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+#\$):\$!4;!<&%'-0!='\$'-)0!!

+6-3%7\$&!>/3-)'!?-)/537-)!./5&7%#0!!

. \$6-3/&!4;!<&%'-0!='\$'-)0!!

. \$, , \$-3'!4;!<&%'-0!='\$'-)0!!

. @\$6A-3!/(!./66-37-!4;!?-%7@0!!

1 \$#'/&!4;!=, -7'-30!!

>3\$&:#%&!4;!B\$))\$7@5)-'')0!!

C/, %!*D*3%*A*-E!-';!\$#;!4;!*D*356, E!-';!\$#;0!!

8\$3)/&!4;!1/6-)'%7!F!>/3-%G&!./66-37-!./3,;0!!

B\$))\$7@5)-'')!8/A)'-36-&H)!+))H&!4;!?\$%6/&0/0!! !!!!!VJV!;6!! YVO[\Z Appellate Case: 23-4106 Document: 010110984692 Date Filed: 01/16/2024 Page: 4 !

B 53, @*J*!. /;!4;!*I*%*O*-&0!!

D356, !4; !C\$9\$%%?!!

D5#\$3-!. /*5&'J!4;! I5*)@0!!

<&%'-0!='\$'-)!4;!K-/3G-!I5)@!F!./;0!!

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<'\$@!+))H&!/(!.&'J);!4;!I5)@0!!

LJ/6%&G!4;!<&%'-0!='\$'-)0!!

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<ABH54C43EB>! - B6![OX0!XN!; 3436!LV[J!YVOUWZ!

Appellate Case: 23-4106 Document: 010110984692 Date Filed: 01/16/2024 Page: 6 !

6@/7/\\739/62\\5\\50602@2!0\\8:\/!029250\\

! # CEHE! 4A2!54T!GHDBB5! ?AB@2GGBAG! TDB! 4A2!2a?2A3G!E>!3D2!@E25F!B@!?Ib5EH!54>F! 54T!4>F!>43IA45!A2GBIAH2G!54T6! ^ BG3!D492!TAE332>!4>F!?Ib5EGD2F!2a32>GE925S!E>!3D2G2! @E25FG6! . DABIRD!BIA!324HDE>R!4>F!GHDB54AGDE?0!T2!?ABCB32!I>F2AG34>FE>R!B@!3D2!54T! RB92A>E>R! C4>4R2C2>3! B@! @2F2A45! ?Ib5EH! 54>FG0! 4>F! 3D2! DEG3BAS! B@! 3D2! 54T_G! F2925B?C2>36!!

! . . DEG! H4G2! ?A2G2>3G! @I>F4C2>345! `I2G3EB>G! 4bBI3! 3D2! 4FCE>EG3A43EB>! B@! 3D2! #>3E` IE3E2G! #H36! * 2>3A45! 3B! 3D2! A2GB5I3EB>! B@! 3DEG! H4G2! EG! 4>! I>F2AG34>FE>R! B@! 3D2! DEG3BAS!B@!3D2! #>3E` IE3E2G! #H3!4>F!3D2!C4>>2A!E>!TDEHD!@2F2A45!HBIA3G!D492!A29E2T2F! 3D2!2a2AHEG2!B@!<A2GEF2>3E45!FEGHA23EB>! I>F2A!3D2! #H36! . D2!4CEHE!54T! ?AB@2GGBAG!4A2! I>E` I25S!GE3I432F!3B!4GGEG3!3DEG! * BIA3!E>!A2GB5I3EB>!B@!3DEG!H4G26!!

! <IAGI4>3! 3B! %2F6! \$6! # ??6! <6! LOY4ZYJZY) ZMY 'Z0! 4 CEHE! @E52! 3DEG! bAE2@! TE3D! 3D2! HB>G2>3!B@!455!?4A3E2G6! - B!?4A3S_G!HBI>G25!4I3DBA2F!3DEG!bAE2@!E>!TDB52!BA!E>!?4A30!4>F! >B!?2AGB> 1 E>H5IFE>R!4>S!?4A3S!BA!?4A3S_G!HBI>G25 1 HB>3AEbI32F!CB>2S!BA!B3D2ATEG2! @I>F2F!3D2!?A2?4A43EB>!4>F!GIbCEGGEB>!B@!3DEG!bAE2@6! #>!4??2>FEa!5EG3E>R!3D2!>4C2G! B@!3D2!4CEHE!54T!?AB@2GGBAG!EG!E>H5IF2F!4@32A!3D2!HB>H5IGEB>!B@!3DEG!bAE2@6!

53@@690\8:\69P3@2!0\

! . D2! #>3E` IE3E2G! # H3! B@! VOU\ !HB>@2AG! I ?B>!3D2! <A2GEF2>3! bAB4F!4I3DBAE3S!4>F! FEGHA23EB>! 3B! ?AB32H3! Bbc2H3G! TE3D! DEG3BAEH! BA! GHE2>3E@EH! 945I2! 4>F! 3B! A2G2A92! ?Ib5EH!

