0(-6(5)*(936?613?,(976153-636E(-9(+7036*00(*65*24230*0A(" -4310(1-B*2*/(361,7/*(-2E?63J?53-6?,(9-2@0I(5)*(936?613?,(@?2K*54,?1*1(5)*(365*26?53-6?,(936?613?,(@?2K*54,?1*1(2?53-(?6?,8030I(53@*(B?,7*(-9(@-6*8I(5)*(230KH2*5726(52?/*-99I(93V*/=361-@*(0*172353*0I(1-@@-6(05-1K(0*172353*0I(?6/(1?435?,(+7/E*536EA(T36?613?,(1?,17,?5-20(?6/(1?0*0(?2*(753,3J*/A(")30(1-720*(30(-6,8(-99*2*/(36(5)*(^! P(42-E2?@A(")?K*(! DD=: L; (-2(! DD=: S; A(MN*O732*/I(P2*B3-700A(
(
?<R#6\$&\$" ! 8=-2+*8""07)07-4*?*,2-2+*((6

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*? , =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3, ?+, *(36(5) * (, 3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?EP#\$&\$" <247083+4,02'40'?7*2+H'<((6#"7*8,41(
F57/*650(. 3,,(3/*65398(0-13?, (?6/(17,572?, (6-2@0(36(5) *(T2?61-4) -6*(. -2,/(?6/(1-@4?2*(5) *@ (5-(5) *32(
-. 6(17,572?, (42?1531*0A(") *8(. 3,,(? , 0-(, *?26(5-(?0K(?6/(?60. *2(03@4, *(07*053-60(?6/(. 235*(?6/(365*242*5(
03@4, *(5*V50(-6(*B*28/?8(5-4310(36(5) *(42*0*65(5*60*A(") 30(1-720*(30(1-6/715*/(36(T2*61)A(
"?K*(TN#=L; LP(W! \$ \=\$"(-2(TN#=\$"A(MN*0732*/I(P2*B3-700A(
(
?EP#\$&9" <247083+4,02'40'?7*2+H'<((6#"7*8,41(
(

!""#\$"%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; ; <=: >(1?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*([C63B*20358\(D?5?, -E\(-9\(D-720*0\(?6/\(F*153-60\(&99*236E0A\(](#)
(
L` <; f0(5-(5) *(42*0*65(4?25317,?2,8(5)-0*(.)31)(2*42*0*65(5)*(@?05*2(. -2K0(-9(93,@@?K*20I(/32*15-20(?6/(?15-20A(")2-7E)(2*?/36E(93,@0(5)*(1,?00(. 3,,(/*5*2@36*()- . (12?951(5*1)6307*I(013*61*(?6/(3@?E36?53-6(@*0)(36(?2530531(12*?53-6A(D,?00(30(5?7E)5(36(T2*61)A(
"?K*(TN#=: ; L(-2(TN#=-

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

!""#\$%&\$'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((5-4310(?2*(?442-B*/(+8(5)*(?/B30-2(36(*2@?6(?6/(5)*(G32*15-2(-9(F57/8(! +2-?/(?5(5)*53@*(-9(?44,31?53-6A(" -4310(B?28(92-@(-6*(0*@*05*2(5-(5)*(6*V5(5-(?,,-. (057/*650(5-(5?K*(5)*(1-720*(@-2*(5)?6(-61*A((F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A((LPE#6\$&" U7,44*2'''0>>32,+ -4,02',2'L*7>-2((6#'''7*8,41(N*B3*. (-9(5)*(*00*653?0(-9(*2@?6(E2?@@?2(. 35)(?44,31?53-6(5-(1-@4-0353-6A(")*(1-720*(30(/*03E6*/(5-()*,4(057/*650(. 235*(03@4,*0-13?(1-22*04-6/*61*1(5?K*(6-5*01(. 235*(1-) *03B*(07@@?23*0(?6/(2*07@*01(?0(*,,(?0(6?22?53B*0(?6/(/*0123453-60(-9(?9?157?,(6?572*A(D-720*(5?7E)5(36(*2@?6A("?K*(\#N=: ; ; (\#N=: ; L(-2(\#N=! G_A(MN*0732*/I(P2*B3-700A((LPE#6\$B" N,1407K'O;'L*7>-2''',=.,V-4,02((6#'''7*8,41(!6(3652-/715-28(057/8(-9(5)*(*2@?6(4*-4,*h(*1572*01(2*?/36E0(?6/(/3017003-60(-6(5)*32(E*-E2?4)31?,I(4-3531?,I)305-231?,I(0-13?,(6/(?2530531(/*B*,-4@*65A("?K*(\#N=: ; ; (\#N=: ; L(-2(\#N=! G_A(MN*0732*/I(P2*B3-700A((LPE#6\$J" L*7>-2Kh1'''0..*+4,=*'S*>07K',2'\,4Y'?.,>' -28'S*>07,-.1((6#'''7*8,41(*2@?680(1-@4,*V(?6/(1?5?052-4)31()305-28()?)0(@?/*35(?1-76528(5)?5(2*9,*150(/**4,8(-6(350(-. 6(4?05(?6/)-. (5)30(4?05()?)0)?)4*/(350(0*60*(-9(1-.,*153B*(6?53-6?,(3/*65358A(%6(5)30(1-720*I(. *(. 3,,(*V?@36*()-. (@*@-28(30(b1-6052715*/c(?6/().)?5(584*0(-9(@*@-28(*V305'(423B?5*(BOA(1-.,*153B*(?6/5)*6(1-@@7631?53B*(BOA(17,572?,A(d*/301700(*2@?6(.35*2?572*1(93,@0(?6/(@*@-23?,0(?+-75(5)*(@?R-2()305-231?,(*B*650(36(*2@?68(/7236E(5)*(: ; 5)(1*65728A(#6E,30)(30(5)*(?6E7?E*(-9(360527153-6A(F57/*650(5?K36E(5)*(1-720*(?0(\#N=<La(. 3,,(/-5)*(2*?/36E0(?6/(?003E6@*650(36(*2@?6A(T-2(057/*650(2*E305*2*/(76/*2(W! D=<La1(2*?/36E0(?6/(?003E6@*650(2*(36(#6E,30)A(D-720*(/3017003-60(?2*(36(#6E,30)A(D2-00=,305*/(?0(W! D

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
LPE#6B6'' L*7>-2'' ,2*>-W-' '*2437K',2'S04,02((6#''7*8,41(
%652-/7153-6(5-(\ *2@?6(D36* @?(?3@0(5-(42-B3/*(057/*650(. 35)(? (+?031(76/*205?6/36E(-9(5) *)()305-28(-9(
\ *2@?6(93,@(?6/(136* @?(92-@(350(*?2,8(+*E36636E0(?5(5) *)*6/(-9(5) *(L`5)(1*65728(5-5) *(42*0*65A(d)3,*(
057/836E(2*42*0*65?53B*(93,@0(92-@5) *) (\ *2@?6(52?/353-6(057/*650(. 3,,(*V4,-2*(3007*0(2*,?5*/(5-(93,@(?0(?6(
?2530531(@*/37@(.)31)() ?0() ?/(?42-9-76/(3@4?15(-6(\ *2@?68f0(17,572*A(d)*(. 3,,(*V4,-2*(: ; 5)(?6/(: L05(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
L\(#\$&9" L.OM-. 'P2+0324*71((6#"7*8,41(
")30(30(?0*1-6/=0*@*05*21(93205=8*?2(1-720*(5) ?5(. 3,,(9-170(-6(?04*13931(-1?53-6(?6/(5-431(2*,?5*/(5-(
E,-+?,(057/3*0A(G7236E(F4236E(Y2*?K1(057/*650(. 3,,(52?B*(,5-E*5) *2(-6(?9?17,58=,*/(5234(5-(5) *(/*0536?53-6(
8-7())?B*(+**6(057/836E(?+-75A(d)3,*5) *(, -1?53-60(?6/(5-4310(B?28I(*?1)(0*153-6(. 3,,(1-B*2(9-72(5) *@*0'(
\,-+?,3J?53-6(?6/(350(1-60*07*61*0h(5) *(1-61*450(-9(3/*653581(0*,9(?6/(f5) *(-5) *2fh(%@4*23?,30@I(
1-, -63?,30@(?6/(/3?04-2?h(?6/(5) *(5)310(-9(52?B*,A(T-2(N31) ?2/\A(W7E?2(T*,,-. 0I(52?B*(,1-050(?2*(361,7/*/(
36(8-72(01) -,?20)34A(F57/*650(@705())?B*(4*2@3003-6(92-@5) *(36052715-2(5-(2*E305*2(9-2(5)30(1-720*(?6/(+*(
36(4-00*003-6(-9(?B?,3/(4?004-25(?5(53@*(-9(2*E3052?53-6A(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
1,?002--@I(?6/5) *(, *?2636E(*V4*23*61*(. 3,, (17, @36?5*(. 35) (4?253134?53-6(?0/*, *E?5*0(2*42*0*6536E(5) ?5(
1-76528(?5(?@7,53=/?8(^ -/*, (CA\$A(1-69*2*61*) * , /36(?@?R-2(CAFA(1358(M1353*0(?6/(2*E3-6?, (1-69*2*61*0(
@?8(B?280A(") 30(1-720*(30(-4*6(5-(?, , (@?R-20(?6/() ?0(6-(42*2*073035*0A(#6) ?61* @*65(1-720*0I(071) (?0(\WF(
: ` ; I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35) (?(@?V3@7@(-9(L: (12*/350(*?26*/5-. ?2/(?+?1) * , -2/*E2**(-2(03V(
12*/350(5-. ?2/(?6(?00-13?5*/ *E2**A(
(
L\(#6&\$" L.OM-. 'P25,2**7,25((6#" 7*8,41(
F**(#\N(<; LA(
(
L\(#6&B" L.OM-. ': *71) ', 2'P2=,702 > *24-. '(+, *2+*((6#" 7*8,41(
) 30(1-720*(1-B*20(1722*/TT21Tf(I) I(*) 6E6-1(3) 1. 3

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
L\(#6@J" <24*7+3.437-.! 74((6#"7*8,41(
F**(! NX(<>aA(
"?K*(XC ^=: L; A(MN*0732*/I(P2*B3-700A(
(
L\(#6B&" N3> -2,4-7,-2\05,14,+1((6#"7*8,41(
F** (WF ^(<S; A(
"?K*(WF ^=: >; A(MN*0732*/I(P2*B3-700A(
(
L\(#6BJ" P-14*72'E*. ,5,021((6#"7*8,41(
F** ("XW(<SaA

! ""#\$%&'()*+*,-. (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*/0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
L\(#6GJ" "7011#"3.437-.' : 1K+HO.05K((6#"7*8,41(
F***(PFi=<ZaA(
(
L\(#6G%" ! >*7,+ -2'<28,-2'?,.>'O'\,4*7-437*((6#"7*8,41(
F***(#\$\(<ZZA(
"K*(#\$\=LL: A(MN*0732*/I(P2*B3-700A(
(
L\(#6J&" P#\05,14,+1((6#"7*8,41(
F***(WF ^(<a; A(
"K*(WF ^=: >; A(MN*0732*/I(P2*B3-700A(
(
L\(#6JB" L.OM-.'' ,2* >-((6#"7*8,41(
)30(1-720*(. 35)*(V?@36*(52*6/0(36(365*26?53-6?,(136*@?(92-@(350(361*453-6(5)2-7E)(5)*(5. *653*5)(
1*65728(. 35)(?4?25317,?2(*@4)?030(-6(5)*(/*43153-6(-9()7@?6(/3E36358A(")*(1-720*(. 3,,(@**5(5. 31*(?
. **K(9-2(5. -(?6/(?)?,9()-720(=)?,9(-9(.)31)(. 3,,(+*(70*/(9-2(012**636E(5)*932,@I(?6/5)*(-5)*2)?,9(
/*B-5*/(5-(*1572*(?6/(/3017003-6A(")*(1,?00(. 3,,(+*E36(. 35)*2@?6(03,*65(136*@?/?6/361,7/*93,@0(92-@(
T2?61*I(%?8I(F4?36I(G*6@?2KI(F. */*6I(P-,?6/I(%/3?I(D)36?I(q?4?6(?6/(%2?6A(D2-00=.305*/(?0(#\$\= <aSA(
(
L\(#6JJ" L.OM-. 'N*-.4H'<113*1'-28'<24*7=*24,021((6#"7*8,41(
F***(F&D=<aaA(
"K*(\WF=L; L(-2(F&D=L; LA(MN*0732*/I(P2*B3-700A(
(
L\(#6%&" L.OM-. '(438,*1'(*>,2-7((6#"7*8,41(
D-720*(361,7/*0(2*?/36E0I(/3017003-6I(2*0*?21)I(?6/(. 23536E(-6(0*,*15*/(5-4310(?6/5)*@*0(92-@(?(
4?25317,?2(?1?/*@31(/30134,36*A(")*(1-720*(@?8(+*(12-00=.305*/(. 35)(?04-60-236E/*4?25@*65A(F**(
1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(
@?23?6A*/7H2*E3052?2A(
(
L\(#6%9" S*8,-'P4H,+1'-28'\-F((6#"7*8,41(
F***(D& ^(<[: A(
(
L\(#@&G" L.OM-. 'U0>*2h1'S0=* >*24((6#"7*8,41(
F***(X%F(>; ZA(
(
L\(#@&I"

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* [C63B*20358\(D?5?, -E\(-9\(D-720*0\(?6/\(F*153-60\(&99*236E0A\(](#)
(
(
L\(#@96" /H*0.05, *1'?70>'4H*'S-75,2': -1407-.'" -7*'O'(), 7,43-.!' ++0>)-2, > *24((6#"7*8,41(
F**("XW(>: <A(
"?K*("XW=: : Z(-2("XW=

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
2*,?53-6(5-(-5) *2(0-13?, (1-60527150(,3K*(2?1*(?6/(1,?00h(?6/(5) *(1-60*07*61*0(-9(E*6/*2(1-60527153-6(36(
5*2@0(-9(, *E353@336E(4-. *2(?6/(12*?536E(?6/(4*24*57?536E(36*07?,358A(%6(5) 30(1-720*1(057/*650(. 3,,(
V?@36(5) *(3@4,31?53-60(-9(E*6/*2(1-60527150(?0(5) *

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
5-(1-@4?2?53B*(5) *@*0I(5) *(057/8(-9(1?70?, (2*, ?53-60) 340(?6/(4?55*260(-9(1)?6E*(?6/(1-65367358(-B*2(
53@*h(?6/5) *(0-13?, (03E63931?61*(-9(*5) 631358I(E*6/*2I(2?1*1(?6/(1, ?00(36() 305-231?, (*B*650(?6/(057/8A(
(
N<(#9\$&" <28, -2-'N, 1407K((6#"7*8, 41(
") 30(1-720*(30(?072B*8(-9(5) *(0-13?, 1(4-, 3531?, 1(?6/(1-6-@31() 305-28(-9(5) *(05?5*(-9(%6/3?6?A%(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
N<(#9%&" () *+, -. /0) ,+1', 2'N, 1407K((\$#6''7*8,41(
N*?/36E0I(/3017003-6I(?6/(. 23536E(-6(0*, *15*/(5-4310A(F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?6?,80*0I(?6/(B?23-70(584*0(-9(423@?28(?6/(0*1-6/?28(0-721*0A(C036E(B?23-70(1?0*(057/3*0(92-@(?2-76/(
5) *(. -2,/I(. *(. 3,,(*V?@36*(5) *(. ?80(36(.)31)(E*6/*2I(6?53-6?,358I(17,572*I(?6/(-5) *2(/399*2*61*0() ?B*(
3@4?15*/(. -@*6f0(,3B*0I(?0(. *,,(?0(?6?,8J*(5) *(B?23*/(. ?80(36(.)31)(4-. *2(?6/(0-13?,(1-652-,(+ -5)(
12*?5*(?6/(1-@4,31?5*(5) *(42-1*00(-9(4-,3531?,(?153B30@A(")2-7E) -75(5) *(1-720*I(5) *(-+R*153B*(. 3,,(+*(5-(

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
N<(#%&" () *+, -. /0), +1', 2'N, 1407K((\$#6'''7*8,41(
N*?/36E0I(/3017003-6I(?6/(. 23536E(-6(0*, *15*/(5-4310A(F** (1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(: ; : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
N<(#@I I " <28*) *28*24'(438K((6#'''7*8,41(
\\73/*/(2*?/36E0(?6/(2*0*?21)A(
(
N[R#6@&" L7*-4'COOD1'T, 1+311,02((\$#6'''7*8,41(
X-6-20(P2-E2?@(057/*650(?2*/32*15*/(36(5) *(1,-0*(2*?/36E(-9(?036E, *(5*V5(.) -0*(03E63931?61*(@?K*(35(
43B-5?, (36(5) *()) 305-28(-9(3/*?0(?6/(17,572*A(^?8(+*(2*4*?5*/A(
(
N[R#6%&" NO2071': 7057->'() *+, -. /0), +1(\$#6'''7*8,41(
X-6-2(P2-E2?@(057/*650(?2*/32*15*/(36(5) *(2*?/36E0I(/3017003-6I(?6/(. 23536E(-6(0*, *15*/(5-4310A(F**(
(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(

N: P#\$&%'' COF.,25((\$#''7*8,41(
#6)?61* @*65(1-720*0I(071)(?0(XP#(L; [I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L: (12*/350(
?26/5-. ?2/(? (+?1) *, -2(/*E2**(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*(/*E2**A(
(

N: P#\$&I'' XO..*KM-..((\$#''7*8,41(
#6)?61* @*65(1-720*0I(071)(?0(XP#(L; `I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L: (12*/350(
?26/5-. ?2/(? (+?1) *, -2(/*E2**(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*(/*E2**A(
(

N: P#\$\$\$'' C-1D*4M-..((\$#''7*8,41(
#6)?61* @*65(1-720*0I(071)(?0(XP#(LLLLI(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L: (12*/350(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
N: P#\$61 " <247083+4,02'40'()074'S-2-5* >*24((6#'

!""#\$%&\$'(")*+*,.-. (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"?K*(XP#=L: [A(MN*O732*/I(P2*B3-700A(

(
N: P#\$G&" / * - >'()0741((6#"7*8,41(

!(057/8(-9(27,*0I(0K3,,0I(052?5*E8(?6/(0*,9-5*0536E(2*,?536E(5-(5*?@(04-250A(")* (057/*65(2*1*3B*0(360527153-6(36(5*?1)36E(5*1)6307*0(36(B-,,*8+?,I(0-95+?,,I(0-11*2I(5-71)(?6/(9,?E(9--5+?,,I(+?0K*5+?,,I(?6/(-5)*2(5*?@(04-250A(

(
N: P#99%" S0=* >*24'-28'EHK4H>,+'! +4,=,4,*1((9#"7*8,41(

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*/(*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
N: P#9GI " : HK1,+-. '! +4,=,4, *1';07'4H*'P. * > *24-7K'L7-8*1((6#"7*8,41(
")30(1-720*(30(/*03E6*/(5-(361-24-275*(4) 8031?, (?153B353*0(?6/(E?@*0(365-(5) *(, *@*65?28(4) 8031?, (
/71?53-6(1,?002--@A(#@4) ?030(. 3,, (+(-6(?153B353*0(-9(4,?8I(E?@*0I(,39*53@*(9356*00I(
4,?8E2-76/HE8@6?037@(42-1*/72*0(?6/(*00-6(4,?6636EA(") 30(1-720*(2*0732*0(5) *(057/*65(5- (+*36(?6(
*, *@*65?28(1,?002--@(?(@363@7@(-9(<: () -720(4*2(0* @*05*2A(
(
N: P#6@@ " "O-+H,25'O;'C-1D*4M-..((9#"7*8,41(
T76/?@*65?,0(-9(-99*603B*(?6/(/*9*603B*(5*1) 6307*0(?2*(057/3*/A(") 30(1-720*(?6?,8J*0(052?5*E3*0I(
-2E?63J?53-6(42-1*/72*0I(E?@*(42*4?2?53-6I(1-?1) 36E(4236134, *0I(?6/(?5), *5*() *?5)(?6/(0?9*58A(
(
N: P#6@B " "O-+H,25'O;'?004M-..((9#"7*8,41(
T76/?@*65?,0(-9(-99*603B*(?6/(/*9*603B*(5*1) 6307*0(?2*(057/3*/A(") 30(1-720*(?6?,8J*0(052?5*E3*0I(
-2E?63J?53-6(42-1*/72*0I(42*4?2?53-6I(1-?1) 36E(4236134, *0I(?6/(?5), *5*() *?5)(?6/(0?9*58A(
(
N: P#6@G " "O-+H,25'O;'C-1*M-..' -28'(O;4M-..((9#"7*8,41(
**1) 6307*0I(5) * -23*0I(?6/(4236134, *0(-9(1-?1) 36E(+?0*+?, ,(?6/(0-95+?, ,h(-99*603B*(?6/(/*9*603B*(
976/?@*65?,0(+8(4-0353-6h(27, *0I(-2E?63J?53-6?, (?6/(52?3636E(@*5) -/0(?6/(?5), *5*() *?5)(?6/(0?9*58A(
(
N: P#6@J " "O-+H,25'O;'//7-+D'-28'?, *.8((9#"7*8,41(
**1) 6307*0I(5) * -23*0I(?6/(4236134, *0(-9(1-?1) 36E(52?1K(?6/(93*, /(*B*650h(976/?@*65?,0(9-2(*?1)(*B*65I(
27, *0I(-2E?63J?53-6?, (?6/(52?3636E(@*5) -/0(?6/(?5), *5*() *?5)(?6/(0?9*58A(
(
N: P#

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
1-61*45(-9(X-, 30531(X*?,5) (5) 2-7E) (@7,534, *(/30134,36?28(4*204*153B*0(?6/(?44,3*/(,*?2636E(@-/?353*0A(
")30(1-720*(4?253?, ,8(0?53093*0(5) *("2?609-2@?53-6?,(q-726*8(P2-E2?@(1722317,7@(05?6/?2/0(9-2(X*?,5) (?6/(
d *, ,=Y*36E(
(
<R/#\$&&" <2;07> -4,02'/*+H20.05K'?328> *24-.1'<9#"7*8,41(
")30(1-720*(3652-/71*0(5) *(057/*65(5-(5*2@36-, -E8I(1-61*450I(5) * -28I(?6/(976/?@*65?,(0K3,,0(70*/(5-(
3@4, *@*65(369-2@?53-6(0805*@0(?6/(976153-60(36(?(. 3/*(B?23*58(-9(?44,31?53-60(92-@(0@?,(5-(*65*24230*(
-2E?63J?53-60A(" -4310(361,7/*(5) *) 305-28(-9(?6/(52*6/0(36(1-@47536EI(-4*2?536E(0805*@0I(/?5?+?0*(
5*1) 6-, -E8I(0*172358I(1,-7/(3@4, *@*65?53-60(?6/(-5) *2(1-61*450(?00-13?5*/(. 35)(?44,836E(5) *(4236134, *0(
-9(E--/(369-2@?53-6(@?6?E*@*65(5-(5) *(-2E?63J?53-6A(F57/*650(. 3,,(?44,8(5*1) 631?,(. 23536E(?6/(*99*153B*(
42*0*65?53-6(0K3,0(5) 2-7E) (1-@4, *536E(?2*0*?21) (42-R*15A(
(
<R/#\$&&" </'(*7=,+*""*24*7'P11*24,-.1((9#"7*8,41(
(

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/*@-6052?5*(1-720*(-+R*153B*0(5)2-7E)(5)*(?442-423?5*(1*253931?53-6(*V?@0(42*4?2?53-6(@?5*23?,0(?6/(1-@4,*53-6(-9(5)*(?442-423?5*(1*253931?53-6(*V?@0(?5(5)*(*6/(-9(5)*(1-720*A(")*(9**9-2(5)*(1*253931?53-6(*V?@0(30(?00*00*/(74-6(*62-,,@*65(36(5)*(1-720*A(
(
\! /#\$&\$" \-4,2'<((6#"7*8,41(
F57/*650(. 3,,(+*E36(52?3636E(5-(2*?/(W?536(5)2-7E)(3@@*203-6(36(?6/(365*242*5?53-6(-9(05-23*01(*6231)*/(+8(?7/3-(?6/(B3/*-(0744,*@*6501(1-@42*)*603+,*(. 2355*6(?6/(04-K*6(W?5361(?6/(17,572?,(*V4,-2?53-6(?153B353*0A(")*2*f0(6-5)36E(5-(@@-23J*1(E2?@@?2(30(*V4,?36*/(. 35)36(5)*(1-65*V5(-9(-72(05-23*01(?6/(*B*285)36E(30(-4*6(+--K1(-4*6(6-5*A(")30(1-720*(?44,3*0(+*05=42?1531*(@*5)-/0(360432*/(+8(?6E7?E*(?10730353-6(2*0*?21)(5-(42-B3/*(?04?1*(5-(1-@@7631?5*(36(5)*(?6E7?E*(+-5)(36(?6/(+*8-6/(1,?00A(")?K*(W! "=L; LP(W! "=\$"(-2(W! \$ \=

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
42*4?2*(5)*@(9-2(5)*(6*V5(1-720*(36(5)*0*07*61*I(?0(. *,,(?0(E?36(?6(76/*205?6/36E(-9(12*/ *653?,36EI(5)*(
PDD#(?6/(P! D#(*V?@0I(5)*(1722*65(?6/(42-R*15*/(/* @?6/0(36(5)*(36/70528I(?6/()- . (5-(+*1-@*(36B-,B*/(
36(-1?,(-2E?63J?53-60(?6/(6*5. -2K36E(-44-2576353*0(5-(E?36(?6(* /E*(36(365*260)34(4,?1*@*65(?6/(
*@4,-8@*65A(")30(1-720*(30(-99*2*/(-6,8(36(5)*(^! P(42-E2?@A(
(
\! U#9\$B" *5-.'E*1*-7+H((6#"7*8,41(
")30(1-720*(30(/#03E6*/(5-(3652-/71*(5)*057/*65(5-(B?23-70(*E?,(2*0*?21)(5*1)6307*0(?6/(/?5?+?0*0(?6/(
E?36(*V4-072*(5-(9*/ *2?,(?6/(05?5*(1?0*(,?. I(05?575*0(?6/(2*E7,?53-60A(")*(057/6*5(. 3,,(*?26()- . (5-(936/(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3, ?+, * (36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
\! U#9G9" *5-. '\, -M,, 4KW / 0741'; 07'4H*': -7-. *5-. ((6

! ""#\$%&'()*+*,.- (/ *0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*/ *0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
\TE#J@6" N*34-505K((6#"7*8,41(
%6(5)30(1-720*(D?6/3/?5*0())?B*(+ -5)(5) *(92**/ -@(?6/(0744-25(5-(36B*053E?5*(, *?/*20)34(92-@(?(
4*204*153B*(-9(5) *32(-. 6(1) --036EA(") *8(. 3,,(/23B*(5) *(, *?2636E(?6/ / *5*2@36*(5) *(?442-423?5*(-751-@*(
9-2(5) *32(36B*053E?53-6(.)3, *(5) *(1-720*(9?13,35?5-2(M? ?17,58(@* @+ *20(. 3,,(0*2B*(?0(?2*0-721*I(E73/*I(?6/(
0744-25(0805* @A(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
\TE#JB&" /7-21;07> -4,02'-28'* -8,25""H-25*((6#"7*8,41(
"2?609-2@?53-6(?6/(W*?/36E(D) ?6E*(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
\TE#JB\$" *-8*71H,) "" ,7': 70; ,. ((\$#"7*8,41(
%6(-2/*2(5-(E2-. (-72(1?4?1358(5-(*V*2130*(, *?/*20)34I(35(30(3@4*2?53B*(5) ?5(. *(76/*205?6/() -. (. *(?2*(
0) -. 36E(74(36(-72(, *?/*20)34(2-, *A(") 30(1-720*(?//2*00*0(5)30(1) ?,, *6E*() *?/(-6I(*V4, -236E(07*053-60(
361,7/36E'(X-. (/-(%0) -. (74(36(5) *(0805* @e(d)31)(-9(@8(+*)?B3-20(?2*(42-/7153B*e(D-765*242-/7153B*e(
d) ?5(?2*(@8(+,36/(04-50e(d) *2*(?@(%E*6*2?536E/ *4*6/*618(2?5) *2(5) ?6(1?4?1358e(d) *2*(?6/() -. (. 3,,(
%9-170(@8(-. 6/*B*, -4@*65? ,(*6*2E8(5- (+*(@-05(E*6*2?53B*(9-2(@8(E2-. 5)e(%6(5)30(1-720*I(5)30(
/*B*, -4@*65(30(*V4, -2*/(+8(, *B*2?E36E(?(<Z; (G*E2** (T**/+?1K(42-1*00(M") *(W*?/*20)34(D321, *(P2-93, *(<Z; (
G*E2** (T**/+?1K(" --, 0I(1-@+36*/(. 35)(G*B*, -4@*65?, ?6/(F-@?531(#V*1753B*(D-?1)36EA(
(
\TE#JB6" "02; ,+4'S-2-5* >*24'-28'R*504, -4,02((6#"7*8,41(
F57/*650(?2*(36B35*/5-(+73, /(?/86?@31(2*, ?53-60)34(. 35)(1-69,315(?6/(1-69,315(2*0-, 753-6A((d) *6(?6/() -. (
@3E)5(*V*213036E(, *?/*20)34(2*0732*(70(5-(E*6*2?5*(1-69,315e((X-, /5) *(5*603-6e((T?13,35?5*(2*0-, 753-6e((
F57/*650(. 3,,(36B*053E?5*(1-69,315(5)2-7E)(5) *(, *60(-9(3/*65358(?6/5) *32(-. 6(2*?153-6(5-(1-69,315A(
! ,5*26?5*(G30475*(N*0-, 753-6(M! GNQ(@-/*, 0(?2*(?0-(*6E?E*/5)2-7E)(057/8(?6/(42?1531*A(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
\TE#JG\$" (O+,04*+H'(K14* >1'-28'! 8-)4,=*P24*7)7,1((6#"7*8,41(
")30(1-720*(. 3,,(3652-/71*(D?6/3/?5*0(5-5) *(1-61*450(-9(0-13-5*1)631?, (0805* @0I(?/?453B*(*65*24230*0I(
?6/ / *03E6(42-1*00*0A(%6(+2-?/*60(5) *(, *60(5- (?11-765(9-2(4-. *297, (0-13?, (?6/(5*1)6-, -E31?, (0805* @0(
?12-00(5) *(*6532*(04*1527@5) ?5(3@4?15(5) *(.) -. *(-9(?6(-2E?63J?53-6(?6/(350(976153-636EA(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
\TE#JG9" T*1,52'/H,2D,25((9#"7*8,41(
%6(5)30(1-720*(1?6/3/?5*0(/*B*, -4(, *?/*20)34(0K3, 0(5-(@-B*(92-@1-765*242-/7153B*(/ *93135(+?0*/(
42?1531*0(5-(4-. *297, (12*?53B*(42?1531*0A((D?6/3/?5*0(?2*(*V4-0*/5-(?6(-B*2B3*. (-9/ *03E6(5)36K36E(?6/(
E3B*6(5) *(-44-2576358(5-(*V4*23@*65(. 35)(K*8(07*053-60(?6/5-- ,0(36(-2/*2(5-(76/*205?6/(?6/(*@4, -8(
/*03E6(5)36K36E(42?1531*0(?0(?42-+, * @ (0-, B36E(?442-?1)A(
"?K*(WGN=aL; A(MN*O732*/I(P2*B3-700A(
(
.
.

