#$%$&'$&$ ($ #)'**)%($+ ,$%$&'$&$-($,)'**)%($.)/0$%(*$)1%'%,-21,
3%%4)* 5$6217/

"""""""8 !
3%%4)* 5$6217 94: ;'//'2%

34,< <"<"

=)0> 3%%4)* (6%('%, 2%)E241%2747>2688$1G)%(21 E241 1$/62%/$/ 72 1$*)+8&1((0! (')2#!/+&!!2 1"3(! 4'1212,%

$!6+2! " +6 ()!
+()!2("#7# "##'3.!%(+ *+, $* *+,2#/)++8# ",()+2'9!2 "2! &'#'$! +. *+,2("#7 1"3!: ;)' ! /+01!('.3 ()'#
/+&!2 1"3! ("#7< 1 !"#! !.#,2! ()"(*+, #! !/(()! /+22!/(",()+2'9!2 5-8 (+C: 2 D<E ;<;<A +2 *+, 0"*
.+($! "##'3.!% ()! /+22!/(("#7#:

FG%*0 *6H I J KGL*I 6

-B %0M I IN 6GK

4=! !/(." 0 ! 62+0 ()! %2+1 %+-. 0 !.,5

>?@ ; A=BCDDE F=GEAH G I F?JE? =G I @@D KKLKMMNOMPQR

!"

-$B 3(9:)-! %&'(() 6-,2

>2+-.#&' ! F#/!.%G)"2(!2 /)++

@B 0MGJL J GOLMIJ*P J 5G8 (+C: 2 D< 'E ;<;<A

!"#! #! !/(()! /+22!/(",()+2'9!2 "# +6S,.! KM< LMLM +2 *+, 0"* .+($! "##'3.!% ()! /+22!/(("#7#:

=TAU >@F?H @V J?T=JEE=

&B Q*%LJ*0LR 0%Q IH NI 0GL*I 6

G=H WLK X >?@@YDUA

/B QGL IH *6*L*GN 0MGJL J

Z[LMMN

2B QGL H*J%L I3 6 Q HIJ*6%LJO0L*I 6

P[LMMP

'B %0MI IN S F GQQJ %% 5OJNA

)((1\[[Î)(Îv Я ‘ ‘ v

.B L I LGN KGT G33J I U Q 6J I NNK 6L H I J LM ;<$=>;<;< %0M I I N V GJ 52W&): / 2 3!2>X 9!(4!-, 2 !()), 2 A

ZMLM

YB L I LGN %LOQ 6L 6J I NNK 6L I 6 CO6 D<E ;<;< 52W&): / 2 3!2>X 9!(4!-, 2 !()), 2 A

ZMRR

ZB [JGQ % % JU Q *6 %0M I I N V GJ ;<$=>;<;< 52W&): / 2 3!2>X 9!(4!-, 8 : / 2 8A

G)!/7 " ()"("11 *

]2"%!# =!2&!%	Y< Z< L< K< R< Q< O< ^< N

)$B Q I % LM %0M I I N 0 I 6LJG0L S*LM G 0MGJL J I J QO0GL*I 6GN KG6G[K 6L I J [G6*PGL*I 6 \

U!#

AF_E @V G_@[E_@	F#/!.% D!"2.'.3
IU=CGFD =J?EEJ FHH?E==	LMQ ?+/7" -"* "27 -"*
GCJU	>?@@YDUA
JFJI #9c _ ŸƬUI @VF#/!. D!"2	

, $@B *8 8. 2 $. 9 :@).& 5&(>)(&- 2/A 89-&2 (! . 9!.1- 2 89-&2\

2'&"(! =1"/!

*H NI 0GL Q *6 3J*UGL %3G0 *6 6V0 I J *6 Q*%LJ*0L% I OL%*Q 6V0

, $/B O9)(9/9Þ ÃÂ!HRV@02@ ..ŠM2 (@eÂBÆ&ÀÂ€,&7 504IOM¢- w •'2 - :-) H.!2 * 892& .(J29(!

+(! 8&' (() 8. 2 $.+)(&- 2/ . 9!.1- 2 89-&2 . 6V0 (!)(&- 2/ (: 8./e þ (+ 9 56j ET EMQ#T

(B M-8 "(:! 8&'(()`8 F(-!/ (+ L!:8 22`8 -99!(12/ - @:/42 +(! '2 ;<;<>;<;$ HV\

U!#

GLL %LGL*I 6

9B* /.1./:-) 3!.,-!.)" J289(8.@)2 +(!%:@,. . 4 '2 G :-) J29(! B

A"0!	]!.!&'!&!]"' ".%!
+#'('+.	H'2!/(+2 +6 =/)++ @1!2"('+.#
)+.![Ef(!.#'+.	[redacted]
E0"'	3!.!&'!&!:%!3"' ".%! a"#/!.%!"2.'.3:+23