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3T2>3SMB>2!?A2GEF2>3G!TDB!D492!G2A92F!GE>H2!3D2!#H3!T4G!?4GG2F!B92A!VV[!S24AG!4RB0! 2ERD322> 1 >E>2! \$2?Ib5EH4>G!4>F!>E>2!) 2CBHA43G 1 D492!IG2F!E3!3B!2G34b5EGD!GBC2! VNU! ?AB32H32F! 4A24G! HB92AE>R!>24A5S! VUU! CE55EB>! 4HA2G! B@! ? Ib5EH! 54>FG6[#]! + 92A! 3D43! 2>3EA2! ?2AEBF0% *B>RA2GG! D4G! >292A! 4C2>F2F! E3G! ?AEC4AS! 32ACG6! . B! 3D2! HB>3A4AS0! *B>RA2GG!D4G!B@32>!HB>@EAC2F!4>F!2a?4>F2F!?AB32H3EB>G!?A2GEF2>3G!D492!?I3!E>!?54H2! 3DABIRD!3D2!#H36!&>F22F0!4bBI3!D45@!B@!3D2!>43EB>_G!\X!mHABT>!c2T25n!>43EB>45!?4AQG! 3D43! * B>RA2GG! D4G! 52REG5432F! T2A2! @EAG3! ?AB32H32F! bS! ?A2GEF2>3G! IGE>R! 3D2! #H36! - B! @2F2A45!HBIA3!D4G!292A!F2H54A2F!4!<A2GEF2>3E45!?ABH54C43EB>!3B!b2!E>!9EB543EB>!B@!3D2! #H30! 4>F! 24HD! S24A0! 32>G! B@! CE55EB>G! B@! ?2B?52! 9EGE3! 3D2G2! 4A24G6! &>! GDBA30! 3D2! #>3E`IE3E2G!#H3!D4G!?AB92>!3B!b2!B>2!B@!3D2!CBG3!EC?BA34>3!4>F!2>FIAE>R!?E2H2G!B@! ?Ib5EH!54>F!52REG543EB>!E>!, 6;6!DEG3BAS0!A2GI53E>R!E>!3D2!?AB32H3EB>!B@!94G3!>ICb2AG!B@! @A4RE52!4>F!EAA2?54H24b52!A2GBIAH2G!4HABGG!3D2!HBI>3AS0!@BA!3D2!b2>2@E3!B@!@I3IA2!4G! T255!4G!?A2G2>3!R2>2A43EB>G6!!!!!

&>9BQE>R!3DEG!4I3DBAE3S0!<A2GEF2>3!8EF2>!EGGI2F!3TB!?ABH54C43EB>G!A2G3BAE>R! 824AG! '4AG!4>F! "A4>F!; 34EAH4G2M 'GH454>32! - 43EB>45! ^B>IC2>3G!E>!, 34D6!8B3D!4A24G! 4A2!F2>G2!TE3D!HI53IA45!4A3E@4H3G0!4>F!3D2S!4A2!G4HA2F!3B!3D2!.AEb2G!B@!3D2!F2G2A3! GBI3DT2G3!A2REB>6!.D2!824AG! '4AG!&>32AM.AEb45!*B45E3EB>!2G3EC432G!3D43!824AG! '4AG!EG!

[#]!=--!*B>RA2GGEB>45!\$2G24AHD!;2A9EH20!*M*\$'%/&\$#!*B*/&56-&')!\$&0!'@-!+&'%N5%'%-)!+7'! YI?F432F!:4>6!L0!LULJZ0!<u>D33?KggGR?6@4G6BARgHAGgCEGHg\$JVXXU6?F@</u>6!

>292A! 455BT2F! 3D2! 5E3ER43EB>! 3B! ?ABH22F! b2SB>F! 3D2! ?524FE>RG! G34R26! = --0! -;G;0! B ()) (\$7@5) - '')! 8/A)' - 36 - &H)! +)) H&! 4;! ?/) 0! OJN! %6XF! NXN! Y) 6*6! *EA6! LUVOZo! B/5&'\$%&!='\$'-)!8-G\$#!>/5&0;!4:!I5)@0!XU | !%6XF!VVXL!Y) 6*6!*EA6!LUULZ0!<'\$@!+))H&!/(!. &'J);!4;!I5)@0!XV\!%6!; I??6!LF!VV[L!Y)6!, 34D!LUUJZ6!82H4IG2!3D2!#>3E`IE3E2G!#H3! FB2G! >B3! ?AB9EF2! @BA! cIFEHE45! A29E2T0! @2F2A45! HBIA3G! D492! TA2G352F! TE3D! 3D2! 494E54bE5E3S! 4>F! GHB?2! B@! >B>G343I3BAS! cIFEHE45! A29E2T! B@! <A2GEF2>3E45! CB>IC2>3! ?ABH54C43EB>G6!.D2!) 6*6!*EAHIE3!*BIA3!B0!#??245G!D4G!F2925B?2F!4!IG20I5!0A4C2TBAQ! 3D43! H4>! G2A92! 4G! 4! RIEF2! @BA! 3DEG! HBIA30! HB>FIH3E>R! 4! @4HE45! A29E2T! B@! 3D2! ?ABH54C43EB>G!@BA!?IA25S!52R45!`I2G3EB>G!4G!3B!TD23D2A!3D2!<A2GEF2>3!4H32F!TE3DE>! F252R432F!G343I3BAS!4I3DBAE3S6!%BA!B3D2A!H54ECG!3D43!EC?5EH432!`I2G3EB>G!B@!@4H3!BA!3D43! C4S!E>3AIF2!E>3B!3D2!<A2GEF2>3 G!FEGHA23EB>0!HBIA3G!D492!A2@A4E>2F!@ABC!F2HEFE>R!3D2!I53EC432! 12G3EB>!4G!3B!3D2!494E54bE5E3S!BA!GHB?2!B@!>B>G343I3BAS!cIFEHE45!A29E2T!B@! <A2GEF2>3E45!4H3EB>6!