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((\TE#JJ&" ?,-2+*' -28'E*1037+*'S-2-5*>*24((6#""7*8,41(d) *5)*2(9-2=42-935(-2(6-6=42-935I(*?1)(-2E?63J?53-6(4-00*00*0(?93635*(?@-765(-9(2*0-721*0(5-(976153-6A(")30(1-720*(. 3,,(1-B*2(5)*(+?0310(-9(+7036*00(936?61*(?6/5)*(@?6?E*@*65(-9(-2E?63J?53-6?,(2*0-721*0(?6/(361,7/*(+?031(?11-76536E(?6/(2*0-721*(423-2353J?53-6(?6/(?,, -1?53-6A((\TE#J%\$'' E*1*-7+H'S*4H081((6#""7*8,41(F57/*650(2*936*(5)*32(/-15-2?,(1-@4,*53-6(4,?6I(+*E36(?6?,8J36E(@7,534,*0-721*0(-9(369-2@?53-6(5)2-7E)(?(123531?,(,*60I(*V4,-2*(+?031(?442-?1)*0(5-(2*0*?21)I(?6/(05?25/*B*, -436E(?()3E)(,*B*,(92?@* . -2K(9-2(5)*32(1?405-6*(42-R*15A(""K*(WGN=a; LA(MN*O732*/I(P2*B3-700A((\TE#J%6'' `3-,4-4,=*'E*1*-7+H((6#""7*8,41(%652-/7153-6(5-(5)*-23*0(-9(07?,35?53B*(2*0*?21)I(5)*9-2@7,?53-6(-9(07?,35?53B*(2*0*?21)(07*053-60I(?6/(5)*2*0*?21)(?442-?1)*0(9-2(07?,35?53B*(2*0*?21)(071)(?0*5)6-E2?4)8I(1?0*(057/3*0I(\2-76/*/")*-28I(?6/(4)*6-@*6-, -E8A(""K*(WGN=a [LA(MN*O732*/I(P2*B3-700A((\TE#J%B'' `3-24,4-4,=*'E*1*-7+H((6#""7*8,41(")30(1-720*(. 3,,(?/*2*00(5)*976/?@*65?,(4236134,*0(-9(07?6535?53B*(2*0*?21)(361,7/36E(07?6535?53B*(2*0*?21)(07*053-60I(2*,3?+3,358(?6/(B?,3/358I(584*0(-9(B?23?+, *0I(*V4*23@*65?,(/*03E60(?6/)84-5)*030(/*B*, -4@*65A(""K*(WGN=a [LA(MN*O732*/I(P2*B3-700A((\TE#J%J'' (4-4,14,+1';07'E*1*-7+H((6#""7*8,41(D-B*236E(5)*(+?0310(-9(/*0123453B*(?6/(369*2*653?,(05?5305310(071)(?0(@*?072*0(-9(1*652?,(5*6/*618I(5="*050I(! \$&! I(D)3(F07?2*I(?6/(2*E2*003-6I(5)30(1,?00(42*4?2*0(057/*650(5-(?6?,8J*(5)*(/?5?(E?5)*2*/(92-@5)*32(365*2B*653-6(36(?@*?636E97,(. ?8A(""K*(WGN=a [SA(MN*O732*/I(P2*B3-700A((\TE#JI &'' "-)1402*':.-22,25'O'T*1,52((6#""7*8,41(F57/*650(. 3,,(2*0*?21)(+?1KE2-76/(369-2@?53-6(2*,?5*/(5-(5)*32(1)-0*6(1?405-6*(42-R*15(5-431I(/?3?E6-0*(5)*(. -2KI(1-603/*2(365*2B*653-60I(36B*053E?5*(@*5)-/-,-E3*0I(3/*65398(4-47,?53-60(?6/(0*5536E0I(?6/(1-@4,*5*(5)*2-7E)/2?95(-9(?42-R*15(42-4-0?,A(")30(1-720*(30(E2?*/(FHC(A ""K*(WGN=a [<A(MN*O732*/I(P2*B3-700A(]"?K*(WGN=a [SA(MN*O732*/I(P2*B3-700A((\TE#JI 6'' :70)01-. 'T*;*21*((9#""7*8,41(")*(P2-R*15(P2-4-0?(G*9*60*(30(?1-,,?+-2?53-6(+*5. **6(5)*057/*65(?6/5)*32(?/B30-2(36(.)31)(5)* (057/*65(936?.3J*0(5)*(+?1KE2-76/(369-2@?53-6I(/?3?E6-030I(?6/(4,?6(9-2(5)*365*2B*653-6(?6/(/*9*6/0(5)5(/-17@*65(?6/(4,?6(+*9-2*(5)*32(1-@@355*A(")30(1-720*(30(E2?*/(FHC(""K*(WGN=a `; A(MN*O732*/I(P2*B3-700A((\TE#JI B'' "-)1402*((6#""7*8,41(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
42*4?236E(9-2(350(/*9*60*H42*0*65?53-6A(%0(057/*650(6**/(?//353-6?,(0* @*05*20I(5) *8(@705(2* @?36(
1-65367-70,8(*62-,,*/(36(WGN(a`Z(7653,(5) *8(0711*0097,,8(1-@4,*5*(?6/(/*9*6/(5) *(1?405-6*(42-R*15A(")30(
1-720*(30(E2?/*/(FHCA(
"?K*(WGN=a` <A(MN*O732*/I(P2*B3-700A(
(
\TE#JIG" " -)1402*""024,23-4,02(#""7*8,41

! ""#\$%&\$('\$) * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1?/* @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"?K*(WF ^=: >; A(MN*0732*/I(P2*B3-700A(

(
\(S#6%&" () *+, -./0), +1', 2'\("S((6#"7*8,41(
F*, *15*/(5-4310(-9(365*2*05(36(W-E305310(?6/(F744,8(D) ?36(^?6?E*@*65A((F***(1-720*(0*153-6(1-@@*650(9-2(
/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
"?K*(WF ^=: >; A(MN*0732*/I(P2*B3-700A(

(
\(S#6I&" "024*>)07-7K'<113*1', 2'\("S((6#"7*8,41(
P2-B3/*0(057/*650(. 35)(*V4*23*653?, (*?2636E(-44-2576353*0(36(0-, B36E(2*, *B?65(-E305310(?6/(0744,8(1) ?36(
@?6?E*@*65(3007*0A(" -4310(9-170(-6(4*2536*65(?6/(2*1*65(057/3*0(. 35)36(B?23-70(36/70528(0*15-20A(
F57/*650/*B*, -4(0K3,0(?6/(K6-. , */E*(2*E?2/36E(1-65*@4-2?28(3007*0(36(-E305310(?6/(0744,8(1) ?36(
@?6?E*@*65A(
"?K*(WF ^=: >; A(MN*0732*/I(P2*B3-700A(

(
S! /#&I&" <247083+407K'!.5*M7-((6#"7*8,41(
!, E*+2?31(4236134, *0(?6/(42-1*/72*0(?2*(057/3*/A(C6/*205?6/36E(-9(1-61*450I(6-5(@* @-23J?53-6(-9(
@?6347, ?53B*(0K3,0I(30(*@4)?03J*/A(" ?+, *0(?6/(E2?4) 0(?2*(365*E2?5*/(5-(E3B*(67@*231?, (?6/(B307?, (
@*?636E(5-(?, E*+2?31(*V42*003-60A(G*B*, -4@*65?, (1-720*0I(071) (?0(^! "=: ; ; I(1-765(5-. ?2/(5) *(12*/350(
2*0732*/(9-2(/*E2***(1-@4, *53-6I(?6/(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35) (?(@?V3@7@(-9(L: (12*/350(*?26*/(
5-. ?2/(?+?1) *, -2(/*E2***(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*/(*E2**A(
"?K*(^! "=: ; ; PA(MN*0732*/I(P2*B3-700A(

(
S! /#&IB" <24*7>*8, -4*! .5*M7-((6#"7*8,41(
G*03E6*/(9-2(057/*650(6**/36E(?(@?5) *@?5310(1-720*(5-(?00305(5) *@@(36(5) *32(@?R-2(?2*?(-9(057/8I(071) (?0(
) *?5) (013*61*A(" -4310(0*, *15*/(361,7/*(,36*?2(*07?53-60I(E2?4) 36EI(42-4-253-6(?6/(B?23?53-6(?44,31?53-60I(
70*(-9(*V4-6*650A(G*B*, -4@*65?, (1-720*0I(071) (

!""#\$%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"?K*(^!"=LLSA(MN*0732*/I(D-61722*650A(
(

S!/#\$\$G" S-4H*>-4,+1';07'P.*>*24-7K'(+H00.'<</'-+H*71'<<(B#""7*8,41(
)30(30(5)*(0*1-6/(-9(?5. -0*#@*05*2(0*07*61*(-9(1-720*0/*03E6*/(5-(052*6E5)*6I(+2-?/*6I(?6/(*6231)(
5)*(057/*65U0(+?1KE2-76/(36(5)*(?2*?0(?00-13?5*/(. 35)(*,*#@*65?28(01)--,@(?5)*@?5310A(! 55*653-6(30(
E3B*6(5-(B?23-70(42-+,*@=0-,B36E(5*1)6307*0A(%(?//353-6(5-5)*5*V5I(-7503/*(2*?/36E0(92-@(-5)*2(
0-721*0I(*04*13?,8(""?1)36E(D)3,/2*6(^?5)*@?5310I(?2*(2*0732*/A(^?6347,?53B*0(?6/())?6/0=-6(
*V4*23*61*0(?2*(753,3J*/(5-(/*@-6052?5*(1-65*65A(" -4310(361,7/*/(?2*(42-+,*@=0-,B36EI(E*-@*528(-9(
0)?4*(?6/(03J*1(@*?072*#@*65I(92?153-60I(?6/(2*?,(67@+*20A(! (. **K,8,(?+(?,,-. 0(9-2(?//353-6?,(. -2K(. 35)(
@?6347,?53B*0I(057/*65(?44,31?53-6(-9(*?26*/(1-61*450I(?6/(?42?15317@(*V4*23*61*(36(?6(*,*@*65?28(
01)--,(9-2(?/@363@7@(-9(I()-720A(")*(057/*650(. 3,,(5*?1)(?(@363@7@(-9(-6*(,*00-6(36(5)*32(42?15317@(
0*5536EA(T-72()-720(-9,*1572*(?6/(5. -()-720(-9,(?+(4*2(. **KA(
"?K*(^!"=LLSA(MN*0732*/I(P2*B3-700A(
(

S!/#\$\$G\" S-4H*>-4,+1';07'P.*>*24-7K'/*-+H*71'<<'\-M((#""7*8,41(
^!"=LLZ(,+A(
(

S!/#\$6&" (4-4,14,+1',2'4H*""024*>)07-7K'U07.8

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) * (.3B*(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
S! /#6\$&" \,2*-7"! .5*M7-((6#"7*8,41(
F57/8(-9(^?523V(") *-28(36(1-66*153-6(. 35)(5) *(?,E*+2?(-9(0805*@0(-9(,36*?2(*07?53-60(?6/(5) *(E* -@*528(
-9(B*15-2(04?1*0A(%361,7/*0(/*5*2@36?65I(,36*?2(/*4*6/*61*1(+?030I(/3@*603-6I(,36*?2(52?609-2@?53-6I(
#3E*6(B?,7*0(?6/(#3E*6(B*15-20A(! 44,31?53-6(36(/399*2*65(93*,/0(. 3,,(+*(5) *(1*65*2(-9(5) 30(1-720*A(
(
S! /#6\$B" T,;;*7*24,-.'Pd3-4,021((6#"7*8,41(
F-,753-6(@*5) -/0(9-2(93205(-2/*2(*07?53-60I(3E) *2(-2/*2(,36*?2(*07?53-60(?6/(0805*@0(-9(,36*?2(
07?53-60h(?442-V3@?5(@*5) -/0(-9(0-,753-6I(?6/(?44,31?53-60A(
"?K*(^! "=<; SA(MN*0732*/I(P2*B3-700A(
(
S! /#699" (4-4,14,+-.!<2;*7*2+*'O'T-4-'! 2-.K1,1'<:(6#"7*8,41(
)*(1-720*(. 3,,(1-B*2(+?031(1-61*450(-9(/?5?(?6?,8030(?6/(05?530531?,(369*2*61*1(?44,3*/(5-(L=0?@4,*(?6/(:=(
0?@4,*(,-1?53-6(42-+, *@0'(1-693/*61*(365*2B?,0I()84-5) *030(5*0536EI(?6/(4=B?,7*0A(P2-+?+3,358(@-/*,0(?6/(
05?530531?,(@*5) -/0(. 3,,(+*(?44,3*/(5-(42?1531?,(0357?53-60(?6/(?157?,(/?5?(0*50(92-@(B?23-70(/30134,36*0A(
#, *@*65?28(05?530531?,(5) *-28I(361,7/36E(5) *(4,7E=36(4236134, *I(@?V3@7@,(3K*,3) --/I(?6/(5) *(@*5) -/(-9(
, *?05(007?2*0(. 3,,(?0-(+*(1-B*2*/A! (05?530531?,(1-@47536E(4?1K?E*(. 3,,(+*(70*/A(
"?K*(^! "=<

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

!""#\$%&\$'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

S!/#@#\$" !M147-+4!.5*M7-'<<((6#"7*8,41(

!(1-65367?53-6(-9(^!"=>>;A(

"?K*(^!"=>>;A(MN*0732*/I(P2*B3-700A(

(

S!/#@B&" E*-.!2-.K1,1((6#"7*8,41(

!(23E-2-70(3652-/7153-6(5-(5)*9-76/?53-60(-9(2*?,(?6?,8030'(2*?,(67@+*201(0*07*61*0I(,3@350I(1-65367358I(/399*2*653?53-6I(365*E2?53-6I(?6/(0*23*0A(")*(@4)7030(30(-6(*05?+,30)36E(?6/(1-22*,?536E(5)*(B?23-70(42-4*253*0(2?5)*2(5)?6(67@*231?,(42-+,*@(0-,B36EA(

"?K*(^!"=:S;A(MN*0732*/I(P2*B3-700A(

(

S!/#@G&" <2*721H,)','2'S-4H*>-4,+1((\$#6'''7*8,41(

")*(365*260)34(36(@?5)*@?5310(4*2@350(057/*650(5-(?*26(?1?/*@31(12*/35(9-2(-2K(5)?5/*?,0(.35)(5)*(@?5)*@?531?(,013*61*0(-2(42*4?2*0(5)*057/*65(9-2(E2?/7?5*(01)--,A(")*(365*260)34(30(/*03E6*/(5-(365*E2?5*(1,7002--@K6-. ,*/E*(.35)(42?1531?,(. -2K(*V4*23*61*(36(5)*(057/*65U0(1)-0*6(?2*?(-9(057/8A(F57/*650(?2*(?B?,7?5*/(+8(5)*32(-6=5)*R-+(074*2B30-2(?6/(@-635-236E(^!"(9?17,58(@*+*2A(F57/*650(?0-(42*0*65(+5)(? (. 2355*6(?6/(-2?,(07@@?53-6(-9(5)*32(*V4*23*61*A!(@363@7@(-9(9-72(-720(-9(?157?,(. -2K(*V4*23*61*(4*2(. **K(-2(Z;()-720(/7236E(5)*(0*05*2(30(2*0732*/(9-2(*?1)(12*/35(5-(+(*?26*/A(#62-,,@*65(36(5)*(1-720*(30(?22?6E*/(795*2(2*B3*. (?6/(?442-B?,(-9(5)*(42-4-0*/(365*260)34(+8(42-E2?@9?17,58A(")30(1-720*(@?8(+*(2*4*?5*/(9-2(?6(2117@7,?5*/(5-5?,(-9(03V(12*/350A(\2?/*/(FHCA(

(

S!/#@%&" ()*+,-./0),+1',2'S-4H*>-4,+1((\$#6'''7*8,41(

F4*13?(,5-4310(36(@?5)*@?5310(?0/***@/(6*1*00?28(+8(6**/0(-9(057/*650A(F**(-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(:;:::1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(

(

S!/#@I&" (*>,2-7((6#"7*8,41(

F4*13?(,5-4310(/*03E6*/(9-2(@?5)*@?5310(@?R-20(36(5)*(0*63-2(8*?2A(X305-231?,/*B*, -4@*650(36(@?5)*@?5310(?2*(057/3*/A(%65*22*,?53-60)340(+*5. **6(@?5)*@?5310(?6/(-5)*2(?2*?0(-9(057/8(?2*(?/?2*00*/A(%65*E2?5*0(5)*(E*6*2?,(*71?53-6(5)*@*(?6/(2*?/36E0A!55*6/?61*(?5(1-6B-1?53-60(2*0732*/A(")?K*(^>(12*/350A(MN*0732*/I(P2*B3-700A(

(

S!/#@II" <28*)*28*24'(438K((9#6'''7*8,41(

&453-60(361,7/*(5-4310(36(2*?,(?6?,8030(-2(E73/*/(2*?/36E0(?6/(2*0*?21)A(^?8(*62-,,(5. -(5-(5)2***(12*/350A(")?K*(Z:(12*/350A(MN*0732*/I(P2*B3-700A(

(

SPR#69&" TK2->,+'(K14*>1((6#"7*8,41(

G86?@31(+*)?B3-2(-9(@*1)?631?,(0805*@0'(@-/*,36EI(?6?,8030(5*1)6307*0I(?6/(?44,31?53-60h(B3+2?53-60(-9(036E,*=(?6/(@7,53/*E2**=(-9=

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2^9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
0-, 753-6(?6/(04*13?, (976153-60h(*3E*6B?, 7*(42-+, * @0I(\2**6f0(976153-60I(W?4, ?1*(52?609-2@0I(05?+3,358(-9(
0-, 753-60h(*6E36**236E(?44, 31?53-60(/2?. 6(92-@(@*1)?6310A(
"?K*(^! " =<LSA(MN*0732*/I(P2*B3-700A(J(" ?K*(#\N=<ZSA(MN*0732*/I(P2*B3-700A(
(
SPR#66J" T*1,52'0;'S*+H-2,1>1((6#"7*8,41(
")30(1-720*(. 3,,(3652-/71*(5) *(976/?@*65?,(4236134, *0(?6/(5) * -28(-9(5) *(K36*@?5310(?6/(/86?@310(-9(
@?1)36*28A(" -4310(361,7/*(K36*@?5310(976/?@*65?,0I(E2?4) 31?,(,36K?E*(F865) *030I(4-0353-6(?6?,8030I(
?6?,8531?,(,36K?E*(0865) *030I(B*, -1358(?6?,8030I(?11*, *2?53-6(?6?,8030I(1?@(/*03E6I(E*?2("2?360(?6/(
/86?@310(976/?@*65?,0A(
"?K*(#\N=: : : A(MN*0732*/I(P2*B3-700A(J(" ?K*(#\N=: <; A(MN*0732*/I(P2*B3-700A(
(
SPR#6G9" N*-4'/7-21;*7((6#"7*8,41(
")30(1-720*(. 3,,(3652-/71*(5) *(4236134?,(1-61*450(?6/(@*5) -/0(-9) *?5(?6/(@?00(52?609*2A(" -4310(361,7/*(
1-60*2B?53-6(,?. 0(?6/(2?5*(?07?53-60I(/399703-6(*07?53-6I(LG(?6/(: G(05*?/8(05?5*(1-6/7153-6I("2?603*65(
1-6/7153-6I(+ -76/?28(,?8*20(?6/(?6?, -E3*0I(1-6B*153-60I(365*26?,(?6/(*V5*26?,(9, -. I(?6/(976/?@*65?,(

! ""#\$%&\$'(") * (+ , -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
SL/#66&" :70c*+4'S-2-5*>*24((6#"7*8,41(
")*(93*/(-9(0805*@0(?6?,8030(30(*V4,-2*/(5)2-7E)(,*1572*0(?6/(?44,31?53-60(36(?6?,8030(?6/(/*03E6(
?153B353*0A(F57/*650(?2*(2*0732*/(5-(?6?,8J*(?6(*V30536E(+7036*00(?6/(/*03E6(3@42-B*/(42-1*/72*0I(9-2@0I(
?6/(@?6?E*23?,(4-,313*0(5-(*6)?61*(5)*(932@U0(-4*2?53-6?,(*99313*618A(
"?K*(L(1-720*0h(T2-@27,*(G! AF"! "FA(MN*0732*/I(P2*B3-700A(]"?K*(^"\":S;(-2(YCF=:; `A(MN*0732*/I(
P2*B3-700A(
(

SL/#669" ?7*2+H'C31,2*11""3.437*((6#"7*8,41(
F***(TN#=<<<;A(
"?K*(TN#=:;L(-2(TN#=! G_A(MN*0732*/I(P2*B3-700A(
(

SL/#666" L*7>-2'C31,2*11""3.437*((6#"7*8,41(
F***(\#N=<<<;A(
"?K*(\#N=:;L(-2(\#N=! G_A(MN*0732*/I(P2*B3-700A(
(

SL/#66@" C31,2*11""0>>32,+4,02',2'L.OM-.''024*A41'<((6#"7*8,41(
F***(FP! =<<<;A(
"?K*(FP! =:;L(-2(FP! =! G_A(MN*0732*/I(P2*B3-700A(
(

SL/#6B&" [)*7-4,021'S-2-5*>*24((6#"7*8,41(
(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*/(*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
3007*0I(423B?18(?6/(5) *(, *152-631(. -2K4, ?1*I(42*B*65?53B*(,?. (?6/(1-@4,3?61*(4- ,313*0I(? ,3*6(. -2K*20I(
?6/(5) *(T-2*3E6(D-22745(P2?1531*0(! 15A(
"?K*(L(1-720*0h(T2-@27, *(G! AF"! "FA(MN*O732*/I(P2*B3-700A(]"?K*(^ \ "=: S; A(MN*O732*/I(P2*B3-700A(]"?K*(
YCF=<; LA(MN*O732*/I(P2*B3-700A(
(

SL/#6G\$" /-. *24'S-2-5* >*24((6#"7*8,41(
!(1-@42*) *603B*(?442-?1)(5-5) *(?10730353-61(05?9936EI(0*, *153-6(?6/(/*B*, -4@*65(-9(*@4, -8**0(. 35)36(
?6(-2E?63J?53-6A(")30(1-720*(365*E2?5*0(5) *(70*(?6/(B?,7*(-9(5*1)6-, -E8(36(2*12735@*65I(05?9936EI(
0*, *153-6I(0-13?, (@*/3?I(-2E?63J?53-6(*6528I(0-13?,3J?53-6I(4*29-2@?61*(@?6?E*@*65I(52?3636EI(1?2**2(
/*B*, -4@*65I(0K3,,0(*6)?61*@*65I(0711*003-6(4,?6636E(?6/(2*5*653-6(052?5*E3*0A(D-720*(@?8(1-765(9-2(
*, *153B*(+7036*00(*V4*23*61*A(
"?K*(L(1-720*0h(T2-@27, *(G! AF"! "FA(MN*O732*/I(P2*B3-700A(]"?K*(^ \ "=: S; A(MN*O732*/I(P2*B3-700A(
(

SL/#6G9" "0>)*21-4,02'-28'C*2*,;41((6#"7*8,41(
")30(1-720*(4,?1*0(*@4)?030(-6(?44,31?53-60I(1-61*450I(@?6?E*@*65(?6/(5) *-28(-9(4?8(42?1531*0I(+*6*935(
42-E2?@0I(?6/()7@?6(1?435?,(1-05=*99TJET0q0. 24000. 2(*6) -1(1) -1(*A)]TJET0q0. 2400c460046476Tm/TT21Tf[(*9) -1(9) -1(TJE

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720* (/ * 0123453-60(?2*(?B?3, ?+, * (36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
S] / #9%&" () * +, -. ' / 0) , +1', 2'S -7D*4, 25((\$#@''7*8, 41(
F*, *15* / (5-4310(-9(365*2*05(36(5) * (93*, / (-9(^ ?2K*536EA(F** (1-720*(0*153-6(1-@@*650(9-2(/ * 0123453-6A(
(

! ""#\$%&\$("\$) * (+, -, (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, =53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
S]/#6@B'' P=*24': .-22,25'O'S5>4((6#''7*8,41(
")30(1-720*(. 3,,(*V4-0*(057/*650(5-5) *(052?5*E3*0(?6/(0K3,,0(5) ?5(?2*(2*0732*/(.) *6(4,?6636E(?6/(
@?6?E36E(*B*650(5) 2-7E)(?6(*B*65(4,?6636E(*V4*23*61*(. 35)(?6(-2E?63J?53-6A(")30(1-720*(. 3,,(9-170(-6(
*B*65(-E305310I(B*67*(0*, *153-6I(1-652?1536EI(*B*65(@?2K*536EI(?6/(5) *(@?6?E*?*65(?6/(?6?,8030(-9(
0@?,,(?6/(,?2E*(01?, *(1-24-2?5*(?6/(1-@@76358(*B*650I(361,7/36E(04-250(*B*65(?6/(52?/*(0) -. (*V)3+35(
-4*2?53-60A(")30(1-720*(. 3,,(?0-(*V4,-2*(5) *(2*0732*?*650(-9(*B*65(4,?6636E(?0(?42-9*003-6(?6/(9-170(
-6(5) *(1-2*(1) ??2?15*2305310(-9(?0711*0097,(*B*65(@?2K*536E(@?6?E*2A(
"?K*(^m"=: >; A(MN*0732*/I(P2*B3-700A(
(

S]/#6@%'' ()074'S-7D*4,25'-28'()021071H,)((6#''7*8,41(
!(1-@42*) *603B*(057/8(-9(@?2K*536E(?6/(04-60-20)34(?0(35(2*,?5*0(5-5) *(04-25(36/70528A(")30(1-720*(30(
/*03E6*/(5-(42-B3/*(5) *(04-25(@?6?E*2(. 35)(?6(-B*2B3*. (-9(5) *(04-25(36/70528(. 35)(*@4)?030(-6'(
/*93636E(04-25(@?2K*536E(4236134,*0(?0(5) *8(?44,8(5-5) *(04-25(36/70528h(76/*205?6/36E(1-607@*2(
+*)?B3-2I(@*/3?(2*,?53-60I(47+,31(2*,?53-60I(47+,31358I(0?,*0(?6/(/30523+753-6I(?6/(04-60-20)34(. 35)36(5) *(
04-250(. -2,/A(#@4)?030(. 3,,(+*(4,?1*/(-6(42?1531?,(*V4*23*61*(1-61*457?,3J36EI(/*03E636E(?6/(42*0*6536E(
?(04-25(@?2K*536E(4,?6I(?6/(?04-60-20)34(42-4-0?,(4?1K*5A(
"?K*(L(1-720*0h(T2-@27,*(G! AF"! "FA(MN*0732*/I(P2*B3-700A(]"?K*(^m"=: >; A(MN*0732*/I(P2*B3-700A(
(