9B I:! 8.4 - :!28 5 W2&: .12 Q.!2& (!R%&'(() N2-/2!RM2-/ (+ %&'(() - / F(-!/ 3!28./2 A @2)(7 - 28 '- -)) (+ '2 . +(!,-.((-. 2/ '2!2. .8 !: '+:) - / -&&:!- 2 - / '- '.8 &'-! 2! 8&'(() .8 . &(,9).- &2 7. ' -)) -892& 8 (+ . 8 '-! 2!E - / 7. ' -)) 92! . 2 H2/2!-)E % - 2E - /)(&-))-78E !24:)- .(8E - / !:)28B S2 : /2!8 - / '- .+ - ". +(!,-.(. - "9-! (+ '.8 !29(! .8 +(: / (-12 @22 /2).@2!- 2)" ,.8!29!282 2/E '- 7.)) (8.: 2 4!(: /8 +(! '2 !21(&- .((+ (:! '-! 2!B 0'2&Z V % .+ "(: -4!22 - / '2 :82 '2 ,(:82 ("(:! 30 (! '2 8 "):8 ("(:! ,(@.)2 /21.&2 (8.4 "(:! -,2AB

J289(828 %2)2& 2/]

U!#

C12&'($) ('1$07 ?$: *'%N 72 7>$; 2/7 1$0$%7 O$? P21N 97)7$ 90>22* 5$6217 B)1(

;<$=>;< 3!(4!288 L(7-!/ G -. ,2 (+G&-/2,.& [(-)8

	F/"%!0'/ =(,%!.(!26+20".//!]+"	_!"#,2! T#!%(+ E&",'(! 2+32!## J+-"2% F(("'.0!.(+6]+"	]+" X _!(<A+(_!(+2 T."$!(+ F##!##	C6 .+(0!(< %!#/2'$! !66+2(# ()!#/)++ -' ("7! (+ 0!!(3+":C6 ,."$!(+ "##!## 3+"<(*1! A[F 6+2 A+(F11'/"$!
F/"%!0'/]+" Z				
F/"%!0'/]+" L				
F/"%!0'/]+" K				
F/"%!0'/]+" R				
F/"%!0'/]+" Q				
F/"%!0'/]+" O				
F/"%!0'/]+" ^				
F/"%!0'/]+" N				
F/"%!0'/]+" P				
F/"%!0'/]+" ZM				

;B Q('-12 ,(!2 -&-/2,.& 4(-)8 (-//\

4A+2!#1+.#!5

;<$=>;<;< 3!(4!288 L(7-!/ G -. ,2 (+G&-/2,.& [(-)8

	F/"%!0'/ =(,%!.(!26+20".//!]+"	_!"#,2! T#!%(+ E&",'(! 2+32!## J+-"2% F(("'.0!.(+6]+"	]+" X _!(<A+(_!(+2 T."$!(+ F##!##	LMZPXLMLM 12+32!## (+-"2% "(("'.0!.(+6 3+" _!([A+(_!([T."$!(+ F##!## H,2'.3 H,! (+G +#,2!
F/"%!0'/]+" ZZ				
F/"%!0'/]+" ZL				
F/"%!0'/]+" ZK				
F/"%!0'/]+" ZR				
F/"%!0'/]+" ZQ				
F/"%!0'/]+" ZO				
F/"%!0'/]+" Z^				
F/"%!0'/]+" ZN				
F/"%!0'/]+" ZP				
F/"%!0'/]+" LM				

DB Q('-12 ,(!2 -&-/2,.& 4(-)8 (-//\

4A+2!#1+.#!5

;<$=>;<;< 3!(4!288 L(7-!/ G -. ,2 (+G&-/2,.& [(-)8

	F/"%!0'/ =(,%!.(!26+20".//!]+"	_!"#,2! T#!%(+ E&",'(! 2+32!## J+-"2% F(("'.0!.(+6]+"	]+" X _!(<A+(_!(+2 T."$!(+ _!!(	C6 .+(0!(< %!#/2'$! !66+2(# ()!#/)++ -' ("7! (+ 0!!(3+":C6 ,."$!(+ "##!##

2019-2020 Progress Toward Attainment of Financial Goals

	Financial Goals	Measure Used to Evaluate Progress	Goal - Met, Not Met, or Partially Met	If not met, describe efforts the school will take to meet goal.
Financial Goal 6				
Financial Goal 7				
Financial Goal 8				
Financial Goal 9				
Financial Goal 10				

Thank you.

Entry 3 Accountability Plan Progress Comments

Incomplete

Instructions

SUNY-Authorized Charter Schools ONLY

SUNY-authorized charter schools must complete an Accountability Plan Progress Report Update. After completing, schools must upload the document into the BM September 15, 2020.

Entry 7 Disclosure of Financial Interest Form

Completed Aug 31, 2020

Instructions - Multiple Uploads Permitted

Required for ALL Charter Schools by August 31

Each member of the charter school governing board of trustees or corporation governing one or more charter schools for any period during the 2019-20 school year must complete a signed:

- **Regents, NYCDOE, and Buffalo BOE Authorized Schools:** DISCLOSURE OF FINANCIAL INTEREST Form

All completed forms must be collected and submitted as PDFs for each individual trustee. If a trustee is not able or available to complete the form prior to the deadline, the education corporation is responsible for doing so on behalf of the trustee. Forms completed from past years will not be accepted.

Trustees of an education corporation that governs more than one school are not required to complete a separate disclosure for each school governed by the education corporation. On the Statement of Financial Interest Form, trustees must disclose information relevant to any of the schools served by the governing education corporation.