. D2!H54ECG!43!EGGI2!E>!3DEG!4??245!4A2!GECE54A!E>!455!C432AE45!A2G?2H3G!3B!3D2G2! H4G2G!@ABC!3D2!) 6*6!*EAHIE3!*BIA3!B@!#??245G6!#??2554>3G!4GQ!3DEG!HBIA3!3B!RB!@4A! b2SB>F!3D2!?AB?2A!bBI>F4AE2G!@BA!cIFEHE45!A29E2T!4>F!3B!GIbG3E3I32!E3G!cIFRC2>3!@BA! 3D43!B@!3D2!<A2GEF2>36!.DBG2!4ARIC2>3G!4G!3B!3D2!?AB?2A!AB52!B@!3D2!@2F2A45!HBIA3G! GDBI5F!b2!A2c2H32F!B>!3D2!G4C2!b4GEG!3D43!3D2S!T2A2!E>!3D2!)6*6!*EAHIE36!!

. D2!@2F2A45!RB92A>C2>3!4GQG!3DEG!*BIA3!3B!RB!@4A3D2A!3D4>!4>S!?A29EBIG!HBIA3! D4G! FB>2! E>! A2G3AEH3E>R! cIFEHE45! A29E2T0! 4>F! 3B! 4FFA2GG! D2A23B@BA2! I>A2GB592F! `I2G3EB>G!B@!54T!3D43!TBI5F!D492!bAB4F!EC?5EH43EB>G!@BA!G2?4A43EB>!B@!?BT2AG6!&3!EG! >B3!>2H2GG4AS!@BA!3DEG! * BIA3!3B!4FFA2GG!3D2G2! `I2G3EB>G6! '92>!E@!E3!GEC?5S!4GGIC2G! 3D43!5ECE32F!A29E2T!B@!3D2!<A2GEF2>3_G!2a2AHEG2!B@!FEGHA23EB>!I>F2A!3D2!#>3E `IE3E2G!#H3! CERD3! b2!494E54b520!E3!H4>!A24FE5S!@E>F!3D43!#??2554>3G!D492!@4E52F!3B!4552R2!@4H3G! H455E>R!3D43!FEGHA23EB>!E>3B! `I2G3EB>6!!

69P3@2!0%

/% /K%QB##JKL&DMC% 6 KDJREJDJC#% 6 HD% 7 "KLGC##%BT"QDCT%UFCVJWFC%FBKLEBLC%DMBD% LGBKD#%D"%DMC%; GC#JTCKD%WG"BT%TJ#HGCDJ"K%D"%QG"DCHD%B%XJTC%BGGBY%"U% GC#"EGHC#%BKT%UCBDEGC#%U"EKT%"K%QEWFJH%FBKT#%B#%KBDJ"KBF%I "KE I CKD#\$%%%
! # ? ?2554>3G! ? IA?BA3! 3B! HD4552>R2! 3D2! 3S ?2G! B0! Bbc2H3G! 3D43! H4>! b2! ?AB32H32F!
I>F2A/3D2!#>3E` IE3E2G!# H3!4>F13D2/GEp2!B0!3D2!A2G2A943EB>G6!#G!FEGHIGG2FE>!CBA2!F234E5!
@IA3D2A!b25BT0!3D2EA!H54ECG!D492!b22>!A2c2H32F!bS!292AS!HBIA3!3B!HB>GEF2A!3DBG2EGGI2G6!
#G!4!?A25ECE>4AS!C4332A0!DBT292A0!#??2554>3G!4332C?3!3B!?AB?!I?!3D2EA!054T2F!H54ECG!
TE3D! 4>! E>HBC?5232! 4>F! E>4HHIA432! A2HE343EB>! B0! 3D2! 52REG543E92! DEG3BAS0! TDEHD!
CEGA2?A2G2>3G!3D2!FEGHA23EB>!RA4>32F!3B!3D2!<A2GEF2>3!bS!*B>RA2GG6! P 2!3D2A20BA2!G34A3!
TE3D! b4HORABI>F! HB>32a3! B>! 3D2! #>3E` IE3E2G! #H3! 4>F! 3D2! ?ABH2GG! 3D43! 2(G) 1(!) - 193380052

NJ!, 6;6*6!f!XLUXUVY4Z!Y2C?D4GEG!4FF2FZ6!.D2!?54E>!54>RI4R2!B@!3D2!#H30!C432AE455S! I>HD4>R2F!GE>H2!2>4H3C2>30!2a32>FG!@4A!b2SB>F!4AHD42B5BREH45!4A3E@4H3G6!&>G324F0!E3! RE92G!3D2!<A2GEF2>3!FEGHA23EB>!3B!EF2>3E@S!mBbc2H3G!B@!DEG3BAEH!BA!GHE2>3E@EH!E>32A2G3n! 3D43!T4AA4>3!?AB32H3EB>0! B@!3D2!&>32AEBA!4>F!3D2! " 2>2A45! (4>F! + @@EH26! (220!)5, 3\$!43!NL6! (4H2S!3D2>!B@@2A2F!4! HBC?23E>R!bE550! 16\$6!VVULV0!N\'"!*B>R6!YVOUUZ0!3D43!E>H5IF2F!4!CIHD!bAB4F2A!RA4>3!

B @ !4 I 3 D B A E 3 S !3 B !? A B 3 2 H 3 ! A 2 G B I A H 2 G ! B > !? I b 5 E H !5 4 > F 0 ! 4 I 3 D B A E p E > R !3 D 2 ! < A 2 G E F 2 > 3 !3 B !

qGr23! 4?4A3! 4>F! A2G2A92! 3A4H3G! B@! ?Ib5EH! 54>F0! TDEHD! @BA! 3D2EA! GH2>EH! b24I3S0!>43IA45! TB>F2AG!BA!HIAEBGE3E2G0!4>HE2>3!AIE>G!BA!A25EH3G0!BA!B3D2A! Bbc2H3G!B@!GHE2>3E@EH!BA!DEG3BAEH!E>32A2G30!BA!G?AE>RG!B@!C2FEHE>45!BA!B3D2A! ?AB?2A3E2G! E3! EG! F2GEA4b52! 3B! ?AB32H3! 4>F! I3E5Ep2! E>! 3D2! E>32A2G3G! B@! 3D2! ?Ib5EH0! 4>F! 3D2! <A2GEF2>3! GD4550! bS! ?Ib5EH! ?ABH54C43EB>0! F2H54A2! 3D2! 2G34b5EGDC2>3!B@!GIHD!A2G2A943EB>G!4>F!3D2!5ECE3G!3D2A2B@6!