S]/#6GG'' (47-4*5,+''0>>32,+ -4,02': 70c*+4((6#''7*8,41(
F** (D& ^=<ZSA(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1?/* @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
S]/#@@" R*504,-4,02((6#"7*8,41(
#V4-072*(5-(5) *(1-61*450(-9(6*E-53?53-60(36(+ -5) (5) *(CAFA(?6/(E,-+?, (+7036*00(*6B32-6@*650(361,7/36E(
6*E-53?53-6(052?5*E3*0(?6/(5?15310I(369,7*61*I(5) 32/=4?258(365*2B*653-6I(?7/3*61*(*99*150I(6-6B*2+?, (
1-@@7631?53-6I(?6/(*5) 31?, (?6/(17,572?, (?04*150A(D?0*(057/3*0(?6/(03@7,?53-60(. 3,, (+*(70*/(5) 2-7E) -75(
(

!""#\$%&\$'()*+*,.- (/ *0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
057/*650(36(4?0036E(5) *(43?6-(42-9313*618(*V?@36?53-6A(! 5(5) *(*6/(-9(5) *(0*@*05*21(057/*650(@?8(*, *15(5-(
5?K*(5) *(43?6-(42-9313*618(*V?@36?53-6A(F57/*650(.) -(?2*(6-5(0799313*65,8(42*4?2*/(5-(5?K*(5) *(*V?@I(-2(
.) -(-6-5(4?00(5) *(*V?@I(@?8(5?K*(^ CW=: : S(D,?00(P3?6-(%00A(MF# ^ Q

!""#\$%&\$('\$) * (+, -, (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?*,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5) *(,3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(SQ\#9\$B" :,-20((&ZB#\$''7*8,41(&4*6(5-(@7031(@?R-20(?6/(@36-20(-6,81(: ; ; =,*B*(,423B?5*(,*00-60() * ,4(42*4?2*(5) *(057/*65(9-2(2*0732*/(2*135?,0A(^?8(+*(2*4*?5*/(9-2(12*/35A(F57/*65(@?8(*62-,,(9-2() ? ,9(5-(-6*(12*/35A(T***(2*0732*/A(N*E3052?53-6(5?K*0(4,?1*(. 35)36(5) *(@7031(/*4?25@*65A(

(SQ\#9\$G" [75-2((&ZB#\$''7*8,41(&4*6(5-(@7031(@?R-20(?6/(@36-20(-6,81(: ; ; =,*B*(,423B?5*(,*00-60() * ,4(42*4?2*(5) *(057/*65(9-2(2*0732*/(2*135?,0A(^?8(+*(2*4*?5*/(9-2(12*/35A(F57/*65(@?8(*62-,,(9-2() ? ,9(5-(-6*(12*/35A(T***(2*0732*/A(N*E3052?53-6(5?K*0(4,?1*(. 35)36(5) *(@7031(/*4?25@*65A(

(SQ\#9\$J" N-7)1,+H078((&ZB#\$''7*8,41(&4*6(5-(@7031(@?R-20(?6/(@36-20(-6,81(: ; ; =,*B*(,423B?5*(,*00-60() * ,4(42*4?2*(5) *(057/*65(9-2(2*0732*/(2*135?,0A(^?8(+*(2*4*?5*/(9-2(12*/35A(F57/*65(@?8(*62-,,(9-2() ? ,9(5-(-6*(12*/35A(T***(2*0732*/A(N*E3052?53-6(5?K*0(4,?1*(. 35)36(5) *(@7031(/*4?25@*65A(

(SQ\#99B" ".-11':,-20'<<<((&ZB#\$''7*8,41(")30(30(5) *(5)32/(0*@*05*2(-9(?5)2***(0*@*05*2(0*07*61*/(*03E6*/(5-(/*B*,-4(K*8+-??/(?6/(@70313?60)34(0K3,0I(361,7/36E(976/?@*65?,(5*1)631I(01?*,*(?6/(1) -2/(4,?836EI(03E)5(2*?/36EI()??@-63J?53-6I(52?604-0353-6I(9-72(4?25(2*?/36EI(?11-@4?63@*65I(43?6-(2*4*25-32*I(?6/(-4*6(01-2*(2*?/36EA(") *(1-720*(30(365*6*/(5-(?00305(057/*650(36(4?0036E(5) *(43?6-(42-9313*618(*V?@36?53-6A(F57/*650(.) -(?2*(6-5(0799313*65,8(42*4?2*/(5-(5?K*(5) *(*V?@I(-2(.) -/(-6-5(4?00(5) *(*V?@I(@?8(2*4*?5(^CF=: : SA(

(SQ\#99G" ".-11':,-20'<X((&ZB#\$''7*8,41(")30(30(5) *(9-725)(0*@*05*2(-9(?9-72(0*@*05*2(0*07*61*(30(/*03E6*/(5-(1-65367*/(*B*,-436E(K*8+-??/(?6/(@70313?60)34(0K3,0I(361,7/36E(976/?@*65?,(5*1)6307*I(01?*,*(?6/(1) -2/(4,?836EI(03E)5(2*?/36EI()??@-63J?53-6I(3@42-B30?53-6I(52?604-0353-6I(9-72(4?25(2*?/36EI(?11-@4?63@*65I(43?6-(2*4*25-32*I(?6/(- 4*6(01-2*(2*?/36EA(

"?K*(^C-4*6(-

! ""#\$%&\$'(") * (+ , -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
SQ\#@&@" C-11'/70>M02*((&ZB#\$''7*8,41(
&4*6(5-(@7031(@?R-20(-6,8I(>; ;=,*B*(,423B?5*(,*00-60(?2*(9-2(057/*650(42*4?236E(?0*63-2(2*135?,A(^?8(+*(
2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L:(12*/350(*?26*/(5-. ?2/(?+(?1)*,-2(/*E2**(-2(03V(12*/350(
5-. ?2/(?6(?00-13?5*/(*E2**A(F57/*65(@?8(*62-,,(9-2)?,9(5-(-6*(12*/35A(T**2*0732*/A(N*E3052?53-6(5?K*0(
4,?1*(. 35)36(5)*(@7031(/*4?25@*65A(
(
SQ\#@J\$"

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
SQ(#\$&@" C7-11'P21*>M.*((&ZB#\$'"7*8,41(
!(0@?,,(+2?00(*60*@+, *(-4*6(5-(?,,(057/*650(.)-(07?,398(+8(?7/353-6A(#6)?61*@*65(1-720*01(071)(?0(
^CF(L; >I(@?8(+*(2*4*?5*/(9-2(12*/351(. 35)(?(@?V3@7@(-9(L:(12*/350(*?26*/(5-. ?2/(?+?1)*,-2(/*E2**(-2(
03V(12*/350(5-. ?2/(?6(?00-13?5*//*E2**A(T**2*0732*/A(
(
SQ(#\$&B" : *7+311,02'P21*>M.*((&ZB#\$'"7*8,41(
&4*6(5-(?,,(057/*650(+8(?7/353-6A(") 30(0@?,,(4*217003-6(*60*@+, *(. 3,,(2*)**20*(?6/(4*29-2@(/399*2*65(
058,*0(-9(@7031(361,7/36E(*5) 6311(1,?0031?,1(2-1KI(R?JJI(1-65*@4-2?28I(?6/(2?E53@*A(#6)?61*@*65(1-720*0I(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(, 3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(

SQ(#\$9G" /H*07K'<<((6#"7*8,41(
!(1-65367?53-6(-9(^CF=L: SA(T**2*0732*/A(
" ?K*(^CF=L: SA(MN*0732*/I(P2*B3-700A(]" ?K*(^CF=LZaA(MN*0732*/I(D-61722*650A(
(

SQ(#\$9J" !))7*+, -4,02'0;'S31,+((6#"7*8,41(
F57/8(-9(5) *(, * @*650(?6/(4236134, *0(-9(@7031(6*1*00?28(9-2(365* ,, 3E*65(,305*636E(?6/(?442*13?53-6A(
F72B*80(5) *(1)3*9(/*B*, -4@*650(-9(@7031()305-281(5) *(. -2K0(-9(@?05*2(1-@4-0*201(9-, K(@70311(?6/(52*6/0(
36(1-65*@4-2?28(@7031A(
(

SQ(#\$9I" L3,4-7'" .-11((\$#"7*8,41(
!(1-65367?53-6(-9(^CF=L: SA(T**2*0732*/A(
" ?K*(^CF=L: SA(MN*0732*/I(P2*B3-700A(]" ?K*(^CF=LZaA(MN*0732*/I(D-61722*650A(
(

SQ(#\$9J" !))7*+, -4,02'0;'S31,+((6#"7*8,41(
F57/8(-9(5) *(, * @*650(?6/(4236134, *0(-9(@7031(6*1*00?28(9-2(365* ,, 3E*65(,305*636E(?6/(?442*13?53-6A(
F72B*80(5) *(1)3*9(/*B*, -4@*650(-9(@7031()305-281(5) *(. -2K0(-9(@?05*2(1-@4-0*201(9-, K(@70311(?6/(52*6/0(
36(1-65*@4-2?28(@7031A(
(

SQ(#\$9I" L3,4-7'" .-11((\$#"7*8,41(
!(1-65367?53-6(-9(^CF=L: SA(T**2*0732*/A(
" ?K*(^CF=L: SA(MN*0732*/I(P2*B3-700A(]" ?K*(^CF=LZaA(MN*0732*/I(D-61722*650A(
(

SQ(#\$9I" L3,4-7'" .-11((\$#"7*8,41(
!(1-65367?53-6(-9(^CF=L: SA(T**2*0732*/A(
" ?K*(^CF=L: SA(MN*0732*/I(P2*B3-700A(]" ?K*(^CF=LZaA(MN*0732*/I(D-61722*650A(
(

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
SQ(\$GI"]2,5H4""H07-.*(&ZB#\$""7*8,41(
")*(m63E)5(D)-2?,*(30(?1)-2?,(*60*@+,*(-9/@3V*/(B-31*0(5)?5(036E0(?B?23*58(-9(E*62*0(-9(@7031(2?6E36E(92-@(@*/3*B?,(5-(4-47,?2(1)-2?,(35*2?572*A(\$-(?7/353-6(30(2*0732*/(9-2(4?253134?53-6A(F57/*650(36(?68(@?R-2(?6/(. 35)(?68(*V4*23*61*(,*B*,(36(5)*1)-2?,(?250(?2*(61-72?E*/(5-(4?253134?5*(36(5)*(m63E)5(D)-2?,*A(P*29-2@?61*(-44-2576353*0(4*2(0*@*05*2(361,7/*(: (1-61*250I(: =<(1?@470(-752*?1)(*B*650(?6/(-5)*2(?23036E(4*29-2@?61*0A(#6)?61*@*65(1-720*0I(071)(?0(^CF(LZ`I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L:(12*/350(*?26*/(5-. ?2/(?+?1)*,-2(/*E2**(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*/(*E2**A(

(
SQ(\$J&" U008F,28'P21*>M.*(&ZB#\$""7*8,41(
!(0@?,,(. --/. 36/(60*@+,*(-4*6(5-(?,(057/*650(.)-(07?,398(+8(?7/353-6A(#6)?61*@*65(1-720*0I(071)(?0(^CF=La; I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L:(12*/350(*?26*/(5-. ?2/(?+?1)*,-2(/*E2**(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*/(*E2**A(T**2*0732*/A(

(
SQ(#9&&" S31,+'/H*-47*': *7;07>-2+*'U07D1HO)(6#""7*8,41(
")30(1-720*(30(/03E6*/(5-(E3B*(4*29-2@?61*(-44-2576353*0(36(01*6*/(*B*, -4@*65A(^7031?,(5)*?52*I(-4*2*55?I(?6/(,3E)5(-4*2?(01*6*0(?2*(05?E*/(?6/(42*0*65*/(36(2*B3*. (9-2@?5A(9(4-003+,*I(0@?,,(1?05(@7031(

!""#\$%&\$('\$)*(+*,-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,-53@*(1-720*(/*0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,_E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
F*,*15*/(0-95. ?2*(?6?+,*0(5)*(057/*65(5-(0*07*61*I(6-5?5*I(?22?6E*(?6/(1-@4-0*(?5(5)*(1-@475*2A(
%65*26*5(0-721*0(*6)?61*(5)*(1-720*I(0*2B36E(?0(?5--,(5-(?,,-. (5)*(057/*65(5-(1-,,*15(^%G%93,*0I(575-23?,0I(
?6/(74/?5*/(369-2@?53-6(-6(1722*65(42-R*150A(
"K*(^CF=L:ZA(MN*0732*/I(P2*B3-700A(
(

SQ(#9B9" N,1407K'O;'EO+D'-28'E0..'S31,+((6#""7*8,41(
")*(1-720*(30(?6*V?@36?53-6(-9(5)*(+325)(?6/*B-,753-6(-9(2-1K(@7031(92-@350(2--50(36(+,7*0I(1-76528I(
?6/(E-04*(5-(E276E*I(5*1)6-I(?6/(-5)*2(1722*65(b?,5*26?53B*c(058,*0A(
(

SQ(#9B@" /H*N,1407K'O;'4H*C*-4.*1((6#""7*8,41(
")30(1-720*(072B*80(5)*()305-28I(@7031(?6/(/*B*,_4@*65(-9(")*(Y*?5,*0A(T2-@L`Sa(7653,(L`a;I(5)*(T-72(
W?/0(92-@W3B*24--,(70*/(+?1K. ?2/(2*1-2/36E(5*1)6307*0I(0-,@3,3-60(-9(5)*32(2*1-2/36E0(. 35)-75(
5-7236EI(@?/*(?1-61*45(?,+7@(?6/(70*/(-21)*052?,(360527@*650(36(5)*32(1-@4-0353-60A(")*0*(?2*(-6,8(?
9*. (-9(5)*32(366-B?53-60(5)?5(0*5(5)*(05?E*(9-2(.)?5(2-1K(@7031(. -7./(+*1-@*A(
(

SQ(#9BG" /H*N,1407K'O;'^_VV((6#""7*8,41(
")30(1-720*(V4,-2*0(5)*()305-28I(?253050I(1-@4-0*20(?6/(@7031(-9(5)30(E2*?5(! @*231?6(?25(9-2@A(d*(+*E36(
36(\$*. (&2,*?60(?5(5)*(5726(-9(5)*(1*65728(?6/(1-65367*(5)2-7E)(350(E-,/*6(?E*(36(D)31?E-I(5-(5)*(\$*. (
i-2K(D358(/?61*)?),0(-9(5)*(L`<;0(?6/(L`>;0A(")*(B-,753-6(?/B?61*0(5)2-7E)(5)*(+*+-4(0-76/(-9(5)*(
L`>;0I(5)*(1--,(R?JJ(-9(5)*(L`S;0I(?6/(@-/*26(R?JJ(-9(5)*(L`Z;0A(
(

SQ(#9BJ" S31,+,'2'"_4H0.,+'U071H,)((6#""7*8,41(
#V?@36*0(5)*(5)*-28I()305-28I(?6/(42*0*65(42?1531*(-9(@7031(?0(?6(365*E2?,(4?25(-9(D?5)-,31(. -20)34A(
^7031?,(*V?@4,*0(. 3,,(3,,7052?5*(5)*(B?23*58(-9(5*V50I(@7031?,(9-2@0I(?6/(@7031?,(2-,*0(5)?5(0*2B*(5)*(
,3572E8(. 35)*(@4)?030(-6(5)*(97,,I(1-6013-70I(?6/(?153B*(4?253134?53-6(-9(5)*(. -20)3436E(700*@+,8A(
(

SQ(#9G\$" S31,+?'328->*24-.1';07"'._11700>'/*_+H*7((6#""7*8,41(
")30(1-720*(30(/*03E6*/(5-())*4(057/*650(76/*205?6/(@7031(36(5)*(1-65*V5(-9(17,572*I(0-13*58I(?6/(/?3,8(
,3B36EA(%(42-B3/*0(057/*650(. 35)(-44-2576353*0(5-(/*B*,_4(?+2-?/(2?6E*(-9(123531?,(5)36K36EI(
1-@@7631?53-6I(. 23536EI(?6/(@7031?,(OK3,,0A(F4*13931?,,,8I(5)*(1-720*(30(/*03E6*/(5-(3612*?0*(5)* (97572*(
5*?1)*2f0(0*60-28(@7031?,(*V4*23*61*(5)2-7E)(?6(36B*053E?53-6(-9(5)*(*,*@*650(-9(@7031I(5)*(
/*B*,_4@*65(-9(@7031,35*2?18(OK3,0I(5)*(V4,-2?53-6(-9(0-13?,(360527@*650I(?6/((?072B*8(-9(3)-1(,) -1(4-1(1464((0)1?6) -14

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
SQ(#9G%" N,1407K'0;'S31,+-. '/H*-47*((6#"7*8,41(
!(5) -2-7E)(072B*8(-9(5) *())305-28(-9(^ 7031?,(") *?52*I(+*E36636E(36(5) *(,?5*(3E)5**65)(1*65728(?6/(
1-6536736E(5)2-7E)(5-(Y2-?/. ?8(?6/(&99=Y2-?/. ?8(5-/?8A(%@4-25?65(52*6/0I(12*?5-20I(0) -. 0I(?6/(05?20(
. 3,,(+*(057/3*/I(. 35)(04*13?,(*@4)?030(-6(5) *(@?57236E(-9(5) *(! @*231?6(@7031?,(+*E36636E(. 35)(q*2-@*(
m*26A(D2-00=,305*/(?0("X#=: Z[A(
(
SQ(#69B" /H*07K'<<<((6#"7*8,41(
!(1-65367?53-6(-9(5) *(365*E2?5*/(5) *-28(1-720*0(-6(?6(?/B?61*/(/, *B*,A(
"?K*(^CF=L: ZA(MN*0732*/I(P2*B3-700A[](" ?K*(^CF=: ZZA(MN*0732*/I(D-61722*650A(
(
SQ(#69G" /H*07K'<X((6#"7*8,41(
D-65367?53-6(-9(^CF=<: SA(
(

! ""#\$"%&\$'(") * (+ *, -. (/ * 0123453-60(0) -7, /(-6,8(+ *(2*9*2*61* /9-2(5) *(: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
SQ(

! ""#\$%&\$'()*+*,.-. (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? ,= 53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((?/@363052?53-6l(1722317,7@(/*B*, -4@*65l(,35*2?572*(0*, *153-6l(360527153-6?,(4,?6636Ei(?6/(5*?1)36E(052?5*E3*0A(")30(1-720*(. 3,,(361,7/*(?.,?+(+?6/A((

SQ(#6JG" "H07-. 'S31,+ 'S*4H081'<<((9#"7*8,4l(T-170*0(-6(/*B*, -436E(5)* (K6-. ,*/E*I(4*29-2@?61*0l(?6/(/304-0353-60(2*0732*/(-9(01) --,(1) -2?,(@7031(*/71?5-20(36(5)*()3E)(01) --,(0*5536EA(" -4310(361,7/*(?/@363052?53-6l(1722317,7@(/*B*, -4@*65l(,35*2?572*(0*,*153-6l(360527153-6?,(4,?6636Ei(?6/(5*?1)36E(052?5*E3*0A("K*(^CF=<SZA(MN*0732*/l(P2*B3-700A((

SQ(#6%&" ()*+,-./0),+1',2'S31,+ '\,4*7-437*a: *7;07>-2+*' (D,..1((9#6'''7*8,4l(! (057/8(36(?1-61*652?5*/(?2*?(-9(@7031(,35*2?572*(071)(?0(R?JJI(1-@4-0353-6(-2(?5-431(2*,?5*/(5-(4*29-2@?61*(OK3,,0A(") *5-431(30(0*, *15*/(+8(5)*(@7031(9?17,58(?11-2/36E(5-5)* (6**/0(?6/(365*2*050(-9(5)* (057/*650A(^?8(+*(-99*2*/(9-2(5. -(2(5)2** (12*/350A(F** (1-720*(0*153-6(1-@@*650(9-2(/0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A((

SQ(#6&" ! 8=-2+*8'''0283+4,25((9#"7*8,4l(P2*2*073035*'(<<: A!(42?1531?,(?44,31?53-6(-9(+?031(1-6/71536E(5*1)6307*0(?,-6E(. 35)(5)* (057/8(?6/(3@4, *@*65?53-6(-9(?/B?61*/(5*1)6307*0A("K*(^CF=<<: A(MN*0732*/l(P2*B3-700A((

SQ(#@G\$" "024* >)07-7K'<113*1'S31,+ 'P83+-4,02((9#"7*8,4l(&+0*2B?53-6(?6/(?44,31?53-6(-9(04*13?,3J*/(@7031(5*?1)36E(5*1)6307*0(?6/(1722317,??(3007*0(36(*60*@+,*(?6/(0@?,,(E2-74(0*5536E0A(#@4) ?03J*0(4*29-2@?61*=-?0*/(?00*00@*65l(1,?002--@(@?6?E*@*65l(1-65367*/(4-259-,3-/*B*, -4@*65l(1--4*2?53B*(, *?2636E(052?5*E3*0l(2*9, *153B*(?B?,?7?53-6l(?6/(123531?,(5)36K36E(OK3,,0A(! (. **K,8(0*@36?2(361,7/*0(@7031(1,?002--@(?44,31?53-6(-9(763B*20?,(/*03E6(9-2(, *?2636Ei(052?5*E3*0(9-2(#6E,30)(,?6E7?E*(, *?26*20l(2*?/36E(36(5)* (1-65*65(?2*?l(?6/(04*13?,(6**/0(?11-@@-/?53-60(36(5)*(@7031(1,?002--@A(((F57/*650(*62-,*/(36(^CF(>ZL(^CF"))?B*(1-@4,*5*/(! Ww(@7031(/71?53-6(@*5)-/(1-720*0(. 35)(?@363@7@(E2?/*(-9(DA(Y*(2*?@36/*/(5) ?5(R763-2(05?6/36E(-6(8-72(423@?28(360527@*65(^CF"(+*(?1)3*B*/(36(-2/*2(5-(+*(,3E3+,*(9-2(057/*65(5*?1)36Ei(8-7(@705())?B*(4?00*/(8-72(744*2/(3B303-6?,A((

SQ(#@I &" S31,+ '(* >,2-7((6#"7*8,4l(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(
R(L#9&\$" N*-.4H! 11*11>*24'-28'"0>>32,+ -4,02((@#"7*8,41(
")30(1-720*(3652-/71*0(057/*650(5-(5) *(K6-. , * /E*1(0K3,0(?6/(?55357/*0(6**/* /5-(1?2*(9-2(36/3B3/7?,0(
?12-00(5) *(,39*04?6A(F57/*650(. 3,,(/ * @-6052?5*() - ,30531(672036E(?00*00@*651(5) *2?4*7531(1-@@7631?53-6(
0K3,0(?6/365*242-9*003-6?,(1-,,?+-2?53-6(36(4?53*65=1*65*2*/(1?2*A(
(
R(L#9&\$"" N*-.4H! 11*11>*24'-28'"0>>32,+ -4,02"" ..,2,+-.((#""7*8,41(
\$F\=: ; L(1,3631?,A(T-2(5) *(1?@470(+?0*/(672036E(057/*650'(D,3631?,(01) */7, *(30(07+R*15(5-(1)?6E*(5-(/7*(
1,3631?,(035*(?B?3,?+3,358(?6/(057/*65(*62-,,@*65A(
(

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
")30(1-720*(42-B3/*0(5)*(057/*65(. 35)(5)*(K6-. ,*/E*(-9(4)?2@?1-, -E8I(/-0?E*(1?,17,?53-6(?6/(672036E(K6-. ,*/E*I(OK3,,0(?6/(?55357/*0(2*0732*/(5-(0?9*,8(?/@36305*2(0*,*15*/(@*/31?53-60A(F3@7,?53-6(?6/(,?+-2?5-28(*V4*23*61*(. 3,,(+*(361-24-2?5*/(365-(5)*(1-720*A(
"?K*(\$F\=: ; LA(MN*0732*/I(P2*B3-70(-2(1-61722*650A(J)"?K*(\$F\=: >LA(MN*0732*/I(P2*B3-70(-2(1-61722*650A(J)"?K*(\$F\=: LLA(MN*0732*/I(P2*B3-70(-2(1-61722*650A(J)"?K*(\$F\=: : LA(MN*0732*/I(P2*B3-70(-2(1-61722*650A(
(
R(L#9B\$\" : H-7> -+0.05K'-28'T01-5*'\-M((#"7*8,41(
\$F\=: SL(,?+A(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
R(L#69%" R371,25'(*>,2-7((6#"7*8,41(
")30(1-720*(9-170*0(-6(5) *(52?60353-6(-9(5) *(?00-13?5*(?6/(/34,-@?(6720*(5-(+?1) *, -2(672036E(42?1531*A(
\$72036E(5) *-23*0(42-B3/*(5) *(92?@* . -2K(9-2(/3017003-6(-9(42-9*003-6?,(42?1531*A(" -4310(9-2(/3017003-6(
361,7/*(?/B?61*/(42?1531*(2-, *0I(E2?/7?5*(*/71?53-6I(0*, *15*/(*5)31?,H,*E?,(3007*0I() *?5)(1?2*(
*1-6-@310I(?6/(5) *(2-, *(-9(672036E(36(5) *(, *E30,?53B*H4-, 3531?,(42-1*00A(D722*65(52*6/0(?6/(3007*0(36(
672036E(?2*(V4,-2*/A(")30(1-720*(30(-99*2*/(-6,8(36(5) *(^! P(42-E2?@A(
(
R(L

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(PFI=: ; S(-2(YCF=: ; SA(MN*0732*/I(P2*B3-700A(
(
R(L#6G&" <24*721H,) ', 2'R371,25((9#"7*8,41(
! 6(?442-B*/(365*260)34(36(5) *(93*, /(-9(672036EA(
(
R(L#@&\$" L*70240.05,+-. '<113*1', 2'N*- .4H'" -7*((9#"7*8,41(
")30(1-720*(9-170*0(-6(5) *(4)8031?, I(4081) -, -E31?, I(?6/(0-13?, (1) ?,, *6E*0(9?1*/(+8(-, /*2(?/7,50A(" -4310(
(

!""#\$%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?=?,
53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(,3B*(C63B*20358(D?5?,_E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
R(L#@9J" C*7*-=-*>*24'-28'P28'0;\,;*'" -7*((9#"7*8,41(
")30(1-720*(42-B3/*0(5)*(057/*65(. 35)(K6-. ,*/E*(5-(?00305(5)*(4?53*651(9?@3,81(?6/(-5)*2() *?,5) 1?2*(
42-9*003-6?,0(?//2*0036E(3007*0(2*,?5*/(5-(+*2*?B* @*65(?6/(?6/(-9(.39*(1?2*A(")30(1-720*(4?253?,8(
0?53093*0(5)*(F?6(G?@?76-(2*0732*@*650A(
"?K*(F\F\=: ; LA(MN*0732*/I(P2*B3-700A(J)"?K*(F\F\=: LLA(MN*0732*/I(P2*B3-700A(J)"?K*(F\F\=: : LA(MN*0732*/I(
P2*B3-700A(J)"?K*(F\F\=: >LA(MN*0732*/I(P2*B3-700A(J)"?K*(F\F\=: SLA(MN*0732*/I(P2*B3-700A(
(
R(L#@9I" "-7*0;'4H*'"7,4,+-.K'<..(6#"7*8,41(
")30(1-720*(9-170*0(-6(5)*(?175*(1?2*(-9(5)*(123531?,8(3,,(4?53*65A(#@4)?030(30(4,?1*/(-6(5)*(672036E(
42-1*00(36(5)*(123531?,(1?2*(?6B32-6@*65A(D,3631?,(-44-2576353*0(?2*(?B?3,?+,*(36(0*,*15*/(123531?,(1?2*(
0*5536E0(
"?K*(F\F\=<<LA(MN*0732*/I(P2*B3-700A(
(
R(L#@6&" "-7,25'-28'N*-.,25'/H7035H'4H*!' 741',2'R371,25((6#"7*8,41(
")30(1-720*(42-B3/*0(?6(-44-2576358(9-2(057/*650(5-(057/8(5)*(1-61*450(?6/(4236134,*0(-9(*8,41

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:; :<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?,+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(\$F\=>: : A(MN*0732*/I(D-61722*650A(
(
R(L#@@\$"" *-8*71H,)a"0>>32,4K',2'4H*'R371,25': 70;'"" .,2,+-.((#""7*8,41(
\$F\=>>L(1,3631?,A(T-2(5)*(1?@470(+?0*/(672036E(057/*650'(D,3631?,(01)* /7,* (30(07+R*15(5-(1)?6E*(5-(/7*(