Financial Disclosure Form - Hopp

Filename: Financial Disclosure Form Hopp 65rwh1.pdf **Size:**

Trustee-Financial-Disclosure-Form-Schmidt

Filename: Trustee Financial Disclosure Form Schmidt.pdf **Size:** 288.9 kB

Trustee-Financial-Disclosure-Form-Graff

Filename: Trustee Financial Disclosure Form Graff.pdf **Size:** 676.6 kB

Trustee-Financial-Disclosure-Form-Clark

Filename: Trustee Financial Disclosure Form Clark U1kY2.pdf **Size:** 675.7 kB

Trustee-Financial-Disclosure-Form-Walcott

Filename: Trustee Financial Disclosure Form Walc 3dntSDz.pdf **Size:** 711.1 kB

k A doh

Filename: InAndoh 6808.pdf **Size:** 1.1 MB

Trustee-Financial-Disclosure-Form-Mauterstock

Filename: TrusteeFinancialDisclosureForm Maut.pdf **Size:** 376.3 kB

Entry 8 BOT Membership Table

Completed Aug 21 2020

Instructions

Required of All charter schools

ALL charter schools or education corporations governing multiple schools must complete the Board of Trustees Membership Table within the online portal. Please be sure to include and identify all persons who are members of the

4	Schlendorf,	Secretary	Finance, Executive	Yes	5	06/01/20	06/31/20	06/31/20	7	
5		Parent Rep	Nominating, Hiring	Yes	5	06/01/20	06/31/20	06/31/20	12	
			member	, Hiring		20	21			
	Nadine Sylvester		Parent Rep	Nominati ng, Hiring	Yes	3	06/01/20	06/31/20	10	

1a. Are there more than 5 members of the Board of Trustees?

34, < <"<"

@%/71407'2%/ A21 /4: ;'77'%, =%12** ;$%7)%(5$7$%7'2% =AA217/

]$/01':$ 7>$ $AA217/

7>$ 0>)17$1 /0>22* >)/ ;)($ 72?)1(;$$7'%, 7)1,$7/ % <" L+<" M 72

)771)07)%(1$7)'% $%12** ;$%7 2A 974($%7/ ?'7>]'/):'*'7'$/ Q9 F]/SG =%,*'/> b)%,4),$

b$)1%$1/ Z 4*7'*'%,4)* b$)1%$1/ Q=bb/ Z bb/SG)%(/74($%7/ ?>2)1$ $02%2;'0)**E ('/)(&)%7),$(- @#%] !

I(Ǒ'7'2%G

G)"2(!2 /)++ # 2! 0 "'.#
/+0 0'((!% (+ #!2&'.3 "
#(,%!.(#< 2!3"2% !## +6
%'#"$' '('!#< E.3 '#) ".3,"3!
!"2.!2 4EDD5 #("(,#< +2 !/+.+0'/
%'#"%&".("3!:

='./! #12'.3 +6 LMLM< -!)"&!
1 "/!% ". './2!"#!% 12'+2'(* +.
/+0 0,.'/"('+. -'() 12+#1!/('&!
".% /,22!.(6" 0''!#: G+.('.,+,#
%'" +3,! -'() +,2 6" 0''!# '#
1'&+(" . 12+&'%'.3 ()!0 -'()
()! /+.6'%!./! ".% /"2!
.!/!##"2* "# -! " ."&'3"(! ()!
'01"/(+6 ()! 1".%! 0'/ +. +,2
/+0 0,.'('!#: ;'() " 6+/,# +.
2!/2,'(0!.(< -! 2!/!.(*
2!&" 01!% +,2 !.2+ 0!.(
-!$1"3! (+ %! 0+.#(2"(! " 6+/,#
+. +,2 #/)++ # $!'.3 . >2++7 *.<
-)'/))! 1# 6" 0''!# (+ /+..!/(
-'() ()! " ,! +6 ")'3)Xd," '(*
+/" +1('+. . 2!#1+.#! (+
,./!2("'.('!# 2! "(!% (+ 1,$ '/
(2".#1+2("('+. +2 !&!. ()!
"&"' "$' '(* +6 #/)++ $,#'.3: ;'()
" 6+/,# +. 2!(!.('+.< -!)"&!
!d,'11!% +,2 #/)++ # (+ ("7! ()!
!"% -'()
1!2#+." '9!%[%!/!.(2" '9!%
/+0 0,.'/"('+.# -'() 6" 0''!#:
J)'# 12+&'%!# ()! .!/!##"2*<
2! !&".('.6+20"('+. (+ 6" 0''!#
+6 +,2 /" 01,#!# 62+0 ()! #/)++
!"%!2# -'() -)+0 ()!* "2!
%'2!/(* 6" 0'"2: J)!#!
1!2#+." '9!% /+0 0,.'/"('+.#
'./ ,%!% #/)++ X$"#!% ; f
-!$1"3! "# -! "# 62!d,!.(
6" 0' * .!-# !((!2# -'() 1!2('.!.(
,1%"(!# +. +,2 #/)++ 0+%! ".%
2!#+,2/!# -! "2! 12+&'%'.3 (+
!.#,2! ()"(" #(,%!.(# "2!