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. D2! 54>RI4R2! 4FFA2GGE>R! mBbc2H3Gn! TE3D! GHE2>3E@EH! BA! DEG3BAEH! 945I2G! 3DIG!

4??24AG!3B!D492!BAERE>432F!E>!16\$6!VVULV!CBG3!5EQ25S!43!3D2!A2`I2G3!B@!3D2!)2?4A3C2>3!

B@! 3D2! &>32AEBA0! TDEHD! mT4G! ?54E>5S! G22QE>R! bAB4F! FEGHA23EB>4AS! 4I3DBAE3S! @BA! 3D2!

*B>RA2GG!4>F!GER>2F!bS!<A2GEF2>3!.D2BFBA2!\$BBG292536!PD2A24G!24A5E2A!92AGEB>G!B@!

3D2! bE55! mD4F! b22>! 5ECE32F! 3B! DEG3BAEH! 4>F! ?A2DEG3BAEH! 4>3E` IE3E2G! 4>F! C4F2! >B!

?AB9EGEB>!B@!?AB32H3E>R!>43IA45!4A24Gq0r!s!s!s!12T233!T4G!?2AGI4F2F0!?ABb4b5S!bS!

B@@EHE45G!B@!3D2!&>32AEBA!) 2?4A3C2>30!3B!bAB4F2>!DEG!FA4@3!3B!E>H5IF2!3D2!?DA4G2!tB3D2A!

Bbc2H3G! B0! DEG3BAEH! BA! GHE2>3E0EH! E>32A2G36_n! (220!)5, 3\$! 43! [J6!. DEG! 54>RI4R2! T4G!

E>32>F2F!bS!E3G!FA4@32AG!3B!E>H5IF2!3D2!?AB32H3EB>!B@!EC?BA34>3!R2B5BREH!4>F!B3D2A!

>43IA45!A2GBIAH2G6!!

. D2! 4H3! C4F2! H524A! 3D43! GIHD! tBbc2H3G_! T2A2!>B3! HB>@E>2F! 3B! G?2HE@EH! E32CG!B@!4>3E` IE3S!5EQ2!4A3E@4H3G!BA!G3AIH3IA2G0!b2H4IG2! 1 2T233!GDA2TF5S! bBAABT2F! 54>RI4R2! @ABC! B>2! B@! 3D2! bAB4F2A! bE55G! 3D43! D4F! b22>! E>3ABFIH2F! E>! VOUU! 3B! 455BT! 3D2! ?A2GEF2>3! 3B! A2G2A92! ?Ib5EH! 54>F! 3B! ?AB32H3! >B3! B>5S! tDEG3BAEH! 54>FC4AQG_! 4>F! tDEG3BAEH! 4>F! ?A2DEG3BAEH! G3AIH3IA2G0_!bI3!45GB!tB3D2A!Bbc2H3G!B@!DEG3BAEH!BA!GHE2>3E@EH!E>32A2G36_!

!

(2GDS0!) 5, 3\$! 43! LNW6! ^ BA2B92A0! 3D2! bE55! A2c2H32F! G3AEH3! 5ECE3G! B>! 3D2! GEp2! B@!

CB>IC2>3G!4>F!E>G324F!HDBG2!4!CBA2!m@52aEb52!?AB9EGEB>!3D43!?2ACE332F!3D2!<A2GEF2>3!

3B!2G34b5EGD!54AR2A!4A24G!E@!cIG3E@E4b52!s!s!s6n!(220!)53\$

3D2!HB>3A4AS0!

CB>IC2>3! TE3D! 4G! CIHD! 54>F! 4G! C4S! b2! >2H2GG4AS! @BA! 3D2! ?AB?2A! ?AB32H3EB>!3D2A2B@K!

<ABH54C43EB>! - B6!\NW0!XJ!; 3436!XLX\!YVOU\

! ^ BA2!3D4>!@E@3S!S24AG!5432A0!3D2!; I?A2C2!*BIA3!D24AF!4!H4G2!E>9B59E>R!) 29E5_G! 1B520!4!F22?!H492A>!E>!) 243D!d4552S! - 43EB>45! ^ B>IC2>3!HB>34E>E>R!4>!I>F2ARABI>F!

YHE3E>R!mI>4CbERIBIG!; I?A2C2!*BIA3!?A2H2F2>3nZo!*B*/5&'\$%&!='\$'-)!8-G\$#!>/5&O;!4;!

*I*5)@0!XU\!%6XF!VVXL0!VVX[!Y)6!*6!*EA6!LUULZ!Y?54E>3E00G_!4ARIC2>3!m04E5G!4G!4!C4332A!

B@!54T!E>!5ERD3!B@!; I?A2C2!*BIA3!?A2H2F2>3nZ6!!

- /?\$% OMC% 4\$7\$% 7JGHEJD% 7''EGD% ''U% 6QQCBF#% QG''ZJTC#% U''G% UBHJBF% GCZJCX% ''U% ;GC#JTCKDJBF%QG''HFB I BDJ''K#%D''%CK#EGC%DMBD%DMC% ;GC#JTCKD%BHDCT%XJDMJK%DMC% W''EKT#%''U%#DBDED''GY%BEDM''GJDY\$%
- !