!""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(\$F\=S; <A(MN*0732*/I(P2*B3-700A(
(
R(L#B&B" : 0., +KY' [75-2, V-4, 02'-28'? , 2-2+, 25'0; 'N*-.4H'" -7*((6#"7*8,41(
")30(1-720*(. 3,, (*V4,-2*) *?,5)(1?2*(4-,318(?6/(5) *(2-, *(-9(5) *(6720*(36(/*B*, -436E(?6/(?6?,8J36E(4-,318(
1-@4-6*650(5) ?5(3@4?15(5) *(672036E(1?2*(?6/(5) *) *?,5)(-9(5) *(0-13*58A(") *(9-170(. 3,, (+*(-6(1722*65(
52*6/0(36(-2E?63J?53-6?, (?6/(936?613?, (05271572*(-9()) *?,5)(1?2*(360535753-60A(
(
R(L#B&G" ! 8=-2+*8*N*-.4H'! 11*11>*24((6#"7*8,41(
")30(1-720*(9-170*0(-6(5) *(0K3,0(6*1*00?28(5-(4*29-2@(?6(?/B?61*/()) *?,5)() 305-28(?6/()) *?,5)(
?00*00@*65A(! () - ,30531(?442-?1)(. 35)(?6(*@4)?030(-6()) *?,5)(42-@-53-6(?6/(/30*?0*(42*B*653-6(. 3,, (+*(
V4,-2/A(
(
R(L#B&J" R371,25'E*1*-7+H((6#"7*8,41(
")30(1-720*(. 3,, (42-B3/*(5) *(013*653931(+?0*(5-(753,3J*(2*0*?21)(36(42-B3/36E()) 3E)(07?,358()) *?,5)(1?2*I(
36353?5*(1)?6E*1(?6/(12*?5*(4-,318(?6/(42-1*/72*0A((F57/*650(. 3,, (,*?26(*00*653?, (0K3,0(5-(123531?,,8(?6?,8J*(
07?6535?53B*(?6/(07?,35?53B*(2*0*?21)?6/(1-6/715(?6(36=/*45)(2*B3*. (-9(5) *(,35*2?572*(2*E?2/36E(04*13931(
1,3631?, (?6/H-2*(/71?53-6?, (1)?,, *6E*0A(
(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1?/* @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
R(L#B\$J" "0371*a: 7057->a: 70c*+4'T*=.0) >*24(6#"7*8,41(
")30(1-720*(. 3,,(42-B3/*(057/*650(?6(-44-2576358(5-(47207*(?6(?2*?(-9(365*2*05(6-5(1-B*2*/(36(-2(@-2*(36(/ *45)(5)?6(*V30536E(1-720*0A(") *(057/*650(. 3,,(/*B*, -4(?1-720*H42-E2?@(36(5) *(?2*?(-9(365*2*05A(! (, *?2636E(1-652?15(. 35)(+*(/*B*, -4*/(. 35)(?9?17,58(?/B30-2(.)-(4-00*00*0(04*13?(1-@4*5*61*(36(5) *(?2*?(36B-,B*/A(

(
R(L#BG&" R371,25'P83+-407': 7-+4,+3>((B#"7*8,41(
")30(1-720*(. 3,,(42-B3/*(5) *(057/*65(. 35)(?153B*(*V4*23*61*0(36(672036E(* /71?53-6A(") *(42*1*45-2(@-/*,(. 3,,(+*(753,3J*/(5-(@-/*,(?6/(9?13,35?5*(* /71?53-6?,(*V4*23*61*0A(\$720*(#/71?5-2(P2?15317@4,?6636E(. 3,,(+*(+?0*/(-6(0*,9=200*00@*65(-9(5) *(E2?/7?5*0(36(?4-259-,3-A(") 30(4-259-,3-(. 3,,(+*(70*/(5-(4,?6(5) *(67@+*2(-9(1,3631?,() -720(36(5*?1) 36E(E2-740(M1,?00(-2(1-@@76358Q1(5*?1) 36E(36/3B3/7?,0(M1,3631?,(-2(-23*65?53-60I(?6/(03@7,?53-6(M057/*650(-2(1-6536736E(* /71?53-60A(\2?/*/(FHCA(
"?K*(\$F\S; : A(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; >A(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; SA(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; ZA(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; aA(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; LA(MN*0732*/I(P2*B3-700A() ("?K*(\$F\S; SL<A(MN*0732*/I(P2(

(
R(L#B%&" () *+, -./0), +1', 2'L7-83-4*'R371,25Z((6#"7*8,41(
")*0*(5-4310(@?8(?//2*00(?68(-9(5) *(9-,,-. 36E'(672036E(6**/0(-9(?1-65*@4-2?28(0-13*58I(?/B?61*/(672036E(1?2*I(?/B?61*/(672036E(42-9*003-6?,(3007*0(-2) *?,5)(1?2*(36(5) *(97572*A(F***(1-720*(0*153-6(1-@@*650(9-2(/ *0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(

R(L#BI%"

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A

!""#\$%&'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
R(L#G&I" ! 8=-2+*8': H-7>-+0.05K';07'R371*! 2*14H*1,-'<<((6#""7*8,41(
")30(1-720*(1-65367*0(?1-@42*) *603B*(057/8(-9(?6*05) *531(?E*650(?6/(?/R7B?650(?,-6E(. 35)/(27E0(
92*07*65,8*(61-765*2*/(36(5) *(4*23-4*2?53B*(0*5536EA(") *(4) ?2@?1-K36*5310(?6/(4) ?2@?1-/86?@310(-9(
5) *0*/27E0(?2*(?/?/2*00*/I(?,-6E(. 35)(4-5*653?,(/27E(365*2?153-60I(5) *(3@4?15(-9(?E36E(?6/(B?23-70(
/30*?0*(42-1*00*0(-6(/-036E(?6/(?/@363052?53-6(-9(5) *0*/27E0A(
"?K*(\$F\=Z; <A(MN*0732*/I(P2*B3-700A(
(
R(L#G\$&" ?->.,K'R371*': 7-+4,4,02*7""0>)7*H*21,=*((\$#""7*8,41(
")30(1-720*(0*2B*0(?0(?+/-2/(2*B3*. (9-2(5) *(T?@3,8(\$720*(P2?15353-6*2(1*253931?53-6(*V?@36?53-6A(
(
R(L#G\$"\$! 2*14H*1,-': 7,2+,). *1'<<(6#""7*8,41(
! 6*05) *03?(P236134, *0(%361,7/*0(?6*05) *531(@?6?E* @*65(4236134, *0(9-2(072E31?,(04*13?,58(?2*?0I(4?36(
@?6?E* @*65I(7,5270-76/(?6/(2?/3-, -E8A(F57/*650(. 3,(@?05*2(1-@4*5*613*0(36(?6?5-@31I(4) 803-, -E31I(
4?5) -4) 803-, -E31(?6/(4) ?2@?1-, -E31(4236134, *0(9-2(*?1) (-9(5) *(072E31?,(04*13?,58(?2*?0(?/?/2*00*/(36(5) 30(
1-720*I(36(5) *(92?@*. -2K(-9(?/B?61*/(672036E(42?1531*(5-5) *(42?1531*/(-15-2?,(,*B*,A(
"?K*(\$F\=Z; aA(MN*0732*/I(P2*B3-700A(("?K*(\$F\=ZLLFA(MN*0732*/I(D-61722*650A(
(
R(L#G\$\$(" ! 2*14H*1,-': 7,2+,). *1'<<'(>3.-4,02((\$#""7*8,41(
")30(1-720*(361-24-2?5*0(057/*65(/3/?1531(,*?2636E(*V4*23*61*0(-9(! 6*05) *03?(P236134, *0(%365-(03@7,?53-6(
52?3636E(36(5) *(\$720*(! 6*05) *03?(F3@7,?53-6(W?+A(\2?/*/(FHCA(
"?K*(\$F\=ZLLA(MN*0732*/I(D-61722*650A(
(
R(L#G\$6" ! 2*14H*1,-': 7,2+,). *1'<<<((6#""7*8,41(
")30(1-720*(9-170*0(-6(?6*05) *531(1?2*(4236134, *0(9-2(4?25723*650I(1)3,/2*6I(369?650(?6/(6*-6?5*0A(
F57/*650(. 3,(@?05*2(2*,?5*/(6?5-@31I(4) 803-, -E31I(4?5) -4) 803-, -E8(?6/(4) ?2@?1-, -E31(4236134, *0(9-2(
-+05*5231(?6/(4*/3?5231(?6*05) *03?(36(5) *(92?@*. -2K(-9(?/B?61*/(672036E(42?1531*(?5(5) *(42?1531*(
/-15-2?5*(,*B*,A(
"?K*(\$F\=Z; aA(MN*0732*/I(P2*B3-700A(("?K*(\$F\=ZLLA(MN*0732*/I(P2*B3-700A(("?K*(\$F\=ZL<FA(MN*0732*/I(
D-61722*650A(
(
R(L#G\$6(" ! 2*14H*1,-': 7,2+,). *1'<<<'(>3.-4,02((\$#""7*8,41(
")30(1-720*(361-24-2?5*0(057/*65(/3/?1531(,*?2636E(*V4*23*61*0(-9(! 6*05) *03?(P236134, *0(%365-(03@7,?53-6(
52?3636E(36(5) *(\$720*(! 6*05) *03?(F3@7,?53-6(W?+A(
"?K*(\$F\=ZL<A(MN*0732*/I(D-61722*650A(
(
R(L#G\$B" ! 2*14H*1,-'(*>,2-7'<((9#""7*8,41(
")*(0*@36?2(1-720*(42-B3/*(?6(-4*6(9-27@9-2(1,?00(/3017003-6(-6(1722*65(3007*0(2*,?5*/(5-5) *(2-,*(-9(
5) *(6720*(?6*05) *5305A(") 30(1-720*(30/*03E6*/(5-(42-B3/*(5) *(6720*(?6*05) *03?(057/*65(. 35)(K6-. ,*/E*(
-9(1) *@31?,/*4*6/*618I(. *,6*00I(?6/(5)31?,(3007*0(2*,?5*/(5-5) *(04*13?,58(-9(?6*05) *03?A(
(
R(L#G\$J" ! 2*14H*1,-'(*>,2-7'<((9#""7*8,41(
")30(1-720*(30/*03E6*/(5-(2*B3*. (5) *() 305-28(-9(6720*(?6*05) *03?(36(5) *(C635*/(F5?5*0(?6/(42-B3/*(3603E)5(
365-(6720*(?6*05) *03?(-6(5) *(365*26?53-6?,(*B*,A(D) ?,,*6E*0(5-(6720*(?6*05) *03?(42?1531*I(5)31?,(
1-603/*2?53-60I(?6/(1722*65(52*6/0(36(6720*(?6*05) *03?(. 3,,(+(*V4,-2*/A(") *(2-,*(-9(5) *(! @*231?6(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
! 00-13?53-6(-9(\$720*(! 6*05) *53050(?6/5) *(%65*26?53-6?, (T*/ *2?53-6(-9(\$720*(! 6*05) *53050(. 3,, (+*(
42*0*65*/(?6/(/301700*/A(
(
R(L#G\$I" ! 2*14H*1, -'(* >, 2-7' <<<((9#" 7*8, 41(
") 30(0*@36?2(. 3,, (42-B3/*(6720*(?6*05) *03?(057/*650(. 35)(?6(-B*2B3*. (-9(?6*05) *03?(*@4, -8@*65(
?22?6E* @*65I(1-652?150I(+3,, 36E(2*0732* @*650I, *E?, (3007*0I(?6/(-5) *2(+7036*00(2*, ?5*/(3007*0(-2(@?55*20(
2*, ?5*/(5-5) *(42?1531*(-9(?6*05) *03?A(
(
R(L#GG\$" C-1, +"" ., 2, +-. ! 2*14H*1, -': 7-+4, +*' <((6#

!""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/(*0123453-60(?2*(?B?3,?+,*(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
R(L#GG%" R371*! 2*14H*1, -'<> >*71,02'<<(B#"7*8,41(
")*(3@@*203-6(. 3,,(42-B3/*(6720*(?6*05) *03?(057/*650(. 35)(?6(-44-2576358(5-(?1)3*B*(04*13?,58(
1-@4*5*61*(?5(5) *(42?1531*/(-15-2?5*(,*B*,A(! 6*05) *03?(1,3631?,(42?1531*(30(4,?66*/(+*5. **6(5) *(057/*65(
?6/(5) *(9?17,58(.)3,*(1,3631?,(*V4*23*61*0(?2*(1-@4, *5*/(B3?(5) *(?00305?61*1(0744-25(?6/(,*?/*20)34(-9(
5) *(?442-B*/(1,3631?,(42*1*45-20(?6/(1,3631?,(035*(1--2/36?5-20A(") 30(30(5) *(0*1-6/36(?0*23*0(-9(5)2**(
1,3631?,(2*03/*618(1-720*0A\2?/*/(FHCA(
"K*(\$F\=ZZaA(MN*0732*/I(P2*B3-700A(
(

(
R(L#GGI" R371*! 2*14H*1, -'<> >*71,02'<<((B#"7*8,41(
")*(3@@*203-6(. 3,,(42-B3/*(6720*(?6*05) *03?(057/*650(. 35)(?6(-44-2576358(5-(?1)3*B*(04*13?,58(
1-@4*5*61*(?5(5) *(42?1531*/(-15-2?5*(,*B*,A(! 6*05) *03?(1,3631?,(42?1531*(30(4,?66*/(+*5. **6(5) *(057/*65(
?6/(5) *(9?17,58(.)3,*(1,3631?,(*V4*23*61*0(?2*(1-@4, *5*/(B3?(5) *(?00305?61*1(0744-25(?6/(,*?/*20)34(-9(
5) *(?442-B*/(1,3631?,(42*1*45-20(?6/(1,3631?,(035*(1--2/36?5-20A(") 30(30(5) *(5)32/36(?0*23*0(-9(5)2** (1,3631?,(

!""#\$%&\$("\$) * (+, -, (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5) * ,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((5) *(,39*04?6(*61-765*2*/(36(423@?28() *?5)(1?2*(0*5536E0A(") *(1-720*(365*E2?5*0(?00*00@*651(1722*65(2*0*?21)(936/36E0(?6/(5) * -28(365-(5) *(/3?E6-0531(2*?0-636E(?6/(@?6?E* @*65(-9() *?5)(1?2*A(D-61*450(-9() *?5)(42-@-53-6(?6/(@?365*6?61*I(?653134?5-28(E73/?61*I() *?5) *(/71?53-61(+*) ?B3-2?,(@?6?E* @*65(052?5*E3*0(?6/(9?@3,8(9-170*/() *?5)(1?2*(?2*(* @4) ?03J*/A(D,3631?,(*V4*23*61*0(?2*(753,3J*/(9-2(5) *(?44,31?53-6(-9(K6-. ,*/E*(5-(42?1531*A("?K*(\$F\=Za>(-2(\$F\=ZZ: A(MN*0732*/I(P2*B3-700A((R(L#GJ%" : 7, > -7K'" -7*' <> > *71,02((J#" 7*8,41(") 30(52?60353-6-5--42?1531*(3@*@203-6(*V4*23*61*(42*4?2*0(5) *(057/*65(9-2(?6(*6528(*B*,(T\$P(2-, *A(") *(3@*@203-6(42-B3/*0(?/*45) I(+2*?/5) I(B-, 7@*(?6/(365*60358(-9(1,3631?,(52?3636E(6*1*00?28(5-(@?6?E*(4?53*650(36(5) *(*B-, B36E(?6/(3612*?036E,8(1-@4,*V() *?5) 1?2*(*6B32-6@*65A(F*@36?20(5) ?5(?//2*00(T?@3,8(\$720*(P2?15353-6*2(2*,?5*/(5-4310(?6/(2-, *3007*0(?2*(-99*2*/(5-) *4(5) *(057/*65(52?60353-6(365-(42?1531*A("?K*(\$F\=ZZ>(-2(\$F\=ZaZa(MN*0732*/I(P2*B3-700A() ("?K*(\$F\=ZZ: (-2(\$F\=Za>A(MN*0732*/I(P2*B3-700A() ("?K*(\$F\=ZZ; (-2(\$F\=Za: A(MN*0732*/I(P2*B3-700A((R(L#G%&" () *+, -. /0), +1((\$#6'" 7*8,41(") 30(1-720*(. 3,,(*V4,-2*(?04*13?,(5-431(5) ?5(30(2*, *B?65(5-(5) *(1722*65() *?5)(1?2*(*6B32-6@*65A(((") *(04*13?,(5-431(+*36E/301700*/(1?6(1) ?6E*(*?1) (0* @*05*21(05?836E(1722*65(. 35) () *?5)(1?2*(52*6/0(?6/(1-61*260(-9(5) *(1-@@@76353*0(. *(0*2B*A((F* * (1-720*(0*153-6(1-@@@650(9-2/(/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*B3*. */(?5(@?23?6A*/7H2*E3052?2A((R(L#G%9" "377*24'/0), +1', 2': 7, > -7K'" -7*(\$#" 7*8,41(") 30(1-720*(. 3,,(*V4,-2*(?04*13?,(5-431(5) ?5(30(2*, *B?65(5-(5) *(1722*65() *?5) 1?2*(*6B32-6@*651(*AEA(&43-3/(#43/*@311(X7@?6("29931K36EI(" * *6(F7313/*I(\76_3-, *61*I(F,9=D?2*I(&+*0358(#43/*@311(*51A(") *(04*13?,(5-431(+*36E/301700*/(. 3,,(1) ?6E*(*?1) (0* @*05*21(05?836E(1722*65(. 35) () *?5)(1?2*(52*6/0(?6/(1-61*260(-9(5) *(1-@@@76353*0(. *(0*2B*A(") 30(1-720*(30(-4*6(5-(?.,(E2?/7?5*(672036E(057/*650(?0(. *,(?(0(E2?/7?5*(057/*650(92-@(-5) *2(42-E2?@0A((R(L#GII" <28*) *28*24'(438K((\$#" 7*8,41(%6/*4*6/*65(057/8(36(5) *(93*,/(-9(672036EA((R(L#J&\$" ! 2-.K4,+-. 'S*4H081';07'4H*/7-21.-4,02' [;'P=-,8*2+*' <240': 7-+((6#" 7*8,41(") 30(1-720*(0*2B*0(?0(?6(3652-/7153-6(5-(361-24-2?536E(52?60,?53-6?,(2*0*?21)(365-(1,3631?,(42?1531*A((#00*653?,(1-@4-6*650(5-(52?60,?53-6?,(2*0*?21)(361,7/*(123531?,(?6?,8030(-9(1,3631?,(42?1531*(E73/*,36*0I(42-R*15(42-4-0?,(/*B*, -4@*65I(?6/(07?6535?53B*(?6/(07?,35?53B*(?6?,8531?,(@*5) -/0(5-(*B?,7?5*(42-R*15(*99*153B*6*00A("?K*(\$F\=S; aA(MN*0732*/I(P2*B3-700A((R(L#J&9" (K14*>1'-28': 7057->': .-22,25';07` 3-.4K'<>)70=* > *24((6#" 7*8,41(") 30(1-720*(9-170*0(-6(5) *(2-,*(-9(5) *(G\$P(36(5) *(42?1531*(0*5536EA(") *(1-720*(. 3,,(*V4,-2*(4-,3531?,(0K3,0I(

!""#\$%&\$'()*+*,.-./0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=>(?1?/*@31(8*?2A(!,,(2*?,-53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*,(3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(

R(L#J&@" : 70;*11,02-.\'*-8*71H,)'-28'''0..-M07-4,02((6#'''7*8,41(
)30(1-720*(9-170*0(-6(@*5)-/0(9-2(*99*153B*(1-@@7631?53-6I(1-69,315(2*0-,753-6I(?/B-1?18(?6/(
365*242-9*003-6?,(1-.,?+-2?53-6(5-(3@42-B*(?6/(52?609-2@())*?,5)(1?2*A(")*(057/*65(. 3,,(42?1531*(?99*153B*(
5*?@(*?/*20)34I(9?13,35?5*(5*?@976153-6(?6/(-B*21-@*(+?223*20(5-(365*2=42-9*003-6?,(42?1531*A(
(

(

R(L#J&B" <2;07>-4,02'S-2-5*>*24'40'<>)70=*'N*-4H+-7*((6#'''7*8,41(
)30(1-720*(9-170*0(-6(369-2@?53-6(5*1)6-, -E8(?6/(350(?44,31?53-6(36())*?,5)1?2*(0*5536E0A(#@4)?030(30(-6(
5)*(?6?,8030I(3@4,*@*65?53-6(?6/0*,*153-6(-9(0805*@0(5-(3@42-B*)*?,5)1?2*A(
(

(

R(L#J&G" TR: ': 70c*+4'<((\$#'''7*8,41(
)*(G\$P(P2-R*15(1-720*(0*23*0(42-B3/*0(5)*057/*65(?(@*65-2*/(-44-2576358(5-(365*E2?5*(5)*(G\$P(
*00*653?,0(365-(42?1531*(?6/(/*@-6052?5*(1,3631?,(01)-,?20)34(+8(. ?8(-9(?936?,(01)-,?2,8(42-R*15(MBA*AI(G\$P(
42-R*15Q(?3@*/5-(3@42-B*(0805*@H42?1531*(-751-@*0A(")*(G\$P(42-R*15(@?8(5?K*(-6(B?23-70(936?,(9-2@0(
/*4*6/36E(-6(5)*(057/*65U0(?2*?(-9(?/B?61*/(672036E(42?1531*A(")30(93205(-9(?(<=1-720*(0*23*0(9-170*0(-6(
4,?6636E(M*AEAI(3/*653931?53-6(-9(5)*(4)*6-@*6-6(-9(365*25*05?6/(42-4-0?,(/*B*, -4@*650(-9(5)*(G\$P(
42-R*15A(\2?*/(FHC(
"?K*(L(E2-74(M"?K*(\$F\=S; L(H"?K*(\$F\=S; : (\$F\=S; a(\$F\=a; L0A(MN*0732*/I(P2*B3-700A(
(

(

R(L#J&J" TR: ': 70c*+4'<<((\$#'''7*8,41(
)*(G\$P(P2-R*15(1-720*(0*23*0(42-B3/*0(5)*057/*65(?(@*65-2*/(-44-2576358(5-(365*E2?5*(5)*(G\$P(
*00*653?,0(365-(42?1531*(?6/(/*@-6052?5*(1,3631?,(01)-,?20)34(+8(. ?8(-9(?936?,(01)-,?2,8(42-R*15(MBA*AI(G\$P(
42-R*15Q(?3@*/5-(3@42-B*(0805*@H42?1531*(-751-@*0A(")*(G\$P(42-R*15(@?8(5?K*(-6(B?23-70(936?,(9-2@0(
/*4*6/36E(-6(5)*(057/*65U0(?2*?(-9(?/B?61*/(672036E(42?1531*A(")30(0*1-6/(-9(?(<=1-720*(0*23*0(9-170*0(
-6(5)*(3@4,*@*65?53-6(-9(5)*(G\$P(42-R*15A(\2?*/(FHC(
"?K*(\$F\=a; ZA(MN*0732*/I(P2*B3-700A(
(

(

R(L#J&%" TR: ': 70c*+4'<<<((\$#'''7*8,41(
)*(G\$P(P2-R*15(1-720*(0*23*0(42-B3/*0(5)*057/*65(?(@*65-2*/(-44-2576358(5-(365*E2?5*(5)*(G\$P(
*00*653?,0(365-(42?1531*(?6/(/*@-6052?5*(1,3631?,(01)-,?20)34(+8(. ?8(-9(?936?,(01)-,?2,8(42-R*15(MBA*AI(G\$P(
42-R*15Q(?3@*/5-(3@42-B*(0805*@H42?1531*(-751-@*0A(")*(G\$P(42-R*15(@?8(5?K*(-6(B?23-70(936?,(9-2@0(
/*4*6/36E(-6(5)*(057/*65U0(?2*?(-9(?/B?61*/(672036E(42?1531*A(")30(30(5)*5)32/(-9(?(<=1-720*(0*23*0(
9-170*0(-6(5)*(*B?,7?53-6(?6/(/300*@36?53-6(-9(5)*(G\$P(42-R*15A(
"?K*(\$F\=a; aA(MN*0732*/I(P2*B3-700A(
(

(

R(L#J%&

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
RQ! # \$9&" ?328->*24-.1'0;'R371,25((G#"7*8,41(
")*(057/*65(. 3,,(3/*65398(+?031() 7@?6(6**/0(?6/(/*B*, -4(1-61*457?,(0K3,,0(2*0732*/(9-2(5) *2?4*7531(
672036E(365*2B*653-60(. 35)(17,572?,,8(/3B*20*(36/3B3/7?,0A(F57/*650(. 3,,(,*?26(+*E36636E(1-61*450(-9(0?9*581(
369-2@?5310I(?6/(4?53*65

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

! ""#\$%&\$'(") * (+, -, . (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*/(*0123453-60(?2*(?B?3, ?+, *(36(5) *(, 3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
RQ! #9J&" R371,25"" -)1402*((G#"7*8,41(
Y73,/36E(74-6(^*/HF72E(%(?6/(7036E(5) *(, ?5*05(*B3/*61*(9-2(4?53*65=1*65*2*/(1?2*I(5) *(057/*65(. 3,, (
1-65367*(5-(?003@3, ?5*(365-(5) *(672036E(2-, *(?6/(753,3J*(@-2*(?/B?61*/(4081) -@-5-2(0K3,, 0(36(?B?23*58(-9(
123531?, I(72E*65I(?6/(*@*2E*65(0*5536E0A r 7?, 358(0805* @0(36(4, ?1*(36(5) *(1,3631?, (0*5536E(. 3,, (+*(3/*65393*/(
?6/(*B?, 7?5*/(9-2(5) *32(*99*150(-6(3@42-B* @*65(-9(0?9*(4?53*65(1?2*A(F57/*650(?2*(42-B3/*/(
-44-2576353*0(5-(?/@36305*2(1-, ,, ?+ -2?53B*I(5*1) 6-, -E31?, ,8(1722*65(1?2*(5-(36/3B3/7?, 0((V4*23*6136E(
123531?, (3,, 6*00(?6/(7605?+, *(?175*(1-6/353-60A(F57/*650(. 3,, (42-B3/*(5-5?, (1?2*(9-2(?5, *?05:(4?53*650(36(5) *(
?175*1?2*I(123531?, =1?2*(?6/(*@*2E*65(1?2*(0*5536E0A(
"?K*(\$C! =: ; ; A(MN*0732*/I(P2*B3-700A(]"?K*(\$C! =: a; DA(MN*0732*/I(D-61722*650A(
(

RQ! #9J&"" R371,25"" -)1402*"" .,2,+-.((#""7*8,41(
\$C! =: a; (1,3631?, A(
"?K*(\$C! =: a; A(MN*0732*/I(D-61722*650A(
(
RQC#@J&"

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/* @31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
) *? ,5)(?442-?1) *0(5-(4-47,?53-6() *? ,5) I(/30*?0*(1?70?53-6(?6/(42*B*653-6S * @4) ?0J36E() *? ,5) (3007*0(
5) ?5(?99*15(0-13*58(?0(?(.) - ,*(?0(. * ,, (?0(B7,6*2?+, *(4-47,?53-60A(
" ?K*(F&D=L; LA(MN*O732*/I(P2*B3-700A(
(

: CN#6&\$" <247083+4,02'40'P),8* >,0.05K((6#"7*8,41(
") 30(1-720*(3652-/71*0(5) *(+?031(1-61*450(?6/(@*5) -/0(-9(*43/* @3-, -E8(. 35) (?9-170(-6(?44,31?53-6(5-(
@7,534, *(/-@?360(-9(47+,31() *? ,5) A(") *(1-720*(*6?+, *0(057/*650(5-(76/*205?6/(5) *(/30523+753-6(-9() *? ,5) (
*B*650(36() 7@?6(4-47,?53-60(?6/(5) *(@*5) -/0(-9(?00*00@*65(+8(5) *(70*(-9(@-2+3/358(?6/(@-25?,358(
/?5?A(D2-00=,305*/(?0(Y%&=<; LA(
(

: CN#66&" ?->Y'"H,872Y'O':).'Fa'T,1-M,,4,*1((6#"7*8,41(
F57/*650(. 3,, /**4*6(5) *32(K6-. , * /E*(-9(9?@3,3*0I(1)3, /2*6(?6/(5) *(4*-4, *(. 35) (/30?+3,353*0A(") 30(1-720*(30(
?(2*B3*. (-9(5) *(. ?80(36(.) 31)(42-9*003-6?,0(. -2K(5-E*5) *2(36(0744-2536E(1)3, /(?6/(9?@3,8(2*03,3*618(
. 35) 36(5) *(1-65*V5(-9(1-@4, *V(3007*0I(071) (?0(/3B-21*I(1)3, /(?+70*(?6/(6*E, *151(?6/(3,,6*00(?6/(*?5) (-9(
9?@3,8(@* @+ *20A(") 30(1-720*(?,0-(9-170*0(-6(1722*65(0-13?,0805*@0(?6/(5) *(4-,313*0(5) ?5(?99*15(5) *(
. * ,9?2*(-9(9?@3,3*0(?6/(1)3, /2*6I(?0(. * ,, (?0(B?23-70(9-2@0(-9(9?@3,8(976153-6?,358A(") 30(1-720*(42-