1+2('+. +6 +,2 "11 '/"('+.#:
F#/!.% ,$'/ G)"2(!2 /)++ #
2! 0 "'.# /+0 0'((!% (+ #!2&'.3 "
#(,%!.(#< 2!3"2% !## +6
%'#"$' '('!#< E.3 '#) ".3,"3!
!"2.!2 4EDD5 #("(,#< +2 !/+.+0'/
%'#"%&".("3!:

;! -' /+.('.,! (+ 1 "/! ".
'./2!"#!% 12'+2'(* +.
/+0 0,.'/"('+. -'() 12+#1!/('&!
".% /,22!.(6" 0''!#: G+.('.,+,#
%'" +3,! -'() +,2 6" 0''!# '#
1'&+(" . 12+&'%'.3 ()!0 -'()
()! /+.6'%!./! ".% /"2!
.!/!##"2* "# -! " ."&'3"(! ()!
'01"/(+6 ()! 1".%! 0'/ +. +,2
/+0 0,.'('!#: ;'() " 6+/,# +.
2!/2,'(0!.(< -! 2!/!.(*
2!&" 01!% +,2 !.2+ 0!.(
-!$1"3! (+ %! 0+.#(2"(! " 6+/,#
+. +,2 #/)++ # $!'.3 . >2++7 *.<
-)'/))! 1# 6" 0''!# (+ /+..!/(
-'() ()! " ,! +6 ")'3)Xd," '(*
+/" +1('+. . 2!#1+.#! (+
,./!2("'.('!# 2! "(!% (+ 1,$ '/
(2".#1+2("('+. +2 !&!. ()!
"&"' "$' '(* +6 #/)++ $,#'.3: ;'()
" 6+/,# +. 2!(!.('+.< -!)"&!
!d,'11!% +,2 #/)++ # (+ ("7! ()!
!"% -'()
1!2#+." '9!%[%!/!.(2" '9!%
/+0 0,.'/"('+.# -'() 6" 0''!#:
J)'# 12+&'%!# ()! .!/!##"2*<
2! !&".('.6+20"('+. (+ 6" 0''!#
+6 +,2 /" 01,#!# 62+0 ()! #/)++
!"%!2# -'() -)+0 ()!* "2!
%'2!/(* 6" 0'"2: J)!#!
1!2#+." '9!% /+0 0,.'/"('+.#
'./ ,%!% #/)++ X$"#!% ; f
-!$1"3! "# -! "# 62!d,!.(
6" 0' * .!-# !((!2# -'() 1!2('.!.(
,1%"(!# +. +,2 #/)++ 0+%! ".%
2!#+,2/!# -! "2! 12+&'%'.3 (+

#,//!##6, -)!()!2 !"2.'.3
2!0+(! * +2'.X1!2#+.:A!-
&'%!+# +. +,2 -!$#'(!# #)+- +,2
"$''(* (+ 0!!(()! .!!%# +6 +,2
%'&!2#! /+0 0,.'(* +6 !"2.!2#:
V." *< -!)"&! !"2.!%()"(
1"2!.(# " ,! F#/!.%&'2(,"
(+-.)" #<#+ -! -' /+.('.,!
()!0 '.()! ,1/+0'.3 #/)++
*!"2 #+ ()"(-! "2! 2!/!1('&! ".%
2!#1+.#'&! (+ 1"2!.(.1,(:

='./! ()! #12'.3< -!)"&!
!.)".//!% +,2 %'3'(" 0"27!('.3
!66+2(# (+ !.#,2! ()"(-! "2!
2!"/)'.3 6" 0''!# -)!2! ()!* "2!
XX'. ()!'2)+0!#:@.'.! #!"2/)
!.3'.! ".% #+/'" 0!%'"
"%&!2('#! 0!.(# #(2"(!3'/" *
("23!(+,2 /+0 0,.'('!# ".% %2'&!
(2"66'/ (+ +,2 !.2+ 0!.(1"3!#:C.
#)"2'.3 .6+20"('+. -'() +,2
6" 0''!#< -! .+- " +- 6+2 +,2
-!$#'(! (+ (2".# "(!
",(+0"('/" * -'() +.! /'/7 +6 "
$,((+.< -)'/) 0"7!#()"(/

ŞmM ĞŐȮ

l P 0 ° 1P P @P° -ȯ! -) ƎÓW! Ô(

)") #! P

E/+.+0'/" * H'#"%&".("3!%

'.6+2O"('+. (+ $! /+.#'%!2!% $*
12+#1!/('&! 6" O' '!#: F#/!.%h#
/+O O'(O!.((+ "((2"/('.3 "
#(,%!.(#< ./ ,%'.3 ()+#! -'()
%'#"$' '('!#<E.3'#) ".3,"3!
!"2.!2#[_, (''.3," !"2.!2#<
".%#(,%!.(# -)+ "2!
!/+.+O'/" * %'#"%&".("3!%
!./+,!"O } Ô