! - B>2! B@! 3

! B\$));!8/A)'-36-&H)!+))&;0!0JN!%6XF!43!NJU6! <A2GEF2>3_G! FEGHA23EB>6n! B / 5 & '\$%&! = '\$'-)E! XU\! %6XF! 43! VVX\! Y7%'%&G! . @\$6A-3! /(!
. / 6 6 - 37 - ! 4;! ? - %7@0! [J!%6XF! VXLL!Y) 6*6! * EA6! VOO\ZZ6! \$25SE>R!B>! ? - %7@0! 3D2!) 6*6!
EAHIE3!

&>!4!HBC?4>EB>!H4G20!D5#\$3-!./5&'J

4! ?BA3EB>! B@! 3D2! ^ B>I C2>3! 3D43! 54HQG! 3D2! >43IA45! A2GBIAH2G! 4>F! 2HBGSG32CG! 3D2! <A2GEF2>3!GBIRD3!3B!?AB32H36n!206!43!NJJ6⁽!!!

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. D2! ; I?A2C2! *BIA3! F2>E2F! 3D2! ?54E>3E006_! ?23E3EB>! 0BA! H2A3EBA4AE6! *B\$));!* 8/A)'-36-&H)!+))H&!4;!?\$%6/&O/0!VJV!;6!*36!O[O!YLULVZ6!#??2554>3G!D2A2!?54H2!RA243! T2ERD3!B>!4!G2?4A432!mG3432C2>3n!3D2!*DE20!:IG3EH2!0E52F!45B>R!TE3D!3D2!F2>E456!=--0! -;G;0! " 4A0E25F! 8A6!43!X6! 8I3!3D2!*DE20!:IG3EH2!HB>HIAA2F!E>!3D2!F2>E45!B0!H2A3EBA4AE!Y4G! FEF!455!3D2!B3D2A!:IG3EH2GZ!4>F!>B32F!3D2!) 6*6!*EAHIE3!*BIA3_G!DB5FE>R!m3D43!?23E3EB>2AG! FEF!>B3!?524F!GI00EHE2>3!04H3G!3B!4GG2GG!3D2EA!H54EC!3D43!3D2!^B>IC2>3n!EG!E>HB>GEG32>3! TE3D! 3D2! mGC4552G3! 4A24! HBC?43Eb52n! ?AB9EGEB>! E>! 3D2! #>3E^ IE3E2G! #H36! *B\$));!* 'GH454>32! - 43EB>45! ^ B>IC2>3G6! . D2S!4552R2!<A2GEF2>3!8EF2>!m2aH22F2F!DEG!G343I3BAS!

4;! < &%'-0! = '\$'-)0! L[O! %6XF! VLVJ0! VLLO! YVU!"! *EA6! LUULZ! Y7%'%&G! < &%'-0! D3%A-! /(! =@\$9&--!2&0%\$&)!4;! < &%'-0! = '\$'-)0!LNX!%6XF!NJX0!NJW!YVU! *EA6!LUUVZZ6! <#'3\$!4%3-)! A29E2T!FB2G!>B3!2a32>F!3B!HD4552>R2G!3B!mt4>!E>HBAA2H3!F2HEGEB>!4G!3B!54T!BA!@4H36_n! 206!Y`IB3E>R!8\$3)/&!4;!1/6-)'%7!F!>/3-%G&!./66-37-!./3,;0!XX[!,6;6!\WL0!\ON! YVOJOZZ6!!

. DIG0!I>F2A!3D2!@A4C2TBAQ!GIRR2G32F!D2A20!HBIA3G!H4>!HB>FIH3!4!@4HE45!A29E2T! B@!4!CB>IC2>3!?ABH54C43EB>!3B!4FFA2GG!4552R43EB>G!3D43!3D2!<A2GEF2>3!F2GER>432F! Bbc2H3G!B>!?AE9432!BA!G3432!54>F!3D43!EG!>B3!mBT>2F!BA!HB>3AB552F!bS!3D2!@2F2A45! RB92A>C2>36n³!.D2S!H4>!45GB!4FFA2GG!4552R43EB>G!3D43!3D2!<A2GEF2>3!GDAI>Q!BA! 25ECE>432F!4!>43EB>45!CB>IC2>30!3D2A2bS!4H3E>R!E>!2aH2GG!B@!3D2!4I3DBAE3S!RA4>32F!3B! 3D2!B@@EH2!bS!*B>RA2GG6^{*}!#>F!3D2S!H4>!45GB!HB>GEF2A!4552R43EB>G!3D43!3D2!<A2GEF2>3! 4H32F!E>!HB>3A492>3EB>!B@!B3D2A!4??5EH4b52!@2F2A45!54T6⁺!'4HD!B@!3D2G2!2a4C?52G! TBI5F!b2!A2GB592F!4G!4!C4332A!B@!54T!B>!3D2!@4H2!B@!3D2!?ABH54C43EB>6!&>!24HD!H4G2! 3D2!HBIA3!TBI5F!?54S!4!5ECE32F!AB52!E>!2>GIAE>R!3D43!3D2!<A2GEF2>3!4H32F!TE3DE>!3D2!

^{)!; 220!-;}*G*;0!<&%'-*O*!='\$'-)!4;! . \$#%(/3&%\$0!JX\!,6;6!XL!YVO[WZ6!!