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?6/(?6(-44-2576358(5-(42?1531*(?6?,8030(0K3,,0(36/3B3/7?, ,8(?6/(36(0@?, ,(E2-740I(+?,?6136E(5) * -28(?6/(
42?1531*A(" -4310(?//2*00*/(361,7/*(6*E-53?53-6I(@*/3?53-6I(6-6B3-, *65(1-@@7631?53-6I(?6/(
2*1-613,3?53-6I(?6/(. 3,,(361,7/*(9725) *2(*V4, -2?53-6(-9(365*2E2-74(/86?@310h(4236134, *0(?6/(76/*2,836E(
4)3,-0-4)3*0(-9(6-6=B3-, *61*h(?6/(0-13?,(013*61*(4236134, *0(5-(76/*205?6/(1-69,315(?6/(42-@-5*(4*?1*A(
")30(1-720*(30(-6,8(-99*2*/(5)27(5) *(^! P(42-E2?@A(
(
: CN#6%&' () *+, -. /0) ,+1',2': 3M.,+'N*-.4H((\$#6'''7*8,41(
F4*13?,(5-4310(?0(/**@*/(6*1*00?28M(F** (1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(
07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
: CN#@G&'

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*? , =
53@ * (1-720 * (/ * 0123453-60(?2*(?B?3,?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
: N\#\$6&'' N3> -2'R-437*' -28': *7102((6#''7*8,41(
")30(1-720*(?//2*00*0(.) ?5(35(30(5-(+*() 7@?6(?6/(.) ?5(35(@*?60(5-(+*(?) 7@?6(4*20-6A(P?25317,?2(
*@4)?030(30(E3B*6(5-(*V4, -236E(5) *0*(5) *@*0(. 35)36(5) *(d *05*26(?6/(04*13931?, ,8(D?5) - ,31(4)3, -0-4) 31?,(

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(

: N\#9B&" <247083+4,02'40'(K>MO.,+' \05,+((6#" 7*8,41(
")30(1-720*(30(?6(3652-/7153-6(5-(08@+-,31(-E311(9-17036E(-6(0*65*653?,(?6/(42*/31?5*(,-E31A(T-,,-. 36E(?
E*6*2?,(3652-/7153-6(5-(9-2@?,(-E311(5) *(1-720*(9-170*0(-6(5) *(52?60,?53-6(-9(6?572?,(?6E7?E*(365-(5) *(
08@+-,31(?6E7?E*0(-9(0*65*653?,(-E31(?6/(42*/31?5*(,-E311(?6/(5) *(1-60527153-6(-9/*23B?53-60(M42--90Q(36(
0*65*653?,(?6/(42*/31?5*(,-E31A(
(

: N\#9G&" ! 1,-2': H,.010)H,*1((6#" 7*8,41(
")30(1-720*(30(?B*28(+2-?/(072B*8(-9(@?R-2(4)3,-0-4)31?,(5) *@*0(36(93B*(! 03?6(52?/353-60(S(X36/730@I(
(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
: N\#6%\$'' (*.*+4*8'/0), +1', 2''' -4HO., +' (438, *1((6#'''7*8,41(
N*?/36E0I(/3017003-6(?6/(. 23536E(-6(0*, *15*/(4)3, -0-4)31?, (5-4310(36(D?5) - ,31(057/3*0A(^ ?8(+*(2*4*?5*/(
9-2(12*/35(0361*(07+R*15(@?55*2(B?23*0A(
(
: N\#@%&''' ()*+, -. '/0), +1', 2': H,.010)HK((6#'''7*8,41(
! 66-761*/(04*13?, (5-4310(-6(36/3B3/7?, (4)3, -0-4)31?, (5) * @*0(/*5*2@36*/(+8(5) *(9?17,58(@* @+*20I(
057/*650I(?6/(/*4?25@*65A(") *(1-720*(30(2*1-@* @*6/*/(9-2(@?R-20I(@36-20I(?6/(6-6=@?R-20(M. 35) (05?99(
?442-B?,0(.) -() ?B*(97,93,, */(?5(, *?05(5) */(30523+753-6(2*0732* @*65(-9(5) 2** (12*/350(-9(4) 3, -0-4)8A(F**(
1-720*(0*153-6(1-@* @*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(07@* @*2(: ; : : (1?6(+*(B3*. */(?5(
@?23?6A*/7H2*E3052?2A

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
: Ne#\$\$&\'' L*2*7-.': HK1,+1'<' \-M((#''7*8,41(
PXi=LL; (, ?+A(
''?K*(PXi=LL; A(MN*O732*/I(D-61722*650A(
(
: Ne#\$\$\$'' L*2*7-.': HK1,+1'<<((@#''7*8,41(
P236134, *0(-9(*, *15231358I(@?E6*530@I(-45310I(?6/(@-/*26(4)80310A('')2**(*, *1572*() -720(?6/5. -(, ?+() -720(
4*2(. **KA(
(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(!,,(2*?*,= 53@*(1-720*/(*0123453-60(?2*(?B?3,?+,*(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((F57/*650(. 3,,(*?26(+?0310(-9(*, *15231?,(?6/(*, *152-631(13217350(361,7/36E(3652-/7153-6(5-(?6?, -E(?6/(/3E35?,(*, *152-631(13217350A(^ *?072* @*65(-9(*, *15231?,(03E6?,0(7036E(@*5*201(42-+*01(?6/(-013,, -01-4*0(?2*(1-B*2*/(36(5) *(,?+-2?5-28(1-@4-6*65(-9(5) *(1-720*A(D3217350(?2*/(*03E6*/(9-2(@363@7@())?2/. ?2*(. 35)(*@4)?030(-6(76/*205?6/36E(?6?, -E(?6/(/3E35?,(*, *152-6310(. 35)(42?1531?,(70*(-9(/3E35?,(?6/(?6?, -E(@312-1)340A(" ?K*(PXi =: ; : A(MN*0732*/I(P2*B3-700A((: Ne#96&\ " P. *+4702,+1'\-M(#""7*8,41(PXi =: <; (?+A(" ?K*(PXi =: <; : A(MN*0732*/I(D-61722*650A((: Ne#9@&" S-4*7,-.1((9#""7*8,41(F5271572*(?6/(42-4*253*0(-9(@*5?,0i(4-,8@*201(1*2?@310i(0*@31-6/715-20i(4) -5-631(@?5*23?,0i(?6/(074*21-6/715-20A(P2-4*253*0(-9(6?6-05271572*/(@?5*23?,0A(&6*(, *1572*() -72(?6/(5)2***(,?+(-) -720(4*2(. **K(" ?K*(PXi =: ; : A(MN*0732*/I(P2*B3-700A((: Ne#6\$&" /H*7>-.: HK1,+1((6#""7*8,41(D,?0031?,(5) *2@-/86?@310i(*07?53-60(-9(05?5*I(5) * -23*0(-9) *?5i(K36*531(5) *2-8(-9(E?0*0i(Y-0*(?6/(T*2@3(05?5310i(?6/(322*B*203+3,358A(") 2***(, *1572*() -720(4*2(. **KA(" ?K*(PXi =: L: A(MN*0732*/I(P2*B3-700A(]" ?K*(^! " =<LSA(MN*0732*/I(P2*B3-700A

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
: Ne#@\$&" "377*24'/0), +1', 2': HK1, +1((6#"7*8,41(
D722*65/*B*, -4@*650(36(4)80310(361,7/36E(671, *?2(5) * -28l(*, *@*65?28(4?2531, *(5) * -28l(074*208@@*6528(
?6/(05236E(5) * -28A(") 2**(*1572*) -70(4*2(. **KA(

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, / (-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

: [\#\$BB'' <247083+4,02'40': *-+*' (438,*1((6#''7*8,41(

! 6(3652-/7153-6(5-(5) *(057/8(-9(4*?1*(?6/(6-6=B3-, *61*I(. 35)(?04*13?, (*@4)?030(-6(5) *(4*204*153B*(-9(4-,3531?,(013*61*A(') *(1-720*(. 3,,(+*(/3B3/*/(365-(5. -(4?250'(5) *(93205(. 3,,(9-170(-6(3@4-25?65(1,?0031?,(5*V50(?6/()305-231?,(1?0*0(5) ?5(?//2*00(3007*0(-9(4*?1*(?6/(6-6=B3-, *61*h(5) *(0*1-6/(4?25(. 3,,(9-170(-6(1722*65(1-652-B*203*0(36(5) *0*(?2*?0A(

(

: [\#9&G'' !)).,*8': 0.,4,+-. '(+,*2+*' (4-4,14,+1((6#''7*8,41(

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
: [\#6BJ" " , = , ' U -71' -28'P4H2, +'' 02; , , +41((6#' 7*8,41(
#V?@36*0(5) *(4) *6-@*6?(-9(13B3, (. ?20(92-@5) 2**(?6?,8531?,(4*204*153B*0'(5) * -28I(1?0*(057/3*0I(?6/(
4- ,318(3@4,31?53-60A(") *(1?70*0(-9(13B3, (. ?20(?6/() - . (?6/(.)8(5) *8(*6/I(4-003+, *(0-,753-60(9-2(*5) 631(
1-69,3150I(?6/5) *(B?23*58(-9(4- ,318(-453-60(9-2(-7503/*(?15-20(071) (?0(365*26?53-6?, (-2E?63J?53-60I(6-6=
E-B*26@*65?,(-2E?63J?53-60I(?6/(6?53-6=05?5*0(MB61,7/36E(5) *(C635*/(F5?5*0Q(?2*(V4, -2*/A(") 30(1-720*(
4?253?, ,8(0?53093*0(5) *(E*6*2?,(* /71?53-6(2*0732* @*65(36(5) *(17,572?,(? . ?2*6*00(1?5*E-28A(
(
: [\#

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,-/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((([\#@G&" <24*721H,) ',2': 0.,4,+-. '(+,*2+*((9#@'"7*8,41(%65*260)34(. 35)(5)*(%6/3?6?(\ *6*2?,(! 00*@+,81(%6/3?6?4-,30(D358=D-7658(D-7613,I(-2(-5)*2(E-B*26@*65(?E*618A(d 2355*6(2*4-250(?6/(2*E7,?2(1-69*2*61*0(. 35)(1-720*(1--2/36?5-2(2*0732*/(9-2(97,,(12*/35A(")*0*(12*/350(/(-6-5(1-765(5-. ?2/(5)*(@?R-2(-2(@36-2A(^ ?8(*62-,,(9-2(5. -(5-(9-72(12*/350A\2?/*/(FHCA("?K*(Z: (12*/350A(MN*0732*/I(P2*B3-700A((([\#@I &" (*2,07': 0.,4,+-. '(+,*2+*((* >,-2-7((6#"7*8,41(%65*603B*(2*?/36E(?6/(/3017003-6(-9(@?R-2(3007*0(36(4-,3531?,(013*61*(?0(?(/30134,36*A!(003E6*/(2*?/36E0(?2*(,36K*/(5-(5)*E*6*2?,(* /71?53-6(5)*@*(-9(5)*8*?2I(?6/(057/*650(?2*(2*0732*/(5-(?55*6/(1-6B-1?53-60A(! (9-2@?,(. 2355*6(42-R*15(30(2*0732*/A("?K*(` >(12*/350A(MN*0732*/I(P2*B3-700A((([\#@I I " <28*)*28*24'(438K((6#"7*8,41(\73/*/(2*?/36E0(?6/(2*0*?21)A((((e#\$\$&" L*2*7-.' : 1K+HO.05K((6#"7*8,41(")30(1-720*(0*2B*0(?0(?+2-?/(3652-/7153-6(5-(5)*93*/(-9(1-65*@4-2?28(4081)-,-E8I(.)31)(30(*V4,-2*/(?0(?(013*61*1(?42-9*003-6I(?6/(?(@*?60(-9(42-@-536E) 7@?6(. * ,9?2*A(F57/*650(?2*(V4-0*/(5-(4081)-,-E8(?0(+5)(?6?572?,(?6/(0-13?,(013*61*(5)2-7E)(2*?/36E(?003E6@*650I(*1572*0I(/3017003-60I(?6/(/*@-6052?53-60A(d 23536E(?003E6@*650(2*9,*1536E(123531?,(5)36K36E(?2*(2*0732*/A(") 30(1-720*(0?53093*0(E*6*2?,(* /71?53-6(1722317,7@0(05?6/?2/0(9-2(+*)?B3-2?,(?6/(0-13?,(K6-. ,*/E*A((((e#9&\$\$" "-7**71'O'!) ,,+4,021'0;': 1K+((\$#"7*8,41(")30(1-720*(9-170*0(-6(1?2**2(4,?6636E(?6/(42-9*003-6?,(/*B*, -4@*65(9-2(4081)-,-E8(@?R-20A(! (1-@+36?53-6(-9,(*1572*1(2*?/36E0I(?6/(V*2130*0(?2*/03E6*/(5-(?00305(057/*650(36(5)* (1,?23931?53-6(?6/(0*,*153-6(-9(?1?2**2(36(4081)-,-E8(-2(?2*,?5*/(93*,/A"-4310(. 3,,(361,7/*(?6(-B*2B3*. (-9(5)* (76/*2E2?/7?5*(@?R-2(36(4081)-,-E8I(1?2**2(-453-60(36(4081)-,-E8(?6/(2*,?5*/(93*,/0I(42*4?2?53-6(9-2(*@4,-8@*65(. 35)(?+?1)*,-2f0(/*E2**I(42*4?236E(9-2(?6/(0711**/36E(36(E2?/7?5*(01)-,-I(?6/(?44,836E(9-2(?R-+(-2(5-(?E2?/7?5*(42-E2?@A("?K*(PFI=L; L(-2(PFI=: : ; A(MN*0732*/I(P2*B3-700A((((e#9&B" (4-4,14,+-. 'S*4H081((6#"7*8,41(Y?031(1-61*450I(70*0I(?6/(@*5)-/0(-9(05?530531?,(1-@475?53-6I(361,7/36E(/*0123453B*(05?5305310I(1-22*,?53-6I(42-+?+3,358I(*053@?53-6I(0?@4,36EI(/*03E6I) 84-5)*030(5*0536EI(5=5*050I(! \$&_! 0I(?6/(D)3(007?2*(?2*(42*0*65*/A(") 30(30(?1-@475?53-6?,(?6/(365*242*5?53-6?,(05?5305310(1-720*(/*03E6*/(5-(42*4?2*(057/*650(9-2(744*2/3B303-6HE2?/7?5*(1-720*0(36(2*0*?21)I(/?5?(*B?,7?53-6I(?6/(?6?,8531?,(2*?0-636EA(C0*(-9(1-@475*2(0-95. ?2*(9?13,35?5*0,(*?2636EA(T** (2*0732*/A(") 30(1-720*(4?253?,8(0?53093*0(5)*E*6*2?,(* /71?53-6(2*0732*@*65(36(5)* (013*653931(?6/(07?6535?53B*(76/*205?6/36E(1?5*E-28A("?K*(^! "=: `S(^! "=\# \$P(^! "=\# \$(-2(#WD=Y! DXA(MN*0732*/I(P2*B3-700A((((e#9\$B" T-4-'! 2-.K1,1',2'(: (((\$#"7*8,41(! 44,3*/(1-720*(36(5)* (70*(-9(5)* (FPFF/?5?(?6?,8030(0-95. ?2*(9-2(/*0123453B*(?6/(369*2*653?,(05?530531?,(?6?,8030A(F57/*650(. 3,,(70*(FPFF(9-2(5)* (1?,17,?53-6(?6/(365*242*5?53-6(-9(@*?072*0(-9(1*652?,(5*6/*618I(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
@*?072*0(-9(B?23?+3,358(1-22*,?53-6(?6/(2*E2*003-6I(5=5*050I(! \$&_! I(?6/(D)3(F07?2*(F57/*650(. 3,,(+*(
*V4*15*/(5-(1-@4,*5*(@7,534,* (42-R*150(5) ?5(2*0732*(05?530531?,(?6?,8030(?6/(. 2355*6(365*242*5?53-6A

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*,(3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((@*5)-/0(70*/(5-(057/8(05*2* -58436E(?6/(42*R7/31*A(" -4310(361,7/*(05*2* -584*(9-2@?53-6I(05*2* -584*(?11*00(36(0-13?,(0357?53-60I(0-13?,(1?5*E-23J?53-6I(365*2E2-74(?6/(3652?E2-74(2*,?53-60I(@*5)-/0(70*/(5-(2*/71*(42*R7/31*(?6/(05*2* -584*(?44,31?53-6(36(0-13?,(0357?53-60I(?6/(5)* (0-13?,(369,7*61*0(-6(42*R7/31*(?6/(05*2* -58436EA(F57/*650(. 3,,(+*(V4*15*/(5-(1-@4, *5*(?(1,?00(2*0*?21)(42-R*15(. 35)(2*0*?21)(4?4*2A("?K*(Pfi=L; L(-2(Pfi=: ; A(MN*0732*/I(P2*B3-700A((: (e#6\$B'' : 1K+HO.05K'O;'S04,=-4,02((6#''7*8,4I(!6(*V?@36?53-6(?6/(?6?,8030(-9(3@4-25?65(?2*?0(-9(2*0*?21)(36(@-53B?53-6(361,7/36E(4)803-, -E31?,/(23B*0(2*,?5*/(5-(*?536E(?6/(0*V7?,(+*)?B3-20I(5)* (3@4?15(-9(052*00(?6/(*@-53-6(-6(+*)?B3-2I(?6/(5)* (2-,*(-9(,*?26*/(?6/(0-13?,(@-53B?53-6?,(05?5*0A(D,?0031?,(?6/(@-/*26(5)* -23*0(-9(@-53B?53-6(?2*/(301700*/A("?K*(Pfi=L; L(-2(Pfi=: ; A(MN*0732*/I(P2*B3-700A((: (e#69B'' (0+,-.: 1K+HO.05K((6#''7*8,4I(")30(1-720*(30(?057/8(-9(5)* -2*531?,(?6/(*@43231?,(9-76/?53-60(-9(36/3B3/7?,(0-13?,(+*)?B3-20I(361,7/36E(0-13?,(1-E6353-6(?6/(4*21*453-6I(?55357/*(9-2@?53-6(?6/(1)?6E*I(42-0-13?,(+*)?B3-2I(42*R7/31*I(?EE2*003-6I(365*24*20-6?,(?552?153-6I(E2-74(369,7*61*0I(?6/(?44,3*/(, *E?,(3007*0A(N*0*?21)(42-4-0?,0I(?6?,8531?,(4?4*20I(?6/(. 2355*6(?6?,80*0(-9(R-726?,(?2531,*0(0744,*@*65(5*V5(@?5*23?,A("?K*(Pfi=L; L(-2(Pfi=: ; A(MN*0732*/I(P2*B3-700A(("?K*(Pfi=: S; A(MN*1-@*6/* /I(P2*B3-700A((: (e#66&'' N*- .4H': 1K+HO.05K((6#''7*8,4I(")30(1-720*(30(?6(-B*2B3*. (-9(5)*(2?43/,8/*B*, -436E(93*,/(-9())*?5)(4081)-, -E8I(.)31)(?44,3*0(*@43231?,8=+?0*/(4081)-, -E31?,(4236134,*0(5-())*?5)(1?2*1(36(@*/31?,I(*V*2130*I(. -2K(?6/()-0435?,(0*5536E0A(D-603/*2?53-6(30(E3B*6(5-(36/3B3/7?,0(?0(. *,,(?0(360535753-60(0**K36E(5-(42-@-5*(052*00(@?6?E* @*65I())*?5)8(39*058,*(1)-31*0I(?6/(. *,,6*00A(N*?/36E0(?6/(1,?00(?153B353*0*6?E*(057/*650(?6/(0744,*@*65(1-720*(@?5*23?,A(" -4310(361,7/*())*?5)(1?2*(5)310I(17,572?,(9?15-20I(1-436E1(36R728(?6/(52*?5@*65I(4?36(@?6?E* @*65I(?6/(42*B*653B*(365*2B*653-60A("?K*(Pfi=L; L(-2(Pfi=: ; A(MN*0732*/I(P2*B3-700A((: (e#66B'' /H*07,*1'O;': *7102-,4K(6#''7*8,4I(! (057/8(-9(5)* (@?R-2(5)* -2*531?,(4?2?/3E@0(-9(4*20-6?,358I(361,7/36E(4081)-?6?,8531I(52?35I(+*)?B3-2?,I(?6/())7@?630531(@-/*,0A(") *(057/*65(?10732*0(?6(76/*205?6/36E(-9(5)* (@?R-2(5)* -23*0(-9(4*20-6?,358(?,-6E(?1-653677@(-9(013*653931(23E-2I(?5)-2-7E)(76/*205?6/36E(-9())7@?6(1-@@-6?,353*0(?6/(/399*2*61*0I(@36/H+-/8(1-66*153-60I())*2*/35?28(?6/*V4*23*653?,(369,7*61*0I(4081)-4?5)-, -E8(?6/(52*?5@*65(-9(4*20-6?,358(/30-2/*20I(0*,9=K6-. ,*/E*I(?6/(?44,31?53-60(5-(2*,?53-60)340(. 35)(-5)*20A(d23536E(?003E6@*650(0744,*@*65(?003E6*/(2*?/36E0A("?K*(Pfi=L; L(-2(Pfi=: ; A(MN*0732*/I(P2*B3-700A((: (e#6@&'' (O)74': 1K+HO.05K((6#''7*8,4I(")30(1-720*(30(/*03E6*/(5-(3652-/71*(5)* (1-61*450(?6/(?44,31?53-60(-9(4081)-, -E8(5-(5)* (93*,/(-9(04-25A(X305-28(?6/(9-76/?53-60I(*?/*20)34I(@-53B?53-6I(?5), *531(4*29-2@?61*(9?15-20I(6*72-4)803-, -E8(-9(?2-70?,(?6/(?55*653-6I(052*00(?6/(1-436E1(4081)-, -E31?,(0K3,0(52?3636E1(?EE2*003-6(?6/(B3-, *61*(36(04-250I(?6/())*?5)(3007*0(?2*(42*0*65*/A(F4-250(?0(36/3B3/7?,(?6/(5*?@(?153B358(. 35)36(?+2-?/*2(92?@*. -2K(-9(2*12*?53-6(?6/(B-1?53-6(. 3,,(+*(?/*2*00*/A(! (2*0*?21)H5-431?,(4?4*2(. 3,,(0744,*@*65(5*V5I(2*?/36E(?003E6@*650(?6/(?153B353*0A(D2-00=,305*/(?0(#FF=<=>; A(

! ""#\$%&'()* (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , = 53@*(1-720*/(0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A((

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A((

: (e#6@\$" PA*7+,1*': 1K+HO.05K((6#""7*8,41((

")30(1-720*(V?@36*0(5) *(365*2?153B*(369,7*61*0(5) ?5(4081) -, -E31?,(9?15-20(?6/(V*2130*(+*) ?B3-20*(V*25(74-6(-6*(?6-5) *2A(" -4310(361,7/(4081) -, -E31?,(?6/(4081) -+3-, -E31?,(2*04-60*0(5-(V*2130*I(4081) -, -E31?,(5) * -23*0(9-2(76/*205?6/36E(?6/(42*/31536E() *?,5)=-23*65*/(V*2130*(+*) ?B3-2(?6/(4081) -, -E31?,(365*2B*653-60(9-2(3612*?036E*(V*2130*(4?253134?53-6(?6/(?/) *2*61*A(D2-00=,305*/(?(#FF=<>LA(

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A((

: (e#6B&" C*H=-,07-. 'R*3701+, *2+*((6#""7*8,41((

")30(1-720*(30(?6(-B*2B3*. (-9(5) *(,?5*05(936/36E0(92-@5) *(6*72-013*61*0(4*2536*65(5-(2*,?53-60)340(+*5. **6(+*) ?B3-2(?6/(5) *(6*2B-70(0805*@1(361,7/36E(5) *(6*72?,(?6/(1) *@31?,(42-1*00*0(76/*2,836E(0*60?53-6I(@-53B?53-6I(,*?2636E(1-E6353-6I(?6/(/30-2/*20A(G300*153-60(?6/(0744,*@*65?,(2*?/36E0(?2*(2*0732*/A(

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A((

: (e#6B\$" T7351'-28'C*H=-,07((6#""7*8,41((

")30(1-720*(1-B*20(5) *(+?031(4236134,*0(-9(4081) -4)??@?1-, -E8(?6/(5) *(99*150(-9(5) *2?4*7531(?6/(3,,*E?,(/27E0(-6(5) *(+2?361(+*) ?B3-2I(?6/(4081) -, -E31?,() *?,5)A(") *(+3-, -E31?,I(4081) -, -E31?,I(?6/(0-13-, -E31?,(2*?0-60(9-2(27E=0**K36E(+*) ?B3-2(?6/(1) *@31?,(/*4*6/*618(3,,(+*/(301700*/(?(0. *,,(?0(52*?5@*65(?6/(42*B*653-6(@*5) -/0A(

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A((

: (e#6BB" : 1K+HO.05K'O;'E*.,5,02((6#""7*8,41((

! 6(36B*053E?53-6(-9(5) *(365*22*,?5*/6*00(-9(4081) -, -E8(?6/(5) * -, -E8(36(5) *(057/8(-9(2*,3E3-70*(V4*23*61*(?6/(0432357?,(/*B*, -4@*65A(") *(057/8(-9(5) *(2*,3E3-70(?04*150(-9(5) *(4*20-6(30(?4442-?) */(92-@B?23-70(4081) -, -E31?,(?6/(5) * -, -E31?,(4*204*153B*0A(D2-00=,305*/(?(0("XW=<SSA(

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A(("?K*("XW=L; S(-2("XW=L; SFA(MN*0732*/I(P2*B3-700A((

: (e#6G&" <24*721H,)',2': 1K+HO.05K((9#6""7*8,41((

F57/*650(?2*(4,?1*/(36(?074*2B30*/(V4*23*61*(36(4081) -, -E8(-2(?2*,?5*/(93*,/(?11-2/36E(5-(5) *32(1?2*2(365*2*050(?6/(?1?/*@31(?+3,353*0A(! (@363@7@(-9(93B*) -720(4*2(. **K(-9(-6-5) *R-+(. -2K(30(2*0732*/(5-(*?26(*?1) (12*/35A(F57/*650(?2*(B?7,7?5*/(+8(5) *32(-6-5) *R-+(074*2B30-2(?6/(+8(?R-726?,(07+@355*/(5-(5) *(@-635-236E(9?17,58(@*@+*2A(")30(1-720*(@?8(+*(2*4*?5*/(9-2(?6(?117@7,?5*/(5-5?,(-9(03V(12*/350A(\2?/*/(FHCA((

: (e#6GB" : 1K+HO.05K'O;'! 80.*1+*2+*((6#""7*8,41((

")30(1-720*(30(?057/8(-9/*B*, -4@*65?,(3007*0(?6/(V4*23*61*0(-9(?/-,*01*61*(B3*. */(92-@(@?R-2(5) * -2*531?,(4*204*153B*0A(! /-, *01*65(/*B*, -4@*65(30(057/3*/(?(0(?/86?@31(365*2?153-6(-9(4)8031?,I(1-E6353B*(?6/(0-13?,H1-65*V57?,(9?15-20A(" -4310(361,7/*(47+*2581(1-E6353-6I(3/*653581(0*V7?,3581(9?@3,8(?6/(4**20I(B?,7*0(?6/(+*,3*90I(?6/(42-+, *@0(-9(8-75)A(! 6?,8531?,() -@*. -2K(?003E6@*650(?6/(?6(365*E2?53B*(42-R*15(?2*(2*0732*/A(

"?K*(Pfi=L; L(-2(Pfi=: ; ; A(MN*0732*/I(P2*B3-700A((

! ""#\$"%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
") 30(1-720*(30(/*03E6*/(5-(42-B3/*(5) *(-44-2576358(9-2(R763-2(?6/(0*63-2(4081) -, -E8(@?R-20(5-(+*E36(?6(
36/*4*6/*65(2*0*?21)(42-R*15(76/*2(5) *(E73/?61*(-9(?9?17,58(04-60-2(5) *8() ?B*(1) -0*6A(F57/*650(

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
("\$&@\

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: > (?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(["#\$@B" <247083+4,02'40'(O+,-.'^314,+*((6#"7*8,41(
%652-/7153-6(5-(F-13?,(q70531*(V4,-2*0(5) *(6?572*(?6/(E-?,0(-9(0-13?,(R70531*(5)2-7E)(?6(?6?,8030(-9(5) *(
0-13-, -E31?,(05271572*0(-9(! @*231?6(0-13*58A(") *(1-720*(361,7/*0(5) *() 305-28(-9(0-13?,(R70531*(0527EE,*0I(
*V4,-2?53-60(-9(0-13?,(36*07?,353*0I(?6/(5) *(2-, *(-9*1-6-@310(?6/(4-,35310(36(07*053-60(-9(R70531*A(") 30(
1-720*(30(2*0732*/(9-2(5) *(4*?1*(?6/(R70531*(057/3*0(@36-2A(
(
(["#9&B" (O+,-.'(+,*2+*(4-4,14,+1((6#"7*8,41(
Y?031(1-61*450I(70*0I(?6/(@*5) -/0(-9(05?530531?,(1-@475?53-6I(361,7/36E(/*0123453B*(05?5305310I((
1-22*,?53-6I(42-+?+3,358I(0?@4,36EI(/*03E6I() 84-5) *030(5*0536E1(5=5*050I(! \$&_! I(2*E2*003-6I(?6/(1)3=007?2*(
5*050(?2*(42*0*65*/A(") 30(30(?1-@475?53-6?,(?6/(365*242*5?53-6?,(05?5305310(1-720*(/*03E6*/(5-(42*4?2*(
057/*650(9-2(744*2(/3B303-6HE2?/7?5*(1-720*0(36(2*0*?21)I(/?5?(*B?,7?53-6I(?6/(?6?,8531?,(2*?0-636EA(CO*(
-9(1-@475*2(0-95. ??*(9?13,35?5*0,*(?2636EA(") 30(1-720*(0?53093*0(5) *(E*6*2?,*/71?53-6(05?6/?2/0(9-2(
9-76/?53-6?,(365*,,*157?,(OK3,,0(36(07?6535?53B*(2*?0-636EA(
"?K*(^! "=: `SA(MN*1-@@*6/*/I(P2*B3-700A(
(
(["