.6+2O"(+. (+ $! /+.# %!2!% $*

0 , (' '.3 ," ".% "$! (+ /+. . ! /(%'2! /(* -'() 6" 0 ' '!# (+ ".# - !2 d , !#('+.# ".% /+.(! f(," '9! F#/ ! . %h# /+ 0 0 '(0 ! . ((+ #!2&'.3 " #(,%! .(# .+ 0 "((!2 () ! 2 %'#"$' '('!#< ".3,"3! "/d,'#'('+. . ! !%# +2 ! /+.+ 0 '/ #("(,#: B #'('.3 6! !%!2 #/)++ # -"# " 7! * ("/('/ '. LMZPXLM $,(0 "* .+($! " 1+##'$' '(* ()'# ,1/+ 0 '.3 #/)++ *! "2< #+ -! -' 6+/,# +. /+ 0 0 , .'(* +,(2!"/) ()"('./ ,%!# /+ "$+2"('.3 -'() %+/(+2#h +66'/ !#< /) ,2/) !#< 32+/ !2* #(+2!#< 2!#(",2" .(#< !"2 * '.(!2&! .('+. #!2&'/ ! 12+&'%!2# ".% "3! ./'!#< 1,$ '/)+,#'.3 , .'(#< ".% %'&!2#! /+ 0 0 , .'(* +23".'9"('+.#: @,2 12'+2)'#(+2* #)+-# ()"(#,/) /+. . ! /('+.# '. " +- 6+2 ,# (+ '"'#! '. () ! 12+&'#'+. +6 #!2&'/ !# ()"(6" 0 ' '!# . ! !% '. ()'# !2" 46++%

0 , (' '.3 ," ".% "$! (+ /+. . ! /(

	".% !/+.+0'/" * %'#"%&".("3!% 6" 0''!# ()! 0+#(:i	".% !/+.+0'/" * %'#"%&".("3!% 6" 0''!# ()! 0+#(:i
	iJ)! LMZPXLM #/)++ *!"2 -"#".,.12!/!%!.(!%+.! ()"(2!d,'2!% ,#(+ !&!2"3! .!- ".% '..+&"('&! #(2"(!3'!# (+#!2&!+,2 #(,%!.(#".% 6" 0''!#: ;! (++7 ". "%"1('&! ".% 2!#1+.#'&! "112+"/) (+'01!0!.(2!/2,'(0!.(#(2"(!3'!# (+!.#,2! ()"(()!#! 1+1, "('+.# 0"7! ,1 " #'3.'6'/".(1+2('+. +6+,2 "11'/"('+.#: F#/!.% ,$'/ G)"2(!2 /)++#2!0"'.# /+00'((!% (+#!2&'.3 " #(,%!.(#<2!3"2% !## +6 %'#"$''('!#<E.3'#) ".3,"3! !"2.!2 4EDD5 #("(,#<+2 !/+.+0'/ %'#"%&".("3!:	iT.%!2#(".%'.3 ()"('. ()!#! !&!2/)".3'.3 ".% ,.12!/!%!.(!%('0!#<C. LMLMX LMLZ -! -' /+.('.,!(+ '01!0!.(+,2/,22!.(2!/2,'(0!.(#(2"(!3'!# ".% /+.('.,!(+$!6!f'$!".% '..+&"('&!'. ()! -"*'. -)'/) -!2!"/) !.#,2! ()"(()!#! 1+1, "('+.# 0"7! ,1 " #'3.'6'/".(1+2('+. +6+,2 "11'/"('+.#: F#/!.% ,$'/G)"2(!2 /)++# 2!0"'.# /+00'((!% (+#!2&'.3 " #(,%!.(#<2!3"2% !## +6 %'#"$''('!#<E.3'#) ".3,"3! !"2.!2 4EDD5 #("(,#<+2 !/+.+0'/ %'#"%&".("3!:
	='./! #12'.3 +6 LMLM<-!)"&! 1"/!%".'./2!"#!% 12'+2'(*+. /+00,.'/"('+.-'() 12+#1!/('&! ".% /,22!.(6" 0''!#: G+.('.,+,# %'" +3,!-'() +,2 6" 0''!# '# 1'&+(" .12+&'%'.3 ()!0 -'() ()! /+.6'%!./! ".% /"2! .!/!##"2* "# -!" ."&'3"(!()! '01"/(+6 ()! 1".%!0'/+.+,2 /+00,.'('!#: ;'() "6+/,#+. 2!/2,'(0!.(<-!2!/!.(* 2!&"01!%+,2!.2+ 0!.(-!$1"3!(+%!0+.#(2"(!"6+/,# +.+,2#/)++ # $!'.3 .>2++7*.< -)'/))!1# 6" 0''!# (+/+..!/(-'() ()! ",!+6 ")'3)Xd,"'(* +/" +1('+. .2!#1+.#!(+ ,./!2("'.('!# 2!"(!% (+1,$'/ (2".#1+2("('+. +2!&!. ()! "&"'"$''(* +6#/)++ $,#'.3: ;'() "6+/,#+.2!(!.('+.<-!)"&! !d,'11!%+,2#/)++ #(+("7! ()!	;! -' /+.('.,!(+1"/!".'./2!"#!% 12'+2'(*+. /+00,.'/"('+.-'() 12+#1!/('&! ".% /,22!.(6" 0''!#: G+.('.,+,# %'" +3,!-'() +,2 6" 0''!# '# 1'&+(" .12+&'%'.3 ()!0 -'() ()! /+.6'%!./! ".% /"2! .!/!##"2* "# -!" ."&'3"(!()! '01"/(+6 ()! 1".%!0'/+.+,2 /+00,.'('!#: ;'() "6+/,#+. 2!/2,'(0!.(<-!2!/!.(* 2!&"01!%+,2!.2+ 0!.(-!$1"3!(+%!0+.#(2"(!"6+/,# +.+,2#/)++ # $!'.3 .>2++7*.< -)'/))!1# 6" 0''!# (+/+..!/(-'() ()! ",!+6 ")'3)Xd,"'(* +/" +1('+. .2!#1+.#!(+ ,./!2("'.('!# 2!"(!% (+1,$'/ (2".#1+2("('+. +2!&!. ()! "&"'"$''(* +6#/)++ $,#'.3: ;'() "6+/,#+.2!(!.('+.<-!)"&! !d,'11!%+,2#/)++ #(+("7! ()!