^{*! .} DEG! EG! 3D2! H54EC! G3E55! ?2>FE>R! b2@BA2! 3D2!) 6*6!) EG3AEH3! *BIA3! E>! 3D2! H4G2G! HD4552>RE>R! <A2GEF2>3! . AIC?_G! ?ABH54C43EB>G! GDAE>QE>R! 8 24AG! '4AG! 4>F! "A4>FM ; 34EAH4G2! 'GH454>32! - 43EB>45! ^ B>IC2>3G6! *C*/, *%! D3%A-E! - ';! \$#;! 4;! D356, E! - ';! \$#;0! *B>GB5EF432F!*4G2G! - B6!VKV [MH9MULNOU!Y) 6*6!) EG36!*36Z6!!!!!*

G343I3BAS!4I3DBAE3S!?AB9EF2F!bS!*B>RA2GG!E>!3D2!#>3E`IE3E2G!#H3!4>F!FEF!>B3!4H3!E>! H524A!9EB543EB>!B@!G343I3BAS!?ABDEbE3EB>G6[#],!!

. DEG! 5ECE32F! GHB ?2! B0! A29E2T! ?AB ?2A5S! A2G?2H3G! 3D2! FEGHA23EB>! RA4>32F! bS! * B>RA2GG! 3B! 3D2! <A2GEF2>36! %2F2A45! HB I A3G! 4A2! 2G?2HE455S! G2>GE3E92! 3B! mG I bG3E3 I 3qE>R! 3D2EAr'c I FR C2>3!0BA!3D43!B0!3D2! <A2GEF2>30!s !s !s !! >!4>!4A2>4!E>!TDEHD!3D2!HB>RA2GGEB>45! E>32>3! CBG3! H524A5S! C4>E02G3! EG! s! s! s! 3B! F252R432! F2HEGEB>MC4QE>R! 3B! 3D2! GB I>F! FEGHA23EB>! B0! 3D2! <A2GEF2>36n! <'\$0? +) H&! /(! . &'J);0! XV\! %6! ; I ??6! LF! 43! VVW\6! # ? ?2554>3G_!G I RR 2G3EB>!3D43!5#'3\$!4%3 -) !A29E2 T !EG!4!mG34>F4AF!C2HD4>EG C n!0BA!c I FEHE45! A29E2 T0!B>2!3D43!455B TG!4!HB I A3!3B!A29E2 T !3D2! <A2GEF2>3_G!E>32A?A2343EB>!B0!G343 I 3BAS! 32ACG!2>3A I G32F!3B!DEG!FEGHA23EB>0!TB I 5F!I ?G23!3DEG!F25EH432!b454>H2!4>F!FEGA2G?2H3!3D2! G2 ?4A43EB>!B0!?B T 2AG6! B / 5 & '\$%&!= '\$'-) !8 - G\$#!>/ 5 & 0;0!XU\!%6XF!43!VVXN6!!

!. D2! %2F2A45! F2@2>F4>3G! TBI5F! RB! HB>GEF2A4b5S! @IA3D2A! 3D4>! 4>S! B@! 3D2! #>3E` IE3E2G! #H3!F2HEGEB>G!FEGHIGG2F!D2A2!E>!5ECE3E>R!cIFEHE45!A29E2T!B@!<A2GEF2>3E45! ?ABH54C43EB>G! I>F2A! 3D2! #>3E` IE3E2G! #H36! . D2S! b4G2! 3D2EA! H54ECG! B>! GB92A2ER>! ECCI>E3S!4>F!4ARI2!3D43!3D2!5#'3\$!4%3-)!FBH3AE>2!GEC ?5S!FB2G!>B3!4??5S!3B!G343I3BAS!

^{#.!.} DEG!EG!45GB!3D2!4??AB4HD!3B!cIFEHE45!A29E2T!4FB?32F!bS!3D2!) EG3AEH3!B@!, 34D!E>!3D2! H4G2! 3D43! HD4552>R2F! 3D2! BAERE>45! ?ABH54C43EB>! 2G34b5EGDE>R! "A4>F!; 34EAH4G2M 'GH454>32! - 43EB>45! ^ B>IC2>36! <'\$@! +))H&! /(! . &'J);0! XV\!%6!; I??6! XF! 43! VV[L! YHD4552>RE>R! <ABH54C43EB>! \OLU!Y\V!%2F6! \$2R6! NU0LLX!Y; 2?36! LX0! VOO\Z!Ymb2SB>F! GIHD!4!@4HE45!A29E2T!3D2!HBIA3!EG!>B3!?2ACE332F!3B!RBnZ!Y7%'%&G! 1 \$#'/&0!NVV!, 6; 6!43! J\Lo!>3\$&:#%&!4;!B\$))\$7@5)-'')0!NUN!, 6; 6![WW!YVOOLZZ6!&>!E3G!B?E>EB>!E>!3DEG!H4G20!3D2! FEG3AEH3!HBIA3!FEF!>B3!4FFA2GG!3D2!4??AB4HD!3B!cIFEHE45!A29E2T!@B55BT2F!E>!<'\$@!+))H&! /(!.&'J)6!!!