! ""#\$%&\$('\$) * (+, -. (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@ * (1-720* (/ * 0123453-60(?2*(?B?3, ?+, *(36(5) * (.3B* (C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
["#9%&" () * +, -. / 0) , +1', 2'(0+, 0.05K((\$ #6""7*8,41(
N*? / 36E01(/ 3017003-60I(?6/(. 23536E(-6(0*, *15* / (5-4310A((F** (1-720*(0*153-6(1-@@*650(9-2(/ * 0123453-6A(
G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
["#6&\$" (0+, -. '(+ , *2+*E*1* -7+H((6#""7*8,41(
! 6(3652- / 7153-6(5-(5) *(+?031(5-- , 0(?6/(@*5) - / 0(-9(0-13?, (2*0*?21) A(Y-5) (07?6535?53B*(?6/(07?, 35?53B*(
42-1* / 72*0(?2*(1-603/*2* / A(F57/*650(?2*(2*0732*/(5- (/ * 03E6(?6/(1?228(-75(? (1-@4, *5*(2*0*?21) (42-R*15(
(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
"?K*(F&D=L; LA(MN*O732*/I(P2*B3-700A(
(
(["#6G&" PA) *7, *24, -. '* -72,25W (O+, -. '^314,+*' <2'! +4,02((9#@''7*8,41(
)2-7E)(1-,,?+-2?53-6(. 35)(1-@@76358(?153B3050I(057/*650(. -2K(9-2(?6/(42-B3/*(0-13?,(R70531*(
-2E?63J?53-60(?6?,8531?,(?6/(2*0*?21)(0K3,0(.)3,*(E?3636E())?6/0=-6(*V4*23*61*(36(5) *(42?1531?,(. -2K(-9(
0-13?,(R70531*A(D-720*(1?6(+*(2*4*?5*/(9-2(74(5-(Z(12*/350h() - . *B*2I(-6,8(<(12*/350(1?6(1-765(?0(?6(
*, *153B*(5-. ?2/(5) *(P*?1*(?6/(q70531*(F57/3*0(@36-2A(\2?/*/(FHCA(
"?K*(F&D=L>SA(MN*O732*/I(P2*B3-700A(
(
(["#6GG" T*-4H'O'TK,25',2'L.OM-.': *71)((6#''7*8,41(
!(1-@4?2?53B*I(?65)2-4-, -E31?,(*V?@36?53-6(-9(1705-@0I(42?1531*0I(?6/(+*,3*90(0722-76/36E(,39*(?6/(
/*?5)A(d) ?5(1-6053575*0(,39*e(d) ?5(/*5*2@36*0(. *,,,=

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
"?K*(F&D=L; LA(MN*O732*/I(P2*B3-700A(]"?K*(Z: (12*/350A(MN*O732*/I(P2*B3-700A(

(
(["#@G&" <24*721H,)' ,2'(O+,0.05K((9#@'"7*8,41(
F57/*650(?2*(4,?1*/36(?074*2B30*/(*V4*23*61*(36(0-13?,(. -2K(-2(0-13?,(013*61*0=2*,?5*/(93*/(?11-2/36E(5-(5)*32(1?2**2(365*2*050(?6/(?!?/*@31(?+3,353*0A(! (@363@7@(-9(93B*() -720(4*2(. **K(-9(-6=5)*=R-+(. -2K(30(2*O732*/(5-(*?26(12*/35A(F57/*650(?2*(?B?,7?5*/(+8(5)*32(-6=5)*=R-+(074*2B30-2(?6/(+8(?R-726?,(07+@355*/(5-(5)*(@-635-236E(9?17,58(@*@+*2A(")30(1-720*(@?8(+*(2*4*?5*/(9-2(74(5-(Z(12*/350A(%65*260)34H0*2B31*(,*?2636E(12*/350(/-(6-5(1-765(5-. ?2/(12*/350(2*O732*/(36(5)*(@?R-2A(\2?/*(FHCA(
"?K*(Z: (12*/350A(MN*O732*/I(P2*B3-700A(

(
(["#@I &" (O+,0.05K'(*>,2-7((6#"7*8,41(
F*@36?2(057/*650(*6E*E*(36(365*603B*(2*?/36E(?6/(/3017003-6(-9(1?405-6*(3007*0(36(5)* (0-13?,(013*61*0(,36K*/(5-(5)* (1-,,*E*=. 3/*(E*6*2?,(* /71?53-6(5)*@*(-9(5)* (8*?2A(P?4*201(1,?00(42*0*65?53-60I(?6/(/3017003-6(?6/(?55*6/?61*(?5(1-,,*E*=. 3/*(B*650(36(0744-25(-9(5)* (E*6*2?,(* /71?53-6(5)*@*(?2*(

!""#\$%&\$'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+*(36(5)*(.3B*(C63B*20358(D?5?,_E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
47+,30)/(36(5)*(0*@*05*2(1,?00(01)*/7,*A(!/B?61*/(1-@@7631?53-6(0K3,0/*B*,-4*/(5)2-7E)(?0*@*05*2(?+2-?/*V4*23*61*(?,0-(?44,8(?0(?04*13?,(5-431A(T-2(12*/350(*?26*/(5)2-7E)(?(057/8(?+2-?/*V4*23*61*1(0*,*15*/(5-4310(?2*(?442-B*/(+8(5)*(?/B30-2(36(F4?630)(?6/5)*(G32*15-2(-9(F57/8(!+2-?/(?5(5)*53@*(-9(?44,31?53-6A("4310(B?28(92-@(-6*(0*@*05*2(5-5)*(6*V5(5-(?,,-.(057/*650(5-(5?K*(5)*(1-720*(@-2*(5)?6(-61*A(D,?00(30(5?7E)5(36(F4?630)A(F***(1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(:;:(1?6(+*B3*.*/(?5(@?23?6A*/7H2*E3052?2A(

(
(: ! #9&&" <24*7>*8,-4*'()-2,1H'<((6#"7*8,41(
F57/*650(. 3.,(*6E?E*(36(17,572?,8(?442-423?5*1(04-65?6*-70(1-6B*20?53-60(-6(1-612*5*(?6/(2*,*B?65(5-4310(-9(365*2*05(?6/(. 235*(?6/(365*242*5(5*V50(-9(3612*?036E(1-@4,*V358(-6(?/3B*20*(2?6E*(-9(5-4310A(F57/*650(. 3.,(?0-(36B*053E?5*(?6/(/301-B*2(17,572?,(42-/7150(?6/(42?1531*0(36(5)*(F4?630)=04*?K36E(-2,/(?6/(1-66*15(5)*@5(-5)*32(-. 6(17,572*0A(")30(1-720*(30(1-6/715*/(36(F4?630)A("K*(FP! =L; ; (-2(FP! =; ; PA(MN*0732*/I(P2*B3-700A(

(
(: ! #9&\$" <24*7>*8,-4*'()-2,1H'<<((6#"7*8,41(
F57/*650(. 3.,(?/B?61*(5)*32(?+3,358(5-(*6E?E*(36(04-65?6*-70(1-6B*20?53-60(?6/(365*242*5(?6/(. 235*(+5)(93153-6?,(?6/(6-6=93153-6?,(5*V50(-6(1-612*5*(?6/(0-@*(?+052?15(5-4310A(F57/*650(. 3.,(?0-(2*0*?21)(17,572?,(42-/7150(?6/(42?1531*0(?6/(1-@4?2*(17,572?,(4*204*153B*0(+*5. **6(5)*32(-. 6(17,572*0(?6/(5)-0*(36(5)*(F4?630)=04*?K36E(-2,/A(")30(1-720*(30(1-6/715*/(36(F4?630)A("K*(FP! =; ; (-2(FP! =; ; LPA(MN*0732*/I(P2*B3-700A(

(
(: ! #9\$6" ()-2,1H';07'S*24-. 'N*- .4H': 70;*11,02-.1((6#"7*8,41(
)30(1-720*(30(/*03E6*/(9-2(@*65?,()*)?,5)(42-B3/*20(?6/(0-13?,(. -2K*20(?55*@4536E(5-(+2*?K(5)2-7E)(,?6E7?E*(?6/(17,572?,(+?223*20(+*5. **6(5)*@0*,B*0(?6/(5)*32(F4?630)=04*?K36E(1,3*650A(")30(1-720*(361,7/*0(1?0*(03@7,?53-60(2*42*0*6536E(?2?6E*(-9(052*0097,(0357?53-60(5)?5(?0-13?,(. -2K*21(4081)-,-E3051(4081)3?5231(6720*I(4081)3?523051(-2(@3630528,*?/*2(@3E)5(*61-765*2(?@-6E(2*1*65,8(222B*/(3@@3E2?650(92-@F4?630)=04*?K36E(1-76523*0A("K*(FP! =; ; L(-2(FP! =

! ""#\$%&\$'()*(+*,.-./0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5)* (3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(: ! #9%&" [7-. ""0>>32,+ -4,02',2'()) -2,1H((6#"7*8,41(
%6(5)30(1-@@76358=6E?E*/(1-720*1(057/*650(. 3,,/*B*, -4(04*?K36E(?6/(/,305*636E(052?5*E3*0(+8(*6E?E36E(
36(1-6B*20?53-6(+ -5)(3603/*(?6/(-7503/*(-9(5)*(1,?002- -@A(")*8(. 3,,(?10732*(99*153B*(-2?,(1-@@7631?53-6(
5*1)6307*0I(42*4?2*(?6/(/*,3B*2(+23*9(-2?,(2*4-250I(?6/(/*+?5*(5-4310(-9(13B31(?6/(4*20-6?,(365*2*05A(
")2-7E)(5)*(70*(-9(?75)*6531(@?5*23?,0(071)(?0(B3/*-I(?7/3-(2*1-2/36E1(?6/(365*2?153-60(. 35)(6?53B*(
04*?K*20I(057/*650(. 3,,(42?1531*(5)*32(04*?K36E(?6/(/,305*636E(0K3,,0A(D,?00(30(5?7E)5(36(F4?630)A(
"?K*(FP! =: ; L(-2(FP! =! G_A(MN*0732*/I(P2*B3-700A(
(

(
(: ! #9%&" ()+,-./0),+1',2'()) -2,1H((6#I""7*8,41(
F57/8(-9(?0*,*15*/(5-431(36(F4?630)(-2(F4?630)=! @*23?6(,35*2?572*I(1722*65(999?3201(+7036*00(-2(
42-9*003-6?,(1-@@7631?53-6I(-2(5)*(@*/3?A(F4*13931(5-4310(?6/(5)*(/*03E6?5*/(1-720*(12*/35(?2*(
47+,30)*/(36(5)*0*?*05*2(1,?00(01)*/*A(! /B?61*/(1-@@7631?53-6(0K3,0/*B*, -4*/(5)2-7E)(?0*?*05*2(
?+2-?/*V4*23*61*(?0,-(?44,8(?0(?04*13?,(5-431A(T-2(12*/350(*?26*/(5)2-7E)(?057/8(?+2-?/*V4*23*61*I(
0*,*15*/(5-4310(?2*(?442-B*/(+8(5)*(?/B30-2(36(F4?630)(?6/(5)*(G32*15-2(-9(F57/8(! +2-?/(?5(5)*53@*(-9(
?44,31?53-6A(" -4310(B?28(92-@(-6*(0*?*05*2(5-5)*(6*V5(5-(?, -. (057/*650(5-(5?K*(5)*(1-720*(@-2*(5)?6(
-61*A(D,?00(30(5?7E)5(36(F4?630)A(F** (1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(
07@@*2(: ; : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
"?K*(FP! =: ; L(-2(FP! =! G_A(MN*0732*/I(P2*B3-700A(
(

(
(: ! #6\$&" U7,44*2""0>>32,+ -4,02',2'()) -2,1H((6#"7*8,41(
N*B3*. (-9(5)*(*00*653?,0(-9(F4?630)(E2?@@?2(. 35)(?44,31?53-6(5-(1-@4-0353-6A(")* (1-720*(30/*03E6*/(5-(
)*,4(057/*650(. 235*(0-13?,(?6/(+7036*00(1-22*04-6/*61*I(. 235*(1-) *03B*(07@@?23*0(?6/(2*07@*0I(?0(. *,(
?0(6?22?53B*0(?6/(/*0123453-60(-9(?9?157?,(6?572*A(N*0732*/(1-720*(9-2(5*?1)*2(1*253931?53-6A(D,?00(30(
5?7E)5(36(F4?630)A(
"?K*(FP! =: ; L(-2(FP! =! G_A(MN*0732*/I(P2*B3-700A(
(

(
(: !

!""#\$%&\$('\$) * (+, -, (/0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
(: ! # @ % & '' () * +, -, ' / 0, +1', 2' () -2, 1H((6#I'''7*8,41(
F57/8(-9(?0*, *15*/(5-431(36(F4?630)(-2(F4?630)=! @*231?6(,35*2?572*I(1722*65(?99?320I(+7036*00(-2(
42-9*003-6?,(1-@@7631?53-6I(-2(5) *(@*/3?A(F4*13931(5-4310(?6/5) *(/*03E6?5*/(1-720*(12*/35(?2*(
47+,30) */(36(5) *(0* @*05*2(1,?00(01) */7, *A(! /B?61*/(1-@@7631?53-6(OK3,,0/*B*, -4*/(5) 2-7E)(?0* @*05*2(
?+2-?/*V4*23*61*(?,0-(?44,8(?0(?04*13?,(5-431A(T-2(12*/350(*?26*/(5) 2-7E)(?057/8(?+2-?/*V4*23*61*I(
0*, *15*/(5-4310(?2*(?442-B*/(+8(5) *(?/B30-2(36(F4?630)(?6/5) *(G32*15-2(-9(F57/8(! +2-?/(?5(5) *(53@*(-9(
?44,31?53-6A(' -4310(B?28(92-@(-6*(0* @*05*2(5-5) *(6*V5(5-(?,,-. (057/*650(5-(5?K*(5) *(1-720*(@-2*(5) ?6(
-61*A(D,?00(30(5?7E) 5(36(F4?630)A(F** (1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(G*0123453-60(423-2(5-(
07@@*2(: ; : : (1?6(+*B3*. */(?5(@?23?6A*/7H2*E3052?2A(
"?K*(FP! =: ; ; A(MN*0732*/I(P2*B3-700A(
(

(: ! # @ 1 & '' (*2,07' (* >, 2-7(\$#'''7*8,41(
) *(0* @36?2(?//2*00*0(5) *(1-,, *E*=. 3/*(E*6*2?,(* /71?53-6(0*63-2(5) * @*(?6/(5*V5(9-2(5) ?5(8*?2A(') *(
1-@@-6(0*63-2(*V4*23*61*(361,7/*0(/3017003-6(0*003-60I(?1-6B-1?53-6(42*0*65?53-6I(?53@*/(. 2355*6(
*00?8I(?6/(?6(-+R*153B*(5*05(?00*00@*65(+?0*/(74-6(E*6*2?,(* /71?53-6(E-?,0A(F4?630)(@?R-20(2*E305*2(
1-61722*65,8(36(FP! =>` [A(
"?K*(^ >(12*/350A(MN*0732*/I(P2*B3-700A(
(

(: ! # @ 1 % '' L3,8*8'E*1*-7+H';07'S-c071((9#'

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, / (-6,8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(: T

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*/0123453-60(?2*(?B?3,?+, *(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(: T#6GI\'' !)) , *8'C*H=-, 07': 7057->>, 25', 2') *+, -.(#''7*8, 41(
FPG=<Z` (, ?+A(
''K*(FPG=<Z` A(MN*O732*/I(D-61722*650A(
(
(: T#@6I'' PA+*) 4, 02-. 'R**81W''O..-M07-4, 02'-28'''0213.4-4, 02((6#''7*8, 41(
)30(1-720*(9-170*0(-6(1-., ?+-2?53-6(5)*@*0(1-@@-6(5-(B?23-70(*71?53-6?, (0*5536E0'(/*, 3B*28(-9(04*13?, (
*/71?53-6?, (42-E2?@@@36EI(365*24*20-6?, (1-@@@7631?53-6I(42-+, *@@0-, B36EI(17, 572?, (/3B*20358I(5*?@. -2KI(
?6/(9?@3, 8(0805*@0(5)*-28A(F57/*650(*V?@36*(5*1)6307*0(5)?5(42-@-5*(99*153B*(1-@@@7631?53-6(
+*5. **6(5*?1)*20I(01)--,(?/@363052?5-20(?6/(2*, ?5*/(42-9*003-6?, 0I(9?@3, 3*0(-9(057/*650(?6/(057/*650(
. 35)(*V1*453-6?, (6**/0A(
''K*(FPG=L<; A(MN*O732*/I(P2*B3-700A(
(
(: T#@6I\'' ''O..-M07-4, ='''0213.4-4, 02'\-M''0213.4-4, 02((#''7*8, 41(
FPG=><` (, ?+A(
''K*(FPG=><` A(MN*O732*/I(D-61722*650A(
(
(: T#B66'' !11*11>*24'O;'H, 87*2'U, 4H'PA+*) 4, 02-. 'R**81((6#''7*8, 41(
! 6(36=/*45)(057/8(-9(5)*-2*531?, (4236134?, 0(-9(@*?072*?*65I(?00*00@*65(?6/(*B?, 7?53-6(6*1*00?28(9-2(
?442-423?5*(3/*653931?53-6(?6/(/*5*2@36?53-6(-9(36/3B3/7?, (6**/0(-9(057/*650(*, 3E3+, *9-2(0*2B31*0A(
N*O732*/(4?253134?53-6(36(365*2/30134, 36?28I(4081)--*/71?53-6?, (?00*00@*65(-9(*V1*453-6?, (1)3, /2*6A(
! 6?, 8030(?6/(365*242*5?53-6(-9(?00*00@*65(/?5?h9-2@7, ?53-6(-9(*71?53-6?, (42-E2?@@@36E(9-2(*V1*453-6?, (
1)3, /2*6(
(
(: T#B6%' PA+*) 4, 02-. 'R**81WS*4H081'-28': 7057->'S-2-5*>*24((6#''7*8, 41(
)30(1-720*(V?@36*0(5)*360527153-6?, (?6/(-2E?63J?53-6?, (0K3, 0(?6/(@*5)-/-, -E8(6*1*00?28(9-2(*99*153B*(
42-E2?@@@36E(9-2(057/*650(.)-(2*1*3B*(04*13?, (*71?53-6(0*2B31*0A(" -4310(-9(423@?28(*@4)?030(361, 7/*(
/*B*, -436E(*99*153B*(42-E2?@@@36E(9-2(361, 703-6I(/?5?/(23B*6(?6?, 8030I(2*?*/3?53-6(?6/(0K3, ,(
/*B*, -4@*65A(
(
(: T#B@&'' *5-.!1)*+41'O'''377*24'<113*1', 2') *+, -. 'P83+-4, 02((6#''7*8, 41(
)30(072B*8(1-720*(2*B3*. 0(.353E?5*/(?6/(*E30, ?5*/(05?6/?2/0I(42-B3/36E(?6?, 8531(4*204*153B*(9-2(04*13?, (
/71?53-6(?6/(2, ?5*/(0*2B31*0(9-2(4*20-60(. 35)/(30?+3, 353*0A(F57/*650(*V4, -2*(1722*65(3007*0(36(5)*(
42-B303-6(?6/(*, 3B*28(-9(0*2B31*0(9-2(4*20-60(. 35)/(30?+3, 353*0I(361, 7/36E(361, 703-6I(52?60353-60I(
3@4, *@*65?53-6(-9(%#P0I(5)*2*04-60*(5-(365*2B*653-6(MN''QI(?6/(2*E7, ?53-60(9-2(*, 3E3+3, 358A(
(
(: T#B@I'' PA+*) 4, 02-. 'R**81W''O..-M07-4, ='''0213.4-4, 02((6#''7*8, 41(
)30(1-720*(9-170*0(-6(1-., ?+-2?53-6(5)*@*0(1-@@-6(5-(B?23-70(*71?53-6?, (0*5536E0'(/*, 3B*28(-9(04*13?, (
*/71?53-6?, (42-E2?@@@36EI(365*24*20-6?, (1-@@@7631?53-6I(42-+, *@@0-, B36EI(17, 572?, (/3B*20358I(5*?@. -2KI(
?6/(9?@3, 8(0805*@0(5)*-28A(F57/*650(*V?@36*(5*1)6307*0(5)?5(42-@-5*(99*153B*(1-@@@7631?53-6(
+*5. **6(5*?1)*20I(01)--,(?/@363052?5-20(?6/(2*, ?5*/(42-9*003-6?, 0I(9?@3, 3*0(-9(057/*650(?6/(057/*650(
. 35)(*V1*453-6?, (6**/0A(
(
(: T#BB9'' \, 4*7-+K'! 11*11>*24'O'<21473+4, 02'; 07') *+, -. 'R**81*' -72*71((6#''7*8, 41(
(

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

!""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(,3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
(: T#BJ6'' !)),*8'C*H=-,07': 7057->>,25',2'() *+,-.'P83+-4,02((6#''7*8,41(
")30(1-720*(2*B3*. 0(5)* (5)*-2*531?,(9-76/?53-60(9-2(/*B*, -436E(2*0*?21)(+?0*/(365*2B*653-60(?6/(
@?6?E* @*65(052?5*E3*0(5-(/*?,(. 35)(36?442-423?5*(1,?002--@(+*)?B3-20I(?0(. *,,(?0(052?5*E3*0(9-2(
36/3B3/7?,3J*/(* /71?53-6(42-E2?@M#PQ(/*B*, -4@*65(?6/(3@4,* @*65?53-6(-9(*99*153B*(+*)?B3-2(4,?60A(
(
(: T#B%&'' () *+,-./0),+1',2'() *+,-.'P83+-4,02((\$#6''7*8,41(
F*,*15*/(5-4310(?442-B*/(+8(5)* (#/71?5-2f0(D-,,*E*A(F***(1-720*(0*153-6(1-@@*650(9-2(/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(: ; : : (1?6(+*(B3*. */(?5(@?23?6A*/7H2*E3052?2A(
(
(: T#B%B'' "-)1402*',2'() *+,-.'P83+-4,02((6#''7*8,41(
")*(1?6/3/?5*(. 3,,(2*0*?21)I(/*03E6(?6/(3@4,* @*65(42-E2?@@36E(5)?5/(2?@?531?,8(1)?6E*0(-751-@*0(
9-2(057/*650(. 35)(*V1*453-6?,(6**/0A(
(
(: T#BI &'' E*1*-7+H',2'() *+,-.'P83+-4,02((6#''7*8,41(
%60527153-6(36(5)*(/*B*, -4@*65I(1-6/715I(?6/(2*4-2536E(-9(2*0*?21)(36(?0*,*15*/(?2*?(G*03E6(?6/(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*/(* 0123453-60(?2*(?B?3,?+, *(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
F** (Y#X=ZZ: (
"?K*(FPG=ZS; A(MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZS: A(MN*O732*/I(P2*B3-700A(
(
(: T#GGJ" "0213.4'O''O..-M07-4,02',2'P8((6#"7*8,41(
)30(1-720*(30(/ * 03E6*/(5-(42-B3/*(057/*650(.)-(. 30)(5-(42?1531*(36(* /71?53-6?,(0*5536E0(?04*13931(0*5(-9(
K6-. , */E*(?6/(OK3,,0A(G7236E(5)30(1-720*I(057/*650(. 3,,(*?26(5)*(1-607,536E(@-/*,(.) *6(42?153136E(36(5)*(
*/71?53-6(0*5536E0A(
"?K*(FPG=ZS; A(MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZS: A(MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZS>A(MN*O732*/I(
P2*B3-700A() ("?K*(FPG=ZSZA(MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZS[A(MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZZ; A(
MN*O732*/I(P2*B3-700A() ("?K*(FPG=ZZ: A(MN*O732*/I(P2(
(
(/! #9&B" P.* > *24-7K'!))., *8'(4-4,14,+1((6#'

!""#\$%&\$'()*(+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>?1?/*@31(8*?2A(!,,(2*?*,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(*1-6-@31(/*B*, -4@*65I(052?360(2*,?5*/(5-(72+?63J?53-6(?6/(@-/*263J?53-6I(*5)631(1-69,315I(*6B32-6@*65(?6/(1-@@76358() *?5)I(?6/(3@@3E2?65(?6/(@3E2?53-6(23E)50A(D-720*(2*?/36E0I(/3017003-6I(?6/(?003E6@*650(. 3,,(9-170(-6(5)*(/399*2*61*(+*5. **6(.)?5(30(763B*20?,(?6/(.)?5(30(17,572?,8(04*13931(?+-75(0-13?,(. *,9?2*(3007*0(?6/(365*2B*653-60I(?6/(5)*(. ?80(5)?5(5)*0*(@705(+*(?/?45*/(5-(3612*?0*(5)*32(2*,*B?61*(9-2(. -2K(36(/*B*, -436E(2*E3-60(-9(5)*(. -2,/I(36(365*26?53-6?,(?3/(-2(2*,3*9(-2E?63J?53-60I(?6/(36(42-E2?@0(9-2(3@@3E2?650(?6/(2*97E**0(36(5)30(1-76528A(

""K*(\WF=L; LA(MN*0732*/I(P2*B3-700A(]"?K*(Fcdm=LL; A(MN*0732*/I(P2*B3-700A(

((U]#9@&" L7,*;' -28'\011((6#"7*8,41(")*(1-720*(30(/*03E6*/(?0(?6(?/B?61*/(1,3631?,(0K3,0(*, *153B*(9-2(0-13?,(. -2K(?6/(-5)*2(057/*650(.)-(. 30)(5-(3612*?0*(5)*32(K6-. ,*/E*(?6/(0K3,,0(36(. -2K36E(. 35)(36/3B3/7?,0(?6/(9?@3,3*0(.)-(*V4*23*61*(E23*9(?6/(, -00A(")30(30(6-5(?u/*?5)(?6/(/836Eu(1-720*(1(9-2(5)*(. -00*0(1,3*650(*61-765*2(@3E)5(361,7/*h(1)2-631(3,,6*00*0(*V4*23*61*/(+8(-6*0*,9(-2(?03E63931?65(-5)*2I(?E36EI(/3B-21*1(5)*(. -00(-9(. -2KI(@-B36E(5-(?6*. (5-. 6I(1)3,/2*6(@-B36E(-75(-9(5)*(-70*I(-2(5)*(. -00(-9(@*?636E(36(-6*f0(,39*A(") *(423@?28(E-?,(-9(5)30(1-720*(30(5-(*0734(057/*650(*65*236E(5)*()) *436E(42-9*003-60(. 35)(5)*5-- ,0(2*0732*/(5-(?00305(1,3*650(/*?,(. 35)(, -00I(+*2*?B* @*65(?6/(@-72636EA(F57/*650(. 3,,(057/8(*B3/*61*/(+(?0*/(?44,31?53-60(-9(5)* -28(5-(42?1531*(. 35)(3/*65393*/(?5=230K(4-47,?53-60A(F4*13?,(B7,6*2?+3,353*0(?6/(5)31?,(1-61*260(9-2(?5=(230K(4-47,?53-60(. 3,,(+*(*V?@36*/A(

((U]#9B\$" "-1*S-2-5*>*24((6#"7*8,41(")30(1-720*(1-B*20(5)*(+?031(1-@4-6*650(-9(*99*153B*(1?0*(@?6?E*@*65(5*1)6307*0(?6/(052?5*E3*0(36(?0-13?,(0*2B31*((0*5536EA"-4310(361,7/*(700*00@*65I(/-17@*65?53-6I(*99*153B*((1-@@7631?53-6I(52*?5@*65(4,?6636EI(0*2B31*(1--2/36?53-6I(3/*6539836E(2*0-721*0I(?6/(0*,9(=1?2*A(C4-6(1-@4, *53-6I(057/*650(0)-7./(+*(?+,*(5-(99*153B*,8(@?6?E*(5)*(1?2*(-9(5)*(.)-,*(4*20-6(92-@(36353?,(1-65?15(5)2-7E)(5*2@36?53-6(-9(0*2B31*0A(