E.3'#) D".3,"3!
D!"2.!2#[_,('.3," D!"2.!2#

)"&'.3 ./2!"#!% /+0 0,.'/"('+.
-'() 6" 0''!# "# 1"2!.(# #,11+2(
#(,%!.(#'. 2! 0+(! !"2.'.3<
-)!2! .!!%!%< -! 12+&'%!
(2".# "(+2# (+e+'. ()! /" (+
!.#,2! ()"(+,2 6" 0''!# "2!
2!/!'&'.3 ,1%"(!# ".% 1!2('.!.(
2!#+,2/!# . ()! ".3,"3! ()"(
#,'(# ()!'2 /+06+2(:

;! /+.('.,! (+ !"2. ()!
0!%', 0# ()"(+,2 /+0 0,.'(*
0!0$!2# 1"(2+.'9! ".%
#,$#!d,!.(*1"/! F#/!.%
'.6+20"('+. (+$! /+.#'%!2!% $*
12+#1!/('&! 6" 0''!#: F#/!.%h#
/+0 0'(0!.((+ "((2"/('.3 "
#(,%!.(#< ./ ,%'.3 ()+#! -'()
%'#"$''('!#<E.3'#) ".3,"3!
!"2.!2#[_,('.3," !"2.!2#<
".% #(,%!.(#-)+ "2!
!/+.+0'/" *%'#"%&".("3!%
!./+,2"3!# ,#(+1,2#,! ".%
'012+&! +. "2'+,#(2"%'('+."
1"'% "%&!2('#'.3 0!()+%#<
./ ,%.3 _JF $,# ".% #,$-"*
"%#<$' $+"2%#<12'.(
"%&!2('#!0!.(#'. +/"
.!-#1"1!2 ".% .!-# !((!2#<
%'2!/(0"' 1'!/!#< ".%6*!2#:
J)!#! 0"(!2'" # "2! 2!3, "2*
(2".# "(!%'.(+=1".'#)< I"'('".
G2!+! ".% >!.3" '(+'./2!"#!
"//!##'$''(*6+2 .+.XE.3'#)
#1!"7'.36" 0''!#'. +,2
/+0 0,.'('!#: @,2%"(" #)+- ()"(
0+#(.!-6" 0''!#)!"2 "$+,(
F#/!.% &'" -+2% +6 0+,():
J)!2!6+2!< -! !d,'1+,26" 0''!#
-'() ()! (++# .!!%!% (+#)"2!
F#/!.% -'() ()!'26" 0'*
0!0$!2#< .!'3)$+2# ".%62'!.%#
#+()"(()!2! #" 1!2#+." #(+2*
$!)'.% "%&!2('#!0!.(#()"(

-'() 6" 0''!# "# 1"2!.(# #,11+2(
#(,%!.(#'. 2! 0+(! !"2.'.3<
-)!2! .!!%!%< -! 12+&'%!
(2".# "(+2# (+e+'. ()! /" (+
!.#,2! ()"(+,2 6" 0''!# "2!
2!/!'&'.3 ,1%"(!# ".% 1!2('.!.(
2!#+,2/!# . ()! ".3,"3! ()"(
#,'(# ()!'2 /+06+2(:

;! /+.('.,! (+ !"2. ()!
0!%', 0# ()"(+,2 /+0 0,.'(*
0!0$!2# 1"(2+.'9! ".%
#,$#!d,!.(*1"/! F#/!.%
'.6+20"('+. (+$! /+.#'%!2!% $*
12+#1!/('&! 6" 0''!#: F#/!.%h#
/+0 0'(0!.((+ "((2"/('.3 "
#(,%!.(#< ./ ,%'.3 ()+#! -'()
%'#"$''('!#<E.3'#) ".3,"3!
!"2.!2#[_,('.3," !"2.!2#<
".% #(,%!.(#-)+ "2!
!/+.+0'/" *%'#"%&".("3!%
!./+,2"3!# ,#(+1,2#,! ".%
'012+&! +. "2'+,#(2"%'('+.1!"Φ&#

12+#1!/('&! 6" 0 ' '!# ! . /+, .(!2 XX
+. '. ! +2 . 12'.(:

F# 1,$ '/)!" () 3,'%! '. !# " +-<
+,2 #("66 0 ! 0 $!2# -' /+.('. ,!
+,2 1"2(. !2#)'1 -'() +/"
/+ 0 0 , .'(* +23" .'9"('+.# (+
"/ / !## 6" 0 ' '!# '. +,2 /+ 0 0 , .'(*
(+\ 4Z5 !"2. ()!'2 , .'d, ! . ! !%#
" .% 4L5 ! .#,2! ()"(F#/ ! .%h#
0 +%! # 2!#1+.#'&!: =(,%! .(
2! /2,'(0 ! .((!" 0 # " .% #/)++
#("66 -)+ #,11+2(.!'3)$+2)++%
2! /2, (0 ! .(!66+2(# "2!
0 , (' '.3," " .% "$! (+ /+. . ! /(
%'2! /(* -'() 6" 0 ' '!# (+