#??2554>3G_!G2HB>F!?AEC4AS!H54EC!EG!3D43!3D2!CB>IC2>3G!4A2!>B3!5ECE32F!3B!3D2! mGC4552G3!4A24!HBC?43Eb52!TE3D!3D2!?AB?2A!H4A2!4>F!C4>4R2C2>3!B@!3D2!Bbc2H3G!3B!b2! ?AB32H32F6n!!NJ!, 6;6*6!f!XLUXUVYbZ6!.D2!54>RI4R2!mA2@2AAE>R!3B!3D2!?AB?2A!H4A2!4>F! C4>4R2C2>3n! 92G3G! bAB4F! FEGHA23EB>! 3B! 3D2! <A2GEF2>36! &>F22F0! E3! EG! FE@@EHI53! 3B! G22! DBT!4!@2F2A45!HBIA3!HBI5F!A29E2T!4!?A2GEF2>3E45!F232ACE>43EB>!4bBI3!TD43!QE>F!B@! mH4A2!4>F!C4>4R2C2>3n!EG!m?AB?2An!TE3DBI3!GEC?5S!GIbG3E3I3E>R!E3G!cIFRC2>3!@BA!3D43! B@!3D2!<A2GEF2>36!.D2!32a3G!B@!3D2!?ABH54C43EB>G!H524A5S!F2CB>G3A432!3D43!E>!G233E>R! 3D2!bBI>F4AE2G!B@!3D2!3TB!CB>IC2>3G!E>!`I2G3EB>0!3D2!<A2GEF2>3!H4A2@I55S!HB>GEF2A2F0! E>! RA243! F234E50! 3D2! 54AR2! >I Cb2A! B0! Bbc2H3G! 3D2! ?ABH54C43EB>! EF2>3E0E2F! 4>F! 3D2! 2a32>GE92! R2BRA4?DEH! 4A24! C4>S! B@! 3D2C! HB92A2F6! . DEG! C4Q2G! E3! Bb9EBIG! D2! T4G! 4H3E>R!TE3DE>!3D2!4I3DBAE3S!*B>RA2GG!F252R432F!3B!DEC!I>F2A!3D2!#>3E`IE3E2G!#H36!=--0! -;G;0!<ABH54C43EB>!VU0LWN!43!L!Ym3D2!A2G2A943EB>!F2GHAEb2F!b25BT!EG!3D2!GC4552G3!4A24! HBC?43Eb52! TE3D! 3D2! ?AB?2A! H4A2! 4>F! C4>4R2C2>3! B@! 3D2! Bbc2H3G! B@! DEG3BAEH! 4>F! GHE2>3E@EH!E>32A2G3!>4C2F!E>!3DEG!?ABH54C43EB>!4>F!<ABH54C43EB>!0NNWnZ6!

^ BA2!G?2HE@EH!3B!3DEG!H4G20!DBT292A0!#??2554>3G!D492!@4E52F!3B!G23!@BA3D!4>S! 4552R43EB>G! B@!@4H3!3D43!TBI5F!3AERR2A!3D2!`I2G3EB>!B@!TD23D2A!cIFEHE45!A29E2T!EG! 494E54b526!*B\$));!8/A)'-36-&H)!+))&60*!OJN!%6XF!43!NJJ0!*B/5&'\$%&!='\$'-)!8-G\$#!* >/5&0;0!XU\!%6XF!43!VVX[!Y?54E>3E@@!m?A2G2>3G!3D2!HBIA3!TE3D!>B!BHH4GEB>!3B!F2HEF2! 3D2!I53EC432!`I2G3EB>!B@!3D2!494E54bE5E3S!BA!GHB?2!B@!cIFEHE45!A29E2TnZo!D5#\$3-!.'J;0! XU\!%6XF!43!VVJL!Y?54E>3E@@_G!4552R43EB>G!4A2!4!m52R45!HB>H5IGEB>!HBIHD2F!4G!4!@4H3I45!

4552R43EB>nZ6!&>!3DEG!H4G20! # ? ?2554>3G_!mGC4552G3!4A24!HBC ?43Eb52n!4ARIC2>3!F2?2>FG! TDB55S! I ?B>! 3D2EA! 4ARIC2>3! 3D43! 3D2! <A2GEF2>3! ?AB32H32F! E>25EREb52! Bbc2H3G6! =--! " 4A0E25F! # C6! *BC?6! 43! [[6! # ? ?2554>3G! GIRR2G3! 3D43! B>5S! m4! GC455! >ICb2A! B0! EF2>3E0E2F!E32CGn!C4S!m5EQ25S!` I45E0Sn!0BA!?AB32H3EB>0!%06!43!?4A4!XLV0!4>F!3D2>!04E5!3B! 4552R2!4>S!G?2HE0EH!4552R43EB>G!A2R4AFE>R!?AB?2A!H4A2!4>F!C4>4R2C2>3!B0!3D2!Bbc2H3G! 4H3I455S! E>H5IF2F! E>! 3D2! ?ABH54C43EB>G6! ; ECE54A5S0! 3D2S! 4552R2! R2>2A455S! 3D43! 4! A2G2A943EB>!CIG3!b2!5ECE32F!3B!4!GEp2!m0ABC!4!02T!4HA2G!3B!4!02T!3DBIG4>F!4HA2G0n!%06! 43! [W! ?4A4!XLW

	\$2G?2H3@I55S!GIbCE332F!3DEG!V\3D!F4S!B@!:4>I4AS!LULJ6!%					
! ! !	!	!	!	!	,	<u>X)X!</u> .@3%)'/,@-3!K;!L%&'-3!
						" 23HD2GM " A22>! - 43IA45! \$ 2GBIAH2G0! '>2ARS0!