((U]#9J&" (0+, -.'U*.; -7*': 0.,+K' -28': 7057- >1((6#"

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,-/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(76/(F*153-60(&99*236E0A(
(
(U]#69&" E-+*'-28'P4H,+E*. -4,021((6#""7*8,41(
0***(F&D=<: ; (
"?K*(F&D=L; LA(MN*0732*/I(P2*B3-700A(
(
(U]#69B" (O+,-.'.'-11': 0F*7'-28'<2*d3.4K((6#""7*8,41(
0***(F&D=<: S(
"?K*(F&D=L; LA(MN*0732*/I(P2*B3-700A(
(
(U]#6B&" (O+,-.'U07D'E*1*-7+H'-28'! 11*11>*24((6#""7*8,41(
")30(1-720*(42*0*650(?+2-?/(2?6E*(-9(2*0*?21)(?6/(?00*00@*65(5-- ,0(5)?5(0-13?,(. -2K*20(1?6(70*(5-(
3@42-B*(5)*(*99*153B*6*00(?6/(?99313*618(-9(5)*32(42?1531*I(071)(?0(5*050(?6/(/?3?E6-0531(5-- ,0(?2*(057/3*/(
36(/*45)A(")* (1-720*(361,7/*0(@*5)-/-,-E31?,(1-603/*2?53-60(2*,?536E(5-(-4*2?53-6?,3J36E(1-61*450I(
2*0*?21)(/*03E6(M*V4*23@*65?,I(072B*8I(?6/(93*,/0I(0?@4,36E(360527@*65?53-6I(@*5)-/0(-9/?5?(1-,,*153-6(
?6/?6?,8030I(?6/(2*4-25(42*4?2?53-6(?6/(/300*@36?53-6A(")30(1-720*(0?53093*0(5)*(. 23536E(365*603B*(
2*0732*@*65(36(5)* (057/*650(@?R-2A(
"?K*(PFi=: ; S(-2(F&D=: ; SA(MN*0732*/I(P2*B3-700A(]"?K*(Fdm=LL; A(MN*0732*/I(P2*B3-700A(
(
(U]#6G&" (O+,-.'U07D': 7-+4,+3>'<((6#""7*8,41(
F57/*650(?2*(4,?1*/36(?074*2B30*/(*V4*23*61*(36(?0-13?,(. -2K(93*,/(?11-2/36E(5-(5)*32(1?2*2*(365*2*050(
?6/(?1?/*@31(?+3,353*0A! (@363@7@(-9(5*6(0)-720(4*2(. **K(-9(-6-5)*R-+(. -2K(30(2*0732*/(5-(*?26(12*/35A(
F57/*650(?2*(B?,7?5*/(+8(5)*32(-6-5)*R-+(074*2B30-2(?6/(+8(?R-726?,(07+@355*/(5-(5)*(@-635-236E(
9?17,58(@*+*2A\2?/*(FHCA(
"?K*(Z: (12*/350A(MN*0732*/I(P2*B3-700A(
(
(U]#6%&" ()*+,-./0),+1',2'(O+,-.'U07D((\$#6""7*8,41(
N*?/36E0I(/3017003-60I(?6/(. 23536E(-6(0*,*15*/(5-4310A(F***(1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(
G*0123453-60(423-2(5-(07@@*2(: ; : (1?6(+*(B3*. */(75(@?23?6A*/7H2*E3052?2A(
(
(U]#@&\$" (O+,-.'U07D': 7-+4,+*U,4H'L703)1((6#""7*8,41(
!(42*0*65?53-6(-9(+?031(K6-. ,*/E*I(0K3,,0I(?6/(5)*-28(70*/(9-2(42-9*003-6?,(42?1531*(. 35)(+ -5)(5?0K(?6/(
52*?5@*65(E2-740I(071)(?0(5)*(/86?@310(-9(0@?,(E2-74(42-1*00(?6/(?442-423?5*(42?15353-6*2(
365*2B*653-60A(")* (1-720*(-+R*153B*0(. 3,,(5*?1)(057/*650(0)-. (5-(*6E?E*I(4,?6I(?00*00I(365*2B*6*I(?6/(
B?,7?5(@*JJ=-, *B*,(42?1531*A(
"?K*(Fdm=<L; (-2(PFi=><; A(MN*0732*/I(P2*B3-700A(
(
(U]#@&\$B" (O+,-.'U07D': 7-+4,+*U,4H'[75-2,V-4,021! 28""0>>32,4,*1((6#""7*8,41(
!(42*0*65?53-6(-9(+?031(K6-. ,*/E*I(0K3,,0I(?6/(5)*-28(70*/(9-2(42-9*003-6?,(42?1531*(. 35)36(
-2E?63J?53-6?,I(6*3E)+-2)--/I(?6/(1-@@@76358(1-65*V50A(D)?6E*(052?5*E3*0(071)(?0(@-+3,3J?53-6I(0-13?,(
?153-6I(135J)*6(4?253134?53-6I(?/B-1?18I(?6/(0*2B31*0/*B*, -4@*65(?2*(V4,-2*/A(")* (1-720*(-+R*153B*0(
. 3,,(5*?1)(057/*650(0)-. (5-(*6E?E*I(4,?6I(?00*00I(365*2B*6*I(?6/*B?,7?5*(@?12=-, *B*,(42?1531*A(
"?K*(Fdm=<L; (P&W=L; : (X%F=: La(F&D=<aS(-2(X%F=<aSA(MN*0732*/I(P2*B3-700A(
(
,
,

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/NP#\$9&" ! +4,25'<((6#"7*8,41(
T76/?@*65?,(5*1) 6307*0(36(?1536E(. 35)(42?1531*(36(4?65-@3@*l(3@42-B30?53-6l(@-B*@*65(?6/(B-1?,(
42-/7153-6A(F57/*650(*?26(5)2-7E)(4*29-2@36E(36(1,?00(*V*2130*0l(3@42-B30?53-60(?6/(01*6*0(.)3,*(?,0-(

! ""#\$%&\$'(") * (+, -, (/ * 0123453-60(0) -7, /(-6, 8(+ * (2*9*2*61* / (9-2(5) * (: ; : <=: > (?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/NP#66B'' (H-D*1) * -7*((6#''7*8,41(
F**(#\$ \ =<<; A(
"?K*(#\$ \ =LL: A(MN*0732* / I(P2*B3-700A(
(
/NP#6G&'' <24*721H,) ', 2' / H* -47*((6#''7*8,41(
F57 / * 650(. -2K(36(074 * 2B30* / (36 / 70528(4-0353-60(2* , ?5* / (5-(5) * ?52*(?250A(%65*260) 340(?2*(*V4 *15* / (5-(+*(
)3E) *2(5) ?6(*6528(, *B*, (4, ?1* @* 650I(?6 / (@?8(-2(@?8(6-5(+*(4?3 / (4-0353-60A((F57 / * 650(?2*(*B?, 7?5* / (+8(
+-5) (5) *32(-6035*(074 * 2B30-2(?6 / (+8(@*?60(-9(?4?4 *2(07+@355* / (?0(?6(*6 / =-9-1-720*(42-R*15(5-(5) *(
@-635-236E(9?17,58A! (@363@7@(-9(Z; () -720(-9(?157?, (. -2K(*V4 *23*61*(30(2*0732* / (5-(*?26(-6*(12* / 35A((
 \2? / * / (FHCA(
"?K*(Z: (12* / 350A(MN*0732* / I(P2*B3-700A(
(
/NP#6%&'' () *+, -.' / 0), +1', 2' / H* -47*((6#''7*8,41(
"-4310(@?8(361, 7 / * I(+75(?2*(6-5(, 3@35* / (5-I(? / B?61* / (057 / 3*0(36(/ * 03E6(-2(4*29-2@?61*(36(5) *?52*I(
/2?@?531(, 35*2?572*I(5*1) 631?, (5) *?52*I(?6 / (*51A(") *(1-720*(@?8(+*(2*4*?5* / (9-2(12* / 35(0361*(07+R*15(
(

! ""#\$%&\$'()*+*,.-. (/0123453-60(0)-7,-/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, = 53@*(1-720*/0123453-60(?2*(?B?3,?,+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(/N\#\$&&" /H*': 7-+4,+*0;': 7-K*7((\$#"7*8,41(! 6(*6231)@*65(1-720*(. 35)(5)*(423@?28(*@4)*030(-6(5)*(?15(-9(42?836EA(")*9(-170(30(-6(4*20-6?,(0432357?,(/*B*, -4@*65A(F4*13931(42?8*2(*V4*23*61*0(/*5*2@36*/(+8(36/3B3/7?,(9?13,35?5-2M00(*?1)(0*@*05*2A(#6)?61*@*65(1-720*0I(071)(?0("XW=L; ; I(@?8(+*(2*4*?5*/(9-2(12*/35I(. 35)(?(@?V3@7@(-9(L: (12*/350(*?26*/5-. ?2/(?+?1)*,-2/*E2**(-2(03V(12*/350(5-. ?2/(?6(?00-13?5*(/*E2**A(")30(1-720*/(-*0(6-5(?44,8(5-. ?2/(5)* (E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(

(/N\#\$&6" " -4HO.,+'C*.,*;1'-28': 7-+4,+*1((6#"7*8,41(! 6(-44-2576358(9-2(057/*650(5-(+*1-@*(?107?365*/(. 35)I(1,?3@(-2(2*1,?3@D?5) - ,31(3/*65358(5)2-7E)(?(/3017003-6(-9(+?031(D?5) - ,31(+*,3*90(?6/(42?1531*0A(")30(1-720*/(-*0(6-5(?44,8(5-. ?2/(5)* (E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(

(/N\#\$&B" <247083+4,02'40'/H*0.05K((6#"7*8,41(F57/8(-9(5)*(@*?636E(?6/(6?572*(-9(5)*-, -E8I(5)*-, -E31?,(3007*0(-9(\- /I) 7@?6(4*20-60I(q*070(5)* (D)2305I(5)* (X-,8(F43235I(5)* (D)721)I(?6/(?6(3652-/7153-6(5-(F1234572*0I(,3572E8I(0?12?@*650(?6/(D)23053?6(@-2?,358A(")30(1-720*(4?253?,8(0?53093*0(5)* (E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(")30(1-720*(*)?0(?/*03E6?5*/(0*153-6(9-2(4*20-60(. 35)(E2*?5*2(+?1KE2-76/(.)-(. ?65(?6(3652-/7153-6(5-5)* (0805*@?531(*V4, -2?53-6(-9(5)*0*(07*053-60I(*04*13?,8(M+75(6-5(0-,*,8Q(@?R-20(?6/(@36-20A(

(/N\#\$&B(" <247083+4,02'40'/H*0.05K'f" P: g((6#"7*8,41(D?5) - ,31(#/71?5-2(P2-E2?@(?5*26?53B*(5-("XW=L; S(9-2(5)-0*(/*03236E(5-(5*?1)(36(D?5) - ,31(01) -- ,0A(%61,7/*0(L; >I(LLZI(?6/(L<ZA(")30(1-720*(4?253?,8(0?53093*0(5)* (E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(

(/N\#\$&G(" ^*131'-28'4H*(+7,)437*1((6#"7*8,41(D?5) - ,31(#/71?53-6(P2-E2?@(?5*26?53B*(5-(0*1-6/(5)*-, -E8(/30523+753-6(1-720*(9-2(5)-0*(/*03236E(5-(5*?1)(36(D?5) - ,31(01) -- ,0A(%61,7/*0(L; ZI(L: [I(LL>A(")30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/("XW(2*0732*@*650A(

(/N\#\$9%" <247083+4,02'40'4H*'R*F'/*14->*24((\$#"7*8,41(! (057/8(-9(5)*(.35*2?572*(-9(5)*(\$*. ("*05?@*65A(")*9(-170(-9(5)* (1-720*(30(-6(5)* (B?23*58(-9(. ?80(36(.)31)(5)* (@*00?E*(-9(q*070(. ?0(365*242*5*/(+8(5)*(*?2,8(D)23053?6(1-@@@76353*0A(")30(1-720*/(-*0(6-5(?44,8(5-. ?2/(5)* (E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(

(/N\#\$9I" C.M.,+-. 'L7**D((6#"7*8,41(F57/8(?6/(42?1531*(36(B-1?+7,?28(2*1-E6353-6I(E2?@@?2I(0865?V(?6/(2*?/36E(-9(+3+,31?,(\2**KA(\$*. (""05?@*65(0*,*153-60(?2*(#@4,-8*/(?0(?442-423?5*1(36(-2/*25-(@-B*(057/*650(5-. ?2/(5)* (E-?,(-9(+*E36636E(1-@4*5*61*(36(2*?/36E(5)* (\2**K(\$*. ("*05?@*65A(")30(1-720*/(-*0(6-5(?44,8(5-. ?2/(5)* (E*6*2?,(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61* / (9-2(5) * (: ; : <=: >(?1? / * @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/ * 0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

! ""#\$%&\$'()*(+*,-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

/N\#9&B" (438,*1',2'^*131'4H*'''H7,14((6#'''7*8,41(

#V4,-2?53-6(-9(5)*(B?23-70(4-252?350(-9(q*070(9-76/(36(5)*(\-04*,0(?6/(5)*(. 23536E0(-9(P?7,A(&6*(-+R*153B*(30(5-(+*E36(5(-9-2@7,?5*(-6*U0(-. 6(D)2305-,-E8(36(5)*(,3E)5(-9(071)(K*8(1-61*450(?0(%61?26?53-6I(P?003-6(?6/(N*0722*153-6A(")30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/('XW(2*0732*@*650A(

(

/N\#9&%'' /H*'''H37+H((6#'''7*8,41(

''*(6?572*(?6/(05271572*(-9(5)*(D)721)A(! (1-603/*2?53-6(-9(5)*(3@?E*0(-9(5)*(D)721)(36(5)*(F1234572*0(42-B3/*0(5)*(1-65*V5(9-2(5)*(057/8(-9,(?5*2(1-652-B*203*0I(5)*-, -E3*0(?6/(/*1,?2?53-60(+8(P-4*0(?6/(D)721)(D-7613,0A(! (5)-2-7E)(057/8(-9(5)*(-17@*650(-9(?531?6(D-7613,(%(. 35)(1-603/*2?53-6(5-(5)*32(*17@*631?,(03E63931?61*A(F57/8(-9(1-65*@4-2?28(N-@?6(D?5)-,31(5)*-, -E3*0(-9(5)*(D)721)A('')30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/('XW(2*0732*@*650A(

''?K*('XW=L; S(-2('XW=L; SFA(MN*0732*/I(P2*B3-700A(

(

/N\#9\$G'' S07-.!<113*1((6#'''7*8,41(

!(057/8(-9(@-2?,(5)*-, -E8(36(2*,?53-60)34(5-(1722*65(@-2?,(3007*0(. 35)(?4?25317,?2(*@4)?030(-6(5)*(/3E6358(-9(5)*()7@?6(4*20-6I(1-6013*61*(9-2@?53-6I(?6/(5)*(0527EE,*5-(,3B*(?75)*6531?,8(36(-72(17,572*A(^-2?,(3007*0(1-61*652?5*(-6(?1-60305*65(*5)31(-9,39*(61-@4?0036E(5)*(4*20-6?,I(0-13?,I(1-6-@31I(?6/(1-,-E31?,(/3@*603-60A('')30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/('XW(2*0732*@*650A(

(

/N\#

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
05?6/?2/0(-9(9?35) I(*5) 310I(?6/(9-76/?53-60(-9(5) -7E) 5(M: 6/("XW(2*0732*@*650A(") 30(1-720*(0?53093*0(5) *(
. 23536E(365*603B*(2*0732*@*65(36(5) *(057/*65U0(@?R-2A(
"?K*("XW=L; S(-2("XW=L; SFA(MN*0732*/I(P2*B3-700A(
(
/N\#99%" R*F'/*14->*24((6#"7*8,41(
!(057/8(-9(5) *(,35*2?572*(-9(5) *(\$*. ("*05?@*65A(") *(1-720*(9-170*0(-6(5) *(B?23*58(-9(. ?80(36(.) 31) (5) *(
@*00?E*(-9(q*070(. ?0(365*242*5*/(+8(5) *(*?2,8(D) 23053?6(1-@@76353*0A(") 30(1-720*(4?253?, ,8(0?53093*0(
^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35) I(*5) 310I(?6/(9-76/?53-60(-9(5) -7E) 5(M: 6/(
"XW(2*0732*@*650A(") 30(1-720*(0?53093*0(5) *(. 23536E(365*603B*(2*0732*@*65(36(5) *(057/*65U0(@?R-2A

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/N\#9J9" (*A3-. 'S,207,4,*1'O'''H7,14,-2,4K': -1407-. ' -7*'O' (),7,43-. '! ++0>)-2,>*24((6#'
"7*8,41(
! 6(3652-/715-28(1-720*(-6(4?05-2?,(1?2*I(@3630528I(?6/(0432357?,(?11-@4?63@*65h(*V4-0*0(057/*650(5-(
4?05-2?,(5) * -, -E8h(*V?@36*0(1-65*@4-2?28(@*5) -/0(?6/(@-/*,0(-9(4?05-2?,(1?2*(?6/(5) *(42?1531*(-9(
@3630528h(*V4,-2*0(0432357?,358(?6/(0432357?,(/32*153-6A(
" ?K*("XW=: : Z(-2("XW=: : [A(MN*0732*/I(P2*B3-700A(
(
/N\#9JG" <24*721H,) ',2'S,2,147K((&ZB#""7*8,41(
P?05-2?,(W*?/*20)34(@?R-20(?2*(*V4*15*/5-(4?253134?5*(36(?9-2@?,(365*260)34(9-2(6-(,*00(5)?6(5. -() -720(
*?1)(. **K(5)2-7E) -75(5) *(93205(5)2** (8*?20A(%65*260)34(@?8(+*(. ?3B*/(9-2(4*20-60(1-61722*65,8(. -2K36E(
L; (-2(@-2*() -720(36(?9-2@?,(@3630528(2-, *A(")30(1-720*(/-*0(6-5(?44,8(5-. ?2/(5) *(E*6*2?,(* /71?53-6(
1722317,7@(05?6/?2/0(-9(9?35) I(*5)310I(?6/(9-76/?53-60(-9(5) -7E)5A(
(
/N\#9JJ

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5) * (.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/836EI(*V4*23@*65?53-6(-6() 7@?6(*@+28-0I(?6/(5) *(R705(/30523+753-6(-9() *?5) 1?2*A(") 30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35) I(*5) 310I(?6/(9-76/?53-60(-9(5) -7E) 5(M: 6/("XW(2*0732* @*650A(
" ?K*("XW=L; S("XW=X; S(-2("XW=L; SFA(MN*0732*/I(P2*B3-700A() (" ?K*(PXW=L<; (-2(PXW=X<; A(MN*0732*/I(P2*B3-700A(
(
/N\#6\$I " (*A3-. 'P4H,+1': -1407-. "' -7*'O'() ,7,43-. '! ++0>) -2, >*24((6#" 7*8,41(
! (057/8(-9(0*V7?,(*5) 310(. 35)(? (4?25317,?2(*@4) ?030(-6(5) *(/3E6358(-9(5) *) 7@?6(4*20-6I(1-6013*61*(9-2@?53-6I(?6/(5) *(0527EE, *(5-(,3B*(?75) *6531?, ,8A(") 30(1-720*(. 3,,(*V?@36*(5) *) 305-231(?6/(+3+,31?,I(4*20-6?,(?6/(1-@@76?,I(+ -/3,8(?6/(4081) -, -E31?,(/3@*603-60(-9() 7@?6(0*V7?,358(. 35) 36(5) *(1-65*V5(-9(5) *(D?5) -,31(?6/(D) 23053?6(52?/353-6A(") 30(1-720*(4?253?, ,8(0?53093*0(^?23?6=

!""#\$%&\$('\$)*(+*,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,= 53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(/N\#69I'' /H*L01)*.1': -1407-.'' -7*'O'(),7,43-.!' ++0>)-2,>*24((6#''7*8,41(%6=/*45)(057/8(-9(5)*(.35*2?28(9*?572*0(?6/5)*-, -E31?,(3/*?0(76307*(5-(?1)(-9(5)*9-72(1?6-631?,(E-04*,0A(F-@*(1-603/*2?53-6(-9(5)*3@4,3*/(?75)-2f0(0357?53-6I(.)*)*2(5)?5(-9(*B?6E*,305(-2(1-@@76358I(?6/(-9(3@4,3*/(?7/3*61*(9-2(*?1)(E-04*,A(''K*('XW=: [A(MN*0732*/I(P2*B3-700A)](''K*('XW=<LLA(MN*0732*/I(P2*B3-700A(

(/N\#66&'' : -3.h1'\,;*O*44*71': -1407-.'' -7*'O'(),7,43-.!' ++0>)-2,>*24((6#''7*8,41(! (057/8(-9(P?7,f0(,39*1(+*E36636E(. 35)(*B3/*61*(92-@()30(,*55*20A(%6=/*45)(?55*653-6(5-(2)*5-231?,(0357?53-60(?6/5)*-, -E31?,(3/*?0(36(N-@?60I(L=: (D-2365)3?60I(\?,?53?60I(P)3,3443?60I(L('')*00?, -63?60I(?6/(P)3,*@-6A((F-@*(?55*653-6(5-(5)*2(,*55*20(-9(5)*P?7,36*(1-2470A(''K*('XW=: [A(MN*0732*/I(P2*B3-700A)](''K*('XW=<LLA(MN*0732*/I(P2*B3-700A(

(/N\#669'' ''7*-4,=*'/H*O.05,-21'O;'4H*'S08*72'P7-((6#''7*8,41(N*B3*. (?6/(/3017003-6(-9?(67@+*2(-9(@-/*26(5)*-, -E3?60(.)-)?B*(@?/*(04*13?,(1-6523+753-60(36(/*?,36E(. 35)(5)*(42-+,*@0(-9(-72(53@*0(?6/5)*(?/B?61*?*65(-9(5)*D)23053?6(9?35)A('')30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/('XW(2*0732*?*650A(''K*('XW=L; S(-2('XW=L; SFA(MN*0732*/I(P2*B3-700A(

(/N\#66G'' \,4375KY': 7-K*7'O'(-+7->*241': -1407-.'' -7*'O'(),7,43-.!' ++0>)-2,>*24((6#'' 7*8,41(''30(1-720*(?V@36*0(5)*2(*,?53-60)34(-9(. -20)34(?6/(D)23053?6(,39*(5)2-7E)(?1-603/*2?53-6(-9(,3572E8I(42?8*2I(?6/(0?12?@*65A('')30(1-720*(?6E?E*0(057/*650(36/-36E(,3572E31?,(5)*-, -E8I(?6/(1-603/*20(5-4310(071)(?0(F1234572*(?6/(,3572E8I(5)*(4?01)?,(@805*28I(,3572E31?,(42?8*2(36(5)*(1-65*V5(-9(5)*(,3572E31?,(8*?2(?6/(0?12?@*65?,(2357?,0I(5)*(11,*03?,(?6/(2357?,(6?572*(-9(,3572E8(?6/(0?12?@*65I(?6/(,3572E8(?0?(17,572?,(2*?,358A(''K*('XW=: : Z(-2('XW=: : [A(MN*0732*/I(P2*B3-700A(

(/N\#66J'' ''H7,14,-2''*. *M7-4,02'O;'4H*'S-11((6#''7*8,41(''30(1-720*(4,?1*0(5)*5)*-, -E8I()305-28I(?6/(42?1531*(-9(5)*N-@?6(D?5)-,31(1*,*+2?53-6(-9(5)*(^?00(36(1-6B*20?53-6(. 35)(1-65*?4-2?28(4?05-2?,(1-65*V50A(F57/*650(. 3,,(E?36(9?@3,3?2358(. 35)(5)*(2357?,(9-2@(?6/(5)*-, -E31?,(1-65*65(-9(5)*(^?00(5)2-7E)(1,-0*(2*?/36E0(-9(423@?28(?6/(0*1-6/?28(5)*-, -E31?,(0-721*0A(''30(1-720*(4?253?,8(0?53093*0(^?23?6=04*13931(E*6*2?,(* /71?53-6(1722317,7@(05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5(M: 6/('XW(2*0732*?*650A(''K*('XW=: : Z(-2('XW=: : [A(MN*0732*/I(P2*B3-700A(

(/N\#66%'' S-77,-5*((6#''7*8,41(

!""#\$%&\$'()*(+*,-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/N\#6@B" S*2407,25',2'S,2,147K((&Z9B#"7*8,41(
d**K,8(@**536E0(. 35)(?5)*-,-E8(9?17,58(@*@+*2(5-(42?1531*(@3630528(0K3,,0(+*36E(*?26*/(?6/(5-(2*9,*15(
5)*-,-E31?,,8(-6(5)*0*(42?1531*0A(")30(1-720*/- *0(6-5(?44,8(5-. ?2/(5)*E*6*2?,(* /71?53-6(1722317,7@(
05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(
(
/N\#6@G" S*2407,25',2'S,2,147K((&Z9B#"7*8,41(
d**K,8(@**536E0(. 35)(?5)*-,-E8(9?17,58(@*@+*2(5-(42?1531*(@3630528(0K3,,0(+*36E(*?26*/(?6/(5-(2*9,*15(
5)*-,-E31?,,8(-6(5)*0*(42?1531*0A(")30(1-720*/- *0(6-5(?44,8(5-. ?2/(5)*E*6*2?,(* /71?53-6(1722317,7@(
05?6/?2/0(-9(9?35)I(*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(
(
/N\#6BB" :1K+H0.05K'O;'E*.,5,02((6#"7*8,41(
F** (PFi=<SSA(")30(1-720*/- *0(6-5(?44,8(5-. ?2/(5)*E*6*2?,(* /71?53-6(1722317,7@05?6/?2/0(-9(9?35)I(
*5)310I(?6/(9-76/?53-60(-9(5)-7E)5A(
""K*(PFi=L; L(-2(PFi=: : ; A(MN*0732*/I(P2*B3-700A(J)""K*("XW=L; S("XW=X; S(-2("XW=

!""#\$%&\$'(")*+*,.-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/N\#@JG" <24*721H,)((\$#"7*8,41

! ""#\$%&\$'(") * (+ , - . (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?1?/*@31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

!""#\$%&\$'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?*,=53@*(1-720/*0123453-60(?2*(?B?3,?+,*(36(5)*,3B*(C63B*20358(D?5?,_E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(

/\#G@&" E*1*-7+H'S*4H081((9#"7*8,41(

")30(1-720*(30/*03E6*/(5-(42-B3/*,*?/*20)34(057/*650(. 35)(?6(3652-/715-28(K6-. ,*/E*(?6/*V?@4,*0(-9(2*0*?21)(@*5)-/,-E3*0(753,3J*/(36(#/71753-6?(F57/3*0(?6/5)*(*Y*)?B3-2?(F13*61*0A(Y?031(2*0*?21)(1-61*450I(361,7/36E(07?6535?53B*(?6/(07?,35?53B*(2*0*?21)I(*5)310I(0?@4,36EI(-+R*153B358I(2*,3?+3,358I(B?,3/358I(?6/(05?6/?2/3J?53-6(?2*/301700*/A(N*0*?21)(@*5)-/0(071)(?0(07*053-66?32*0I/*0123453B*I(1-22*,?53-6?,I(*V4*23@*65?,I(?6/(07?03=*V4*23@*65?,(057/3*0(. 3,,(?0-(+*(1-B*2*/I(361,7/36E(?6(3652-/7153-6(5-(05?530531?,(5*050(?6/(?5?/?6?,8030A(")30(1-720*(9-170*0(-6(42*4?236E(5)*057/*650(5-(76/*25?K*(5)*2*0*?21)(42-R*15(5)?5(. 3,,(0*2B*(?0(5)*32(5)*030A(

(

/\#G@6" :7057->'T*=.0)>*24'-28'P=-.3-4,02((6#"7*8,41(

G7236E(5)30(1-720*I(*?/*20)34(1?6/3/?5*0(. 3,,(+*(E3B*6(5)*976/?@*65?,(5--0I(42-1*00*0(?6/())?+350(-9(@36/(5)?5(2*07,5(36(0711*0097,(42-E2?@(*B?,7?53-6A(F57/*650(. 3,,(+*(3652-/71*/(5-(@-/*,0(-9(*B?,7?53-6(?6/(E?36(*V4*23*61*(36(. -2K36E(. 35)(05?K*)-/*20I/*B*, -436E(?6/(3@4,*@*6536E(*B?,7?53-6(360527@*650I(?6?,8J36E(/?5?I(?6/(1-@43,36E(?6(*B?,7?53-6(?6/(052?5*E31(?153-6(2*4-25(-6(?157?,(42-E2?@0(36(-4*2?53-6(. 35)36(5)*(1-@@76358(?6/H-2(763B*20358A(