	.!!%# 2!#+,2/!#< 12+&'%'.3 " "1(+1 6+2 !&!2* #(,%!.(< +66!2'.3 -'6')+(#1+(# -)!2!["# .!!%!%<)".%'.3 +,(62!! #/)++ #,11 '!#< !(/:E/+.+0'/" * %'#"%&".("3!% 2!#'%!.(# /+.#('(,(! ()!)'3)!#(1+1, "('+. /+./!.(2"('+. .()! .!'3)$+2)++%# #,22+,.%'.3 F#/!.% #/)++ #: ;! !f1!/(()"(()2+,3) ()! !66+2(# +,('.!% "$+&!< -! -' /+.('.,! 2!"/)'.3 ".% 2!/2,'('.3 62+0 ()'# 1+1, "('+.:J)'# # 01+2(".($!/",#! ()! 1".%! 0'/ '# '01"/('.3 /+00,.'('!# +6 /+ +2 ".% !/+.+0'/" * %'#"%&".("3!% 6" 0''!# ()! 0+#(:i	"1(+1 6+2 !&!2* #(,%!.(< +66!2'.3
	iJ)! LMZPXLM #/)++ *!"2 -"# ".,.12!/!%!.(!% +.! ()"(2!d,'2!% ,#(+ !&!2"3! .!- ".% '..+&"('&! #(2"(!3'!# (+#!2&! +,2 #(,%!.(# ".%6" 0''!#: ;! (++7 ". "%"1([illegible]

Tcò12.422 S1.6 Td <000F0000004>T

'0 1"/(+6 ()! 1".%! 0'/ +. +,2

'0 1"/(+6 ()! 1".%! 0'/ +. +,2
/+ 0 0 , .'('!#: ;'() " 6+/ ,# +.
2! /2,'(0 ! .(< - !

- ! ⅋

; ® α □ ! Š

2!"/)'.3 6" 0''!# -)!2! ()!* "2! XX'. ()!'2)+0!#:@.'.! #!"2/) !.3'.! ".% #+/'" 0!%'" "%&!2('#! 0!.(# #(2"(!3'/" * ("23!(+,2 /+0 0,.'('!# ".% %2'&! (2"66'/ (++,2 !.2+ 0!.(1"3!#:C. #)"2'.3 .6+20"('+. -'() +,2 6" 0''!#< -! .+- " +- 6+2 +,2 -!$#'(! (+ (2".# "(! ",(+0"('/" * -'() +.! /'/7 +6 " $,((+.< -)'/) 0"7!# ()"('.6+20"('+. 0 0!%'"(! * "//!##'$! (+ .+.XE.3 '#) #1!"7'.3 6" 0''!#: ;'() (!"/)!2#)"&'.3 ./2!"#!% /+0 0,.'/"('+. -'() 6" 0''!# "# 1"2!.(# #,11+2(#(,%!.(#'. 2! 0+(! !"2.'.3< -)!2! .!!%!%< -! 12+&'%! (2".# "(+2# (+e+'. ()! /" (+ !.#,2! ()"(+,2 6" 0''!# "2! 2!/!'&'.3 ,1%"(!# ".% 1!2('.!.(2!#+,2/!# . ()! ".3,"3! ()"(#,'(# ()!'2 /+06+2(:

=(,%!.(# -'() H'#"$''('!#

;! /+.('.,! (+ !"2. ()! 0!%',0#()"(+,2 /+0 0,.'(* 0!0$!2# 1"(2+.'9! ".% #,$#!d,!.(*1"/! F#/!.% '.6+20"('+. (+ $! /+.#'%!2!% $* 12+#1!/('&! 6" 0''!#: F#/!.%h# /+0 0'(0!.((+ "((2"/('.3 " #(,%!.(#< ./ ,%'.3 ()+#! -'() %'#"$''('!#< E.3 '#) ".3,"3! !"2.!2#[_,('.3," !"2.!2#< ".% #(,%!.(# -)+ "2! !/+.+0'/" * %'#"%&".("3!% !./+,2"3!# ,#(+1,2#,! ".% '0 12+&! +. "2'+,#(2"%'('+." 1"'% "%&!2('#'.3 0!()+%#< './ ,%'.3 _JF $,#".% #,$-"* "%#< $' $+"2%#< 12'.("%&!2('#! 0!.(#'. +/" .!-#1"1!2".% .!-# !((!2#< %'2!/(0"' 1'!//!#<".% 6*!2#: J)!#! 0"(!2'" # "2! 2!3,"2*

E/+.+0'/" * H'#"%&".("3!%

/+.('.,!% ,#! +6 2+$,#(12+32" 0 # 6+2 "(X2'#7 1+1, "('+.#< ()! /"1"$! #("66 ()"(#,11+2(()!#! 12+32" 0 #< ".% ()! #/)++ h# #(2+.3 2!1,("('+. " 0+.3 6" 0''!# ".% #("7!)+ %!2#: @./! 6" 0''!# e+'. F#/!.% ".% 6+2 ()+#! -)+ -' 2! 0"'. -'() ,#< -! 0"'.("'. +,2 /+0 0'(0!.((+ #!2&'.3 ()!'2 %'&!2#! .!!%#: E&!. . " 2! 0+(! !"2.'.3 #!((".3< -!)"&! $!/+0!'..+&"('&!'. 12+&'%'.3 #!2&'/!# (+ #(,%!.(# -'() #1!/'" !%,/"('+. .!!%#: F#/!.% # /+0 0'((!% (+ /2!"('.3 ". './ ,#'&! ".% .(!32"(!% #1"/! 6+2 " #(,%!.(#< ".% -!)"&! %!&! +1!% #*#(!0# ".% 12+/!%,2!# ()"(("23!(".% #,11+2(#(,%!.(# -'() "/"%!0'/< !0+('+." < ".% $!)"&'+2" /)" !.3!#: @,2 3+" # (+ !.#,2! ()"(#(,%!.(# -'() /)" !.3!# "2! !%,/"(!% " +.3#'%! ()!'2 (*1'/" * %!&! +1'.3 1!!2#: J)2+,3) +,2 '.(!2&!.('+. 12+32" 0 0'.3< #(,%!.(# -)+ 0'3)(+()!2-'#! $! '%!.('6'!% "# 2!d,'2'.3 ". C.%'&'%," '9!% E%,/"('+. ". 4CE 5 "2! "$! (+)"&! ()!'2 .!!%# 0!(-'()+,(+.!:@,2 #(,%!.(#)"&! '.%'&'%," '9!% 1 ".#: J)!'2 (!"/)!2# ".% #!2&'/! 12+&'%!2# 1"2(.!2 -'() 1"2!.(# (+ !.#,2! ()"(#(,%!.(# "2! "&"' "$! ".% 1"2('/'1"(+2* . &'2(," / "##!# ".% #!##'+.# ()"(2!#1+.% (+ #!2&'/!# +,('.!% '. CE #: F#/!.%)"# !.#,2!% ()"(/+,.#! +2 1+#'('+.# "2! 2!("'.!% !&!. ()2+,3) ()! $,%3!(/,(#: F%%'('+." *< -!)"&!)'2!% " 0".".3!2 +6 /'./" #!2&'/!# "(()! .!(-+27 !&! (+ 12+&'%! "

F#/!.%h# 0+#('0 1+2(".("##!(# 6+2 2!("'.'.3 #(,%!.(# 62+0 #1!/'" 1+1, "('+.# "2! ()! /+.('.,!% ,#! +6 2+$,#(12+32" 0 # 6+2 "(X2'#7 1+1, "('+.#< ()! /"1"$! #("66 ()"(#,11+2(()!#! 12+32" 0 #< ".% ()! #/)++ h# #(2+.3 2!1,("('+. " 0+.3 6" 0''!# ".% #("7!)+ %!2#: @./! 6" 0''!# e+'. F#/!.% ".% 6+2 ()+#! -)+ -' 2! 0"'. -'() ,#< -! 0"'.("'. +,2 /+0 0'(0!.((+ #!2&'.3 ()!'2 %'&!2#! .!!%#: E&!. . " 2! 0+(! !"2.'.3 #!((".3< -!)"&! $!/+0!'..+&"('&!'. 12+&'%'.3 #!2&'/!# (+ #(,%!.(# -'() #1!/'" !%,/"('+. .!!%#: F#/!.% # /+0 0'((!% (+ /2!"('.3 ". './ ,#'&! ".% .(!32"(!% #1"/! 6+2 " #(,%!.(#< ".% -!)"&! %!&! +1!% #*#(!0# ".% 12+/!%,2!# ()"(("23!(".% #,11+2(#(,%!.(# -'() "/"%!0'/< !0+('+." < ".% $!)"&'+2" /)" !.3!#: @,2 3+" # (+ !.#,2! ()"(#(,%!.(# -'() /)" !.3!# "2! !%,/"(!% " +.3#'%! ()!'2 (*1'/" * %!&! +1'.3 1!!2#: J)2+,3) +,2 '.(!2&!.('+. 12+32" 0 0'.3< #(,%!.(# -)+ 0'3)(+()!2-'#! $! ŏ Ò9 ° @R A

32!"(!2 %!32!! +6 % 66!2!.("(!%
#,11+2((+ #/)++ X$"#!%
/'.'/'".#:C. 1"2(.!2#)'1 -'() ()!
G+0 0'((!! +. =1!/'" E%,/"('+.
4G=E5< F#/!.% !01+*#
'..+&"('&! #(2"(!3'!# (+ #,11+2(
+,2 %'&!2#! !"2.!2# . " 2!0+(!
!.&'2+.0!.(-)'! 12+&'%'.3
1"2!.(# -'() 7.+- !%3! ".%
#7' #(+ $,((2!## ()! !"2.'.3#
".% 0!()+%# "( )+0!:i

F%%'('+." *< -!)"&!)'2!% "
0"."3!2 +6 /'.'/" #!2&'/!# "(
()! .!(-+27 !&! (+ 12+&'%! "
32!"(!2 %!32!! +6 % 66!2!.("(!%
#,11+2((+ #/)++ X$"#!%
/'.'/'".#:C. 1