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6;;2!4/]<sup>\</sup></50\8:\6@/7/\<6>\;98:255895\
!
^ 4AQ!; 6!; ` IE554H2!
$4?D425!:6! ^ BG2G!<AB@2GGBA!B@! - 43IA45!$2GBIAH2G!(4T!
, >E92AGE3S!B@!*B5BA4FB!(4T!;HDBB5!
:BD>!) 6! (2GDS!
) EG3E > RIEGD2F! < AB@2GGBA! 'C2AE3IG!
, >E92AGE3S!B@!*45E@BA>E4!*B552R2!B@!3D2!(4T!;4>!%A4>HEGHB!
1
8A23!8EAFGB>R!
<AB@2GGBA!B@!(4T!
P E55E4C!; 6!8BSF!; HDBB5!B@! (4T0!, >E92AGE3S!B@! - 294F40! (4G!d2R4G!
:BD>! '6!8B>E>2!!
8686! \times 5EQG! < AB@2GGBA!B@!(4T!!)
, >E92AGE3S!B@!+A2RB>!
- EHDB54G!; 6!8AS>2A!
#GGBHE432!<AB@2GGBA!B@!(4T!
:BD>!<6! (4bBAF2! '>FBT2F!<AB@2GGBAGDE?!E>! '>2ARS! (4T!
<4I5! ^ 6! 1 2b2A3! ( 4T! * 2>32A0! ( BIEGE4>4!; 3432! , >E92AGE3S!
#52c4>FAB! '6!*4C4HDB!
*D4>H255BA_G!<AB@2GGBA!B@!(4T!!
%4HI53S!) EA2H3BA0!*2>32A!@BA!(4>F0!'>9EAB>C2>30!4>F!-43IA45!$2GBIAH2G!
, >E92AGE3S!B@!*45E@BA>E40!&A9E>2!
*D25G24!*B5TS>!
\# Fc I>H3!<AB@2GGBA!
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!
$Bb2A3! ( 6! " 5EHQGC4>!
:686! y ! ^ 4 I AEH2! * 6!; D4 ?EAB!<AB@2GGBA!B@! '>9EAB>C2>345! (4T!
%4HI53S!) EA2H3BA0! '>9EAB>C2>345!4>F! '>2ARS!(4T!<ABRA4C!
. D2! " 2BAR2! P 4GDE>R3B>! , >E92AGE3S! (4T!; HDBB5!
;4C!x452>!!
P E55E4C! . 6!; HDT4A3p!) EG3E>RIEGD2F! < AB@2GGBA!B@!(4T!)
, >E92AGE3S!B@! P SBCE>R! * B552R2!B@! (4T!
#52a4>FA4!86!x54GG!
:4C2G!"6!)2R>4>!<AB@2GGBA!B@!(4T!
, >E92AGE3S!B@! ^ EHDER4>!(4T!;HDBB5!
!
#5b2A3!(E>!
<AB@2GGBA!B@!(4T!
, *!) 49EG!; HDBB5!B@!(4T!
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1 243D2A!<4S>2! <AB@2GGBA!B@!(4T!

; 23B>!1455!, >E92AGE3S!; HDBB5!B@!(4T!

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7 SRC I>3!:686!<5432A!

<AB@2GGBA!4>F!*BBAFE>43BA!B@!8*!(4>F!y!'>9EAB>C2>345!(4T!<ABRA4C!06-3%'5)! 8BG3B>!*B552R2!(4T!;HDBB5!!

!

:4CE2!<52I>2!

#GGBHE432!<AB@2GGBA!B@!(4T!Y\$2G24AHDZ!y!P4554H2!;32R>2A!*2>32A!\$2G24AHD!%255BT!, >E92AGE3S!B@!, 34D0!;6:6!wIE>>2S!*B552R2!B@!(4T!

!

) 4>!:6!\$DB5@!

<AB@2GGBA!B@!(4T!

(2TEG!4 > F! * 54AQ! (4T!; HDBB5!)

!

- EHDB54G!#6!\$BbE>GB>!

"E5b2A3! y !; 4A4D! x 2A5E>!<AB@2GGBA!B@! '>9EAB>C2>345! (4T!06-3%'5)!

) 49EF!#6! P 2G3bABBQ!! (BIEG!#6!) 25!*B33B!<AB@2GGBA! *BM) EA2H3BA0! - / *!<ABRA4C!E>!%E>4>H2! y!(4T! ,>E92AGE3S!43!8I@@45B!;HDBB5!B@!(4T!Y;, - / Z! ! ^ 4AS!*DAEG3E>4! P BBF! <DE5E?!16!x>ERD3!<AB@2GGBA!

%4HI53S!) EA2H3BA0! '>9EAB>C2>345!4>F! - 43IA45!\$2GBIAH2G!(4T!*2>32A!

, >E92AGE3S!B@!+A2RB>!;HDBB5!B@!(4T

7290/:/7602%8:%78@;</6!72%

V6 . DEG!FBHIC2>3!HBC?5E2G!TE3D!3D2!3S?2M9B5IC2!5ECE3G!B@!%2F2A45! \$ I52!B@! # ??255432!<ABH2FIA2!LOY4ZYNZ!b2H4IG2!3DEG!FBHIC2>3!HB>34E>G!\0JNU! TBAFG6!

L6 . DEG! FBHIC2>3! HBC?5E2G! TE3D! 3D2! 3S?2@4H2! A2`IEA2C2>3G! B@! %2F2A45!\$I52!B@!#??255432!<ABH2FIA2!XLY4ZYNZ!4>F!3D2!3S?2MG3S52!A2`IEA2C2>3G! B@!%2F2A45!\$I52!B@!#??255432!<ABH2FIA2!XLY4ZY\Z!b2H4IG2!3DEG!FBHIC2>3!D4G! b22>!?A2?4A2F!E>!?AB?BA3EB>455S!G?4H2F!3S?2@4H2!IGE>R! ^EHABGB@3! P BAF!BA! +@@EH2!X\N!E>!VJM?BE>3!.EC2G! - 2T!\$BC4>6!

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X)X! * DAEG3B?D2A! " 6! P E>32A! !

&%!

7290/:/7602%8:%529?/72!

! &!H2A3E@S!3D43!B>!:4>I4AS!V\0!LULJ0!3D2!@BA2RBE>R!T4G!252H3AB>EH455S!@E52F! 3DABIRD!3DEG!*BIA3_G!* ^g' *%!GSG32C0!TDEHD!TE55!G2>F!4!>B3EH2!B@!@E5E>R!3B!455! A2REG32A2F!IG2AG6!

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! X)X! * DAEG3B ?D2A! " 6! P E>32A! !

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