(

/\#G@J" "02;.,+4'S-2-5*>*24((6#"7*8,41(

D-69,315(?)44*60A(%())44*60(.)*6(8-7(?2*(5)*1?70*(?6/(35?)44*60(.)*6(?2*(6-5(5)*1?70*A(%%)?44*60(.)*6(8-7(?2*(?. ?2*(?6/().)*6(8-7(?2*(6-5(? . ?2*(-9(35A(%%)44*60(5-(8-7(?6/(?2-76/(8-7A(d))6(+*36E0(365*2?15I(1-69,315(30(36*B35?+,*A(I 6/(5)?5U0(-K?8A(")2-7E(5)30(*,*153B*(1-720*I(*?/*20)34(1?6/3/?5*0(. 3,,(36B*053E?5*(1-69,315(36(5)*(@?68(. -2,/0(36(.)31(5)*8(976153-6(?6/(). 3,,(E*5(?1)?61*5-(36B*053E?5*(5)*32(-. 6(?55357/*0(5-. ?2/0(35(?6/(2*04-60*0(5-(35A(")*1-720*(. 3,,(42-B3/*(?6(-44-2576358(5-/(301700())-. (5-(?6?,8J*(1-69,315(7036E(FP%'D#N&dI(2*1-E63J*(5)*05?E*0(-9(1-69,315(36(5)*1-69,315(0432?,I(42?1531*(1-69,315(2*0-,753-60(0K3,,0I(?6/(?44,8(B?23-70(1-69,315(2*0-,753-6(@-/*,0(5-(42-+,*@0A(

(

/\#G@I" E*1037+*! ..0+-4,02((6#"7*8,41(

")30(1-720*(. 3,,(42*4?2*(?043236E(*?/*20(5-(@?6?E*(5)*2*0-721*0(?B?3,?+,*(5-(01)--0(?6/(@?K*(5)-7E)597,I(4236134,*/I(2*0*?21)=+?0*//*1303-60(?+-75(5)-0*(2*0-721*0A(! 043236E(*?/*20(. 3,,(?00*00(?01)--,f0(?,-1753-6(-9(2*0-721*0(N53@*I(4*-4,*(?6/(@-6*80I(?6?,8J*(5)*(?3E6@*65(+*5. **6(5)?5(?,-1753-6(?6/5)*0(1)--,f0(E-?0(-2(@3003-6I(?6/(057/8(+5)(5)*(42-1*00(?6/(-751-@*0(-9(*?/*20f(/*1303-60(.)*6(9?1*/(. 35)(01?21*(2*0-721*0A(W*?/*20(. 3,,(057/8(5)*0-721*0(-9(2*B*67*(?11*003+,*5(-+-5)(423B?5*(?6/(47+,31(01)--0(?6/5)*(*V4*6/3572*0(1-@@-6(36(01)--0A(")2-7E(5)30(. -2KI(*?/*20(. 3,,(?0-(/*B*, -4(5)*(936?613?,(B-1?+7,?28(6*1*00?28(5-/*0123+*(5)*1-6/353-6(-9(5)*32(-2E?63J?53-6(?6/(42-B3/*(-B*203E)5(-9(?01)--,(+7/E*5A(

(

/\#GB\$" /H*"3.437*'0;'N,5H':*7;07>,25'(H00.1((6#"7*8,41(

")30(1-720*(. 3,,(42-B3/*,*?/*20)34(1?6/3/?5*0(5)*E73/?61*(?6/(360527153-6(5)2-7E)(.)31(5)*8(. 3,,(*?26(5-(3/*65398(5)*(123531?,(25523+75*0(-9(01)--,(17,572*(?6/5)*9?15-20(5)?5(0)?4*(35A(! 043236E(*?/*20(. 3,,(057/8(5)*052?5*E3*0(01)--,(?/*20(*@4,-8(

!""#\$%&'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@#1(8*?2A(!,,(2*?*,= 53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*,(3B*(C63B*20358(D?5?,_-E(-9(D-720*0(?6/(F*153-60(&99*236E0A((@*?072?+,*(E-?,0(?6/(. -2K(. 35)(5*?1)*20(5-(05?+,30)(8*?2,8(3@42-B*?*65(E-?,0A(W*?/*20)34(1?6/3/?5*0(. 3,,(,*?26(0)-. (5-(3/*65398I(2*12735I(0)32*I(/*B*,-4I(?6/(2*5?36(5?,*65*/(5*?1)*20A((/\#GB%" "-. '-28'"3.437*'0;'" -4HO.,+'(+HOO.1((6#"7*8,4I(")*(B-1?53-6(5-(@36305*2(36(?D?5)-,31(01)--,(30(?1?,,(5-(12*?5*(?17,572*(-9,(3B36E(?6/,(,*?2636E(36(5)* (01)--,(1-@@76358(5)75(30(05**4*/(36(\-04*(B?,7*0A(%6(5)30(1-720*I(057/*650(. 3,,(*V?@36*(5)*(_?531?6(?6/(CAFAY(30)-40U(/-17@*650(5)75(/0123+*(5)30(B-1?53-6A(%6(?/353-6I(5)*8(. 3,,(057/8(5)*2*0*?21)(-6(0)3E),8(*99*153B*(01)--,(17,572*0I(?6/(36(4?25317,?2I(5)*2*0*?21)(-6(5)-0*(?04*150(-9(17,572*(5)75(?2*(?5523+75*/(5-(@?K36E(D?5)-,31(01)--,(0(0-(*99*153B*A(D?6/3/?5*0(. 3,,(70*(?D7,572*(!7/35(P2-5-1-,5-(?00*00(5)* (17,572*(-9(5)*32(-1?,(D?5)-,31(01)--,(?6/(. 3,,(12*?5*(?6(?153-6(4,?6(5-(423-2353J*(5)*(1)?6E*0(6***/(5-(@-B*(5)*(01)--,(5-(+*1-@36E(?6(*99*153B*(2*07,50=/23B*6(*65358A(D?6/3/?5*0(. 3,,(*?26(0)-. (5-(423-2353J*(5)*32(?153-6(4,?6(36(-2/*2(5-(@?V3@3J*(057/*65(?!))3*B*?*65(E?360A((/\#GG%" <24*721H,)'<((9#"7*8,4I(")*(1,3631?,(365*260)340(?2*/03E6*/(5-(42-B3/*(*?/*20)34(1?6/3/?5*0(. 35)(2*?,(. -2,/*V4*23*61*0(36(5)* (0*5536E(36(.)31)(5)*8(365*6/(5-(?44,8(5)*(K6-. ,*/E*I(0K3,,0I(?6/(/304-0353-60(*?26*/(/7236E(5)*32(93205(8*?2(-9(1-720*. -2KA(W*?/*20)34(1?6/3/?5*0(. 3,,(?11-@4,30)(5)30(+8(0)?/- . 36E(?/@363052?5-20(MBA*A(4236134?,(-2(?00305?65(4236134?,0(5-(+*1-@*(9?@3,3?2(. 35)(5)*(/?3,8/753*0(?6/(2*04-603+3,353*0(-9(01)--,(,*?/*20A(W*?/*20)34(1?6/3/?5*0(?2*(0744-25*/(9-2(-6*(-2(5. -(0*?*05*2(0*?*05*20(+8(?6(*V4*23*61*/(I 52?609-2@?53B*(,*?/*2A((/\#GG\$" <24*721H,)'<((9#"7*8,4I(")*(1,3631?,(365*260)340(?2*/03E6*/(5-(42-B3/*(*?/*20)34(1?6/3/?5*0(. 35)(2*?,(. -2,/*V4*23*61*0(36(5)* (0*5536E(36(.)31)(5)*8(365*6/(5-(?44,8(5)*(K6-. ,*/E*I(0K3,,0I(?6/(/304-0353-60(*?26*/(/7236E(5)*32(93205(8*?2(-9(1-720*. -2KA(W*?/*20)34(1?6/3/?5*0(. 3,,(?11-@4,30)(5)30(+8(0)?/- . 36E(?/@363052?5-20(MBA*A(4236134?,(-2(?00305?65(4236134?,0(5-(+*1-@*(9?@3,3?2(. 35)(5)*(/?3,8/753*0(?6/(2*04-603+3,353*0(-9(01)--,(,*?/*20A(W*?/*20)34(1?6/3/?5*0(?2*(0744-25*/(9-2(-6*(-2(5. -(0*?*05*2(0*?*05*20(+8(?6(*V4*23*61*/(I 52?609-2@?53B*(,*?/*2A((/\#GG9%" <24*721H,)'<W*-8*71H,)'2'T*=*0),25'?-,4Ha(),7,43-.,4K((9#"7*8,4I(%6(5)30(1-720*1(1?6/3/?5*0(. 3,,(04*6/(0-@*(1,?00(53@*(?V?@3636E(5)*(+?031(5*6*50(-9(5)*(D?5)-,31(D)721)(?0(. *,(70(5)*2(2?53-6?,*(9-2(5)-0*(5*?1)36E0A(F4*13?,(1-603/*2?53-6(. 3,,(+*(E3B*6(5-(+*,3*90(5)75(@?8(3@4?15(9?17,58H05?99)3236EH2*5*653-6I(?0(. *,(70(5)-0*(5)75(@?8(@-05,(3K*,8(0729?1*(?0(07*053-60(?@-6E(057/*650A(") *6I(36(?D?5)-,31(01)--,(6B32-6@*65I(5)*8(. 3,,(-2K(. 35)(5)*(4236134?,(-2(-5)*2(01)--,(,*?/*2(5-(V4,-2*(5)*3@4?15(-9(5)*0*(?6/(-5)*2(5*?1)36E0(-6(5)*(01)--,A(") *(1?6/3/?5*(. 3,,(?0-(. -2K(. 35)(5)*(D?5)-,31(01)--,(,*?/*2(5-(V4,-2*(04*13931(-44-2576353*0(?0030536E(36/*B*,-4@*65(-9(0432357?,358(36(5)*(01)--,(1-@@76358A((/\#GG6%" <24*721H,)'<W*-8*71H,)'2'T*=*0),25'?-,4Ha(),7,43-.,4K((9#"7*8,4I(")*(1,3631?,(365*260)34(30/*03E6*/(5-(42-B3/*(*?/*20)34(1?6/3/?5*0(. 35)(2*?,(. -2,/*V4*23*61*0(36(5)* (0*5536E(36(.)31)(5)*8(365*6/(5-(?44,8(5)*(K6-. ,*/E*I(0K3,,0I(?6/(/304-0353-60(*?26*/(/7236E(5)*32(93205(8*?2(-9(1-720*. -2KA(W*?/*20)34(1?6/3/?5*0(. 3,,(?11-@4,30)(5)30(+8(0)?/- . 36E(?/@363052?5-20(MBA*A(4236134?,(-2(?00305?65(4236134?,0(36(?D?5)-,31(01)--,(5-(+*1-@*(9?@3,3?2(. 35)(5)*(/?3,8/753*0(?6/(2*04-603+3,353*0(-9(01)--,(,*?/*20A(W*?/*20)34(1?6/3/?5*0(?2*(0744-25*/(9-2(-6*(-2(5. -(0*?*05*2(

! ""#\$%&'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?1?/*@31(8*?2A(!,,(2*?,-
53@*(1-720*/0123453-60(?2*(?B?3,?+,*(36(5)*,(3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
0* @*05*20(+8(?6(*V4*23*61*/I(52?609-2@?53B*(,*?/*2I(E*6*2?,8(-6*(.)-())?0() ?/(*V4*23*61*(36(D?5)-,31(
01)--,0A(
(
/\#GJB'' *-8*71H,)';07'(438*24*-72,25((6#''7*8,41(
%6(5)30(1-720*(W*?/*20)34(D?6/3/?5*0(. 3,,(764?1K(52?609-2@?53-6?,(*?/*20)34(?0(35(2*,?5*0(5-(01)--,(
,*?/*20)34(?6/(350(3@4?15(-6(057/*65(?1)3*B* @*65A('')30(361,7/*0(b/**4/3B36Ec(365-(1)?6E*(@?6?E*@*65(
?6/(*?/*20)34I(05?5*(5726?2-76/(?6/(76/*2=4*29-2@36E(01)--,0I(5)*(/*1303-6=@?K36E(42-1*00(-9(?,*?/*2(
?6/(+73,/36E(?6/(0705?3636E(0?9*(?6/(0744-253B*(,*?2636E(*6B32-6@*650(9-2(+ -5)(05?99?6/(057/*650A(
(
/\#G%&''' ()*+,-./0),+1((\$#6''7*8,41(
'')30(1-720*(1-B*20(4?25317,?2(3007*0(36(5)*93*,/(-9(*?/71?53-6?,(*?/*20)34(-2(2*,3E3-70(*?/71?53-6?,(
,*?/*20)34(E*6*2?,8(6-5(1-65?36*/(36(-5)*2(1-720*0A(%(@?8(?0-(+*(70*/(5-(9725)*2(/*B*, -4(1-65*65(36(
-5)*2(1-720*0A(F** (1-720*(0*153-6(1-@@*650(9-2/*0123453-6A(G*0123453-60(423-2(5-(07@@*2(: ; : (1?6(+*(
B3*. */(?5(@?2?36A*/7H2*E3052?2A(
(
/\#G%\$'' *-8*71H,)''',7+,*':70;,,*(\$#''7*8,41(
%6(-2/*2(5-(E2-. (-72(1?4?1358(5-(V*2130*(,*?/*20)34I(35(30(3@4*2?53B*(5)?5(. *(76/*205?6/()- . (*?2*(
0)-. 36E(74(36(-72(*?/*20)34(2-,*A((d) *2*(?@%36(@8(*?/*20)34(42?1531*e(d) ?5(30(5)*6*V5(
/*B*, -4@*65?,(@-B*(5)?5(. 3,,(03E63931?65,8(E2-. (@8(*?/*20)34(*99*153B*6*00e('')30(1-720*(?/?2*00*0(5)30(
1)?, *6E*) *?/(-6I(*V4, -236E(07*053-60(361,7/36E'(X-. (/-(%0)-. (74(36(5)*(0805*@e(d)31)(-9(@8(
+*)?B3-20(?2*(42-/7153B*e(D-765*242-/7153B*e(d) ?5(?2*(@8(+,36/(04-50e(d) *2*(?@%E*6*2?536E(
/*4*6/*618(2?5)*2(5)?6(1?4?1358e(d) *2*(?6/()- . (3,,(9-170(@8(-. 6(/*B*, -4@*65?,*6*2E8(5-(+*(
@-05(E*6*2?53B*(9-2(@8(E2-. 5)e(%6(5)30(1-720*1(5)30(/*B*, -4@*65(30(*V4, -2*/(+8,*B*2?E36E(?(<Z; (G*E2**(
T**/+?1K(42-1*00(''))*(W*?/*20)34(D321,*P2-93,*(<Z; (G*E2** (T**/+?1K(''-- ,0I(1-@+36*/(. 35)(
G*B*, -4@*65?(?6/(F-@?531(#V*1753B*(D-?1)36EA(\2?/*/(FHCA(
''?K*(''WW=ZL[A(MN*0732*/I(P2*B3-700A(
(
/\#G%B'' T,7*+4*8'P.*+4,=*((6#''7*8,41(
F57/*650(. 3,,()?B*(5)*(-44-2576358(5-(5?K*(?6(*, *153B*(1-720*(5-(@**5(5)*32(4*20-6?,(1?2**2(E-?,0(?6/(
6**/0A(''))*(,*153B*(1-720*0(. 3,,(?/?2*00(?(. 3/*(2?6E*(-9(5-4310(?6/(@?8(+*(05271572*/(?0(2*E7,?2(-2(0*,9=
/32*15*/(1-720*0(5)?5()?B*(+**6(?442-B*/(+8(5)*057/*650(9?17,58(?/B30-2A(#, *153B*(-99*236E0(?6/(
01)*/7,*0(?2*(?/705*/(*?1)(0* @*05*2h(057/*650(0)-7,/(-1-607,5(. 35)(5)*32(?/B30-2(+*9-2*(1)--036E(?,,(
1-720*0A(
(
/\#GI &''' L7-24'U7,4,25a?3287-,1,25((6#''7*8,41(
%6(5)30(1-720*1(057/*650(. 3,,(057/8(+?031(5*1)6307*0(9-2(0711*0097,(E2?65(. 23536E(?6/(976/2?3036EI(361,7/36E(
2*0*?21)36E(42-04*153B*(976/36E(0-721*0I(/*B*, -436E(?42-04*1570I(?6/ (. 23536E(?0711*0097,(42-4-0?A(%6(
?/?353-6I(1-603/*2?53-6(. 3,,(+*(E3B*6(5-(5)

!""#\$"%&\$'(")*(+,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?,+,*(36(5)*(.3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
/\#GI@" S*2407*8'E*1,8*2+K'<<(6#"7*8,41(
^*65-2*/(N*03/*618(%30(?6(365*603B*(1,3631?,(2*03/*618(/*03E6*/(5-(0744-25(?6/(052*6E5)*6(*?/*20)34(

! ""#\$%&\$'(") * (+ , -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61* / (9-2(5) *(: ; : <=: >(?1?/* @31(8*?2A(! ,, (2*?, =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(

!""#\$%&\$'()*+*,.- (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,_E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
?B?3,?+,*(5-(057/*650(36(5)*(_*5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(?(5(5)*(!613,,?(D-,,*E*(1?@470A(.(35)*@4)?030(-6,(-1?536E(?6/3/*6539836E(5)*(?6?5-@31?,(2*E3-60(?6/,(?6/@?2K0A(%652-/7153-6(5-/*0123453B*(?6/(5-4-E2?4)31?,(5*2@0(.3,,(+*/301700*/A(
"?K*(Y%&=: L>(_\$P=L; ; A(MN*0732*/I(P2*B3-700A(]"?K*(_\$P=LL<WA(MN*0732*/I(D-61722*650A(
(
XR: #\$\$6\'' !2-40>K'-28': HK1,0.05K'\-M((9#''7*8,41(
F57/*650(,*?26(5)*976/?@*65?,(5*1)6307*0(36B-,B*/(36(?6?5-@31/(300*153-61(?0(. *,,(?0(6*12-408(42-1*/72*0A(F57/*650/300*15(42*0*2B*/(?6/H-2(92*0)(?63@?,(04*13@*60A(")30(1-720*(30(-6,8(?B?3,?+,*(9-2(057/*650(36(5)*(_*5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(?(5(5)*(!613,,?(D-,,*E*(1?@470A(
"?K*(Y%&=: L>(_\$P=L; ; A(MN*0732*/I(P2*B3-700A(]"?K*(_\$P=LL: A(MN*0732*/I(D-61722*650A(
(
XR: #9&" (>-..!2,>-. 'R371,25((6#''7*8,41(
F57/*650(. 3,,(*?26(?+-75()-0435?,(@?365*6?61*(?6/(/30369*153-61(E*6*2?,(4?53*65(1?2*I(1,3631?,(6752353-61(@*/31?536E(?63@?,0I(*V?@2--@*5*1)6307*0I(J--6-531/(30*?0*0I(42*B*65?53B*())*?5)(42-E2?@0I(-61-, -E8I(2*42-/7153-6(?6/(6*-6?5?,(1?2*A(X7@?6=!63@?,(+6/(?6/(?75)?6?03?(. 3,,(+*/301700*/I(?0(. *,,(?0(?68(-5)*2(5-4310(2*,?5*/(5-5)*(!_ ^!(*00*653?,(0K3,0(?003E6*/(?0(1-720*(1-65*65A(")30(1-720*(30(-6,8(?B?3,?+,*(5-(057/*650(36(5)*(_*5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(?(5(5)*(!613,,?(D-,,*E*(1?@470A(
"?K*(Y%&=: L>(_\$P=L; ; A(MN*0732*/I(P2*B3-700A(
(
XR: #6&" ",2,+.-.\-M'<((9#''7*8,41(
")30(1-720*(. 3,,(1-60305(-9(1,3631?,(0K3,0I,(?+-2?5-28(*0734@*65(?6/(B*5*236?28(672036E(42-1*/72*0A(" -4310(361,7/*(5)*1?2*(?6/())?6/,36E(-9(0@?,,(?63@?,0I(?63@?,(2*052?365I(4)8031?,(*V?@36?53-60I(04*13@*6(1-,,*153-61(@*/31?53-6(?/@363052?53-6(?6/(-5)*2(1,3631?,(672036E(0K3,,0A(!68(-5)*2(5-4310(2*,?5*/(5-5)*

!""#\$%&'()*+*,.-./0123453-60(0)-7./(-6,8(+*(2*9*2*61*/(9-2(5)*(:;:<=:>(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720/*0123453-60(?2*(?B?3,?+,*(36(5)*,3B*(C63B*20358(D?5?,-E(-9(D-720*0(76/(F*153-60(&99*236E0A(
(
0?@4,*05-2?E*(?6/(?)?6/,36E(?6/(4*29-2@?61*(-9(?6?,8531(42-1*/72*0(. 3,,(+*(?@4)?03J*/A(FK3,,0(?2*(
/*B*,-4*/(36(5)*70*(?9(?+-2?5-28(*0734@*65I(?+-2?5-28(0?9*58(?6/(07?,358(1-652-A(")30(1-720*(30(-6,8(
?B?3,?+,*(9-2(057/*650(36(5)*_ *5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(75(5)*(! 613,,?(
D-,,*E*(1?@470A(
"?K*(_ \$P=L: ; (_ \$P=L<; A(MN*0732*/I(P2*B3-700A(
(

XR: #99&" (>-.! 2,>-. 'R371,25'<((6#"7*8,41(
F57/*650(. 3,,(*?26(?+-75(9,73/5)*2?48I(52?609703-6(@*/3136*1(5-V31-, -E8I(*@*2E*618(?6/(123531?,(1?2*1(
?6/(. -76/(1?2*(?6/(@?6?E*@*65A(F57/*650(. 3,,(*?26(?+-75(4)8031?,(5)*2?48I(2*)?+3,35?53-6(?6/(
?5*26?53B*(5)*2?43*0(70*/(36(B*5*236?28(@*/3136*A(F57/*650(. 3,,(*?26(?+-75(+?031(/*6530528(?6/5)*0K3,,0(
2*0732*/(5-(1-@4,*5*(?1?636*H9*,36*(/*65?A(F57/*650(. 3,,(1-@4,*5*(N#D&_#N(YWF(?6/(! WF(DPN(D-720*0(
/7236E(5)30(1,700A(&5)*2(5-4310(2*,?5*/(5-5)*(! _ ^ ! (*00*653?,0K3,,0(@?8(?,-(+*(361,7*/(36(5)30(1-720*A(
")30(1-720*(30(-6,8(?B?3,?+,*(5-(057/*650(36(5)*_ *5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(75(
5)*(! 613,,?(D-,,*E*(1?@470A(
"?K*(_ \$P=L: ; (_ \$P=L<; A(MN*0732*/I(P2*B3-700A(
(

XR: #99B" \-75*! 2,>-. 'R371,25'((6#"7*8,41(
F57/*650(. 3,,(*?26(?+-75(5)?6/,36E(1?2*(?6/(2*052?365(?00-13?5*/(. 35),?2E*(?63@?0A(P2*B*65?53B*(
@*/3136*1(1-@@-6(@*/31?,(?6/(072E31?,(42-1*/72*0I(6752353-6?,(2*0732*@*650I(B*5*236?28(672036E(0K3,,0I(
0?9*58(?6/())7@?6*(3007*0(. 3,,(+*(1-B*2*/I(?0(. *,(?0(@?68(-5)*2(5-4310(2*,?5*/(5-(*00*653?,(! _ ^ ! (0K3,,0(
?003E6*/(5-(5)30(1-720*A(P?25(-2(5)30*6532*(1-720*(. 3,,(@**5(?5(?6(-99-1?@470(-1?53-6A(")30(1-720*(30(-6,8(
?B?3,?+,*(5-(057/*650(36(5)*_ *5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(75(5)*(! 613,,?(D-,,*E*(
1?@470A(
"?K*(_ \$P=L: ; (_ \$P=L<; A(MN*0732*/I(P2*B3-700A(
(

XR: #96&" ",2,+-. '\-M'<((9#"7*8,41(
")30(1-720*(. 3,,(1-60305(-9(1,3631?,(0K3,,0I(?+-2?5-28(*0734@*65(?6/(B*5*236?28(672036E(42-1*/72*0A(" -4310(
361,7*/(5)*1(2*(?6/())?6/,36E(-9(0@?,,(?63@?,0I(?63@?,(2*052?365I(4)8031?,(*V?@36?53-60I(04*13@*6(
1-,,*153-6I(@*/31?53-6(?/@363052?53-6(?6/(-5)*2(1,3631?,(672036E(0K3,,0A(! 68(-5)*2(5-4310(2*,?5*/(5-5)*(
! _ ^ ! (*00*653?,0K3,,0(?003E6*/(?0(1-720*(1-65*65(. 3,,(+*(361,7*/A(F57/*650(. 3,,(42?1531*(?6/(1-@4,*5*(
0K3,,0(7036E(@-/*,0(?6/(),3B*(?63@?,0(.)*2*(?442-423?5*A(#00*653?,(N*0732*/(FK3,,0(. 3,,(+*(1)*1K*/(-99(
/7236E(5)30(1-720*(?0(2*0732*/(9-2(E2?/7?53-6A(")30(30(1-720*(30(-6,8(?B?3,?+,*(5-(057/*650(36(5)*(
_ *5*236?28(\$72036E(P2-E2?@A(")30(1-720*(30(-6,8(-99*2*/(75(5)*(! 613,,?(D-,,*E*(1?@470A(
"?K*(_ \$P=L: ; (_ \$P=L<; A(MN*0732*/I(P2*B3-700A(
(

XR: #9@&" <24*57-4,021'<((\$#"7*8,41(
! 6(3652-/7153-6(5-(42-+,*@=?*0*/(,*?2636E(-9(5)*672036E(42-1*00(M4?53*65*(B?,7?53-6I(365*2B*653-60I(?6/(
/*032*/(2*0-,753-600(7036E(?1?0*+=?0*/(4442-?1)A(")30(1-720*(. 3,,(365*E2?5*(9-76/?53-6?,(K6-. ,*/E*(
92-@(?6?5-@8I(4)803-, -E8I(4)?2@?1-, -E8I(?6/(B*5*236?28(672036E(1-720*0A(D?0*0(. 3,,(36B-,B*/399*2*65(
/-@*0531(?63@?,(04*13*0A(F57/*650(. 3,,(*?26(7036E(?B?23*58(-9(5*?1)36E(@-/?353*0(M*1572*1(E2-74(. -2KI(
42-+,*@=?*0*/(,*?2636E0A(")30(1-720*(30(-6,8(?B?3,?+,*(5-(057/*650(36(5)*_ *5*236?28(\$72036E(P2-E2?@A(
")30(1-720*(30(-6,8(-99*2*/(75(5)*(! 613,,?(D-,,*E*(1?@470A(
"?K*(_ \$P=L: ; (_ \$P=L<; A(MN*0732*/I(P2*B3-700A(
(

!""#\$"%&\$'(")*(+*,-. (/0123453-60(0)-7,/(-6,8(+*(2*9*2*61*/(9-2(5)*(: ; : <=: >(?!?/*@31(8*?2A(!,,(2*?,=53@*(1-720*(/*0123453-60(?2*(?B?3,?+,*(36(5)*(.3B*(C63B*20358(D?5?,-E(-9(D-720*0(?6/(F*153-60(&99*236E0A(

(
XR: #9B&" (375*7K'-28! 2*14H*1,-((6#"7*8,41(
F57/*650(. 3,,(057/8(1-61*450(-9(072E31?,(672036E(?6/(?6*05)*03-, -E8A(")*8(. 3,,(*?26(5)*(?/@363052?53-6(
?6/(@-635-236E(-9(?6*05)*03?I(?6?,E*03?I(072E31?,(?0030536E1(2*1-2/(K**436E(?6/(42*4?2?53-6H@?365*6?61*(
-9(5)*(072E31?,(2--@(?6/(360527@*650I(?0(. *,,(?0(-5)*2(5-4310(2*,?5*/(5-(*00*653?,(! _ ^!(0K3,,0(?003E6*/(5-(
5)30(1-720*A(F57/*65(. 3,,(+*1-@*(9?@3,3?2(. 35)(072E31?,(360527@*650(?6/(1-@@-6(072E31?,(42-1*/72*0(
4*29-2@*/(36(0@?,,(?63@?,(@*/3136*A(")30(1-720*(30(-6,8(?B?3,?+,*(5-(057/*650(36(5)*(_*5*236?28(\$72036E(

! ""#\$%&\$'(") * (+, -. (/ * 0123453-60(0) -7, /(-6,8(+*(2*9*2*61*/(9-2(5) *(: ; : <=: >(?!?/*@31(8*?2A(! ,, (2*? , =
53@*(1-720*(/*0123453-60(?2*(?B?3,?+, *(36(5) *(,3B*(C63B*20358(D?5?, -E(-9(D-720*0(?6/(F*153-60(&99*236E0A(
(
. 3,, (36B-, B*(/399*2*65(/-@*0531(?63@?, (04*13*0(?6/(, ?+ -2?5-28(?63@?, 0A(F57/*650(. 3,, (*?26(7036E(?B?23*58(
-9(5*?1)36E(@-/? ,353*0(M, *1572*I(E2-74(. -2KI(42-+, *@=+?0*/(, *?2636E0A(")30(1-720*(30(-6,8(?B?3,?+, *(5-(
057/*650(36(5) *(_ *5*236?28(\$72036E(P2-E2?@A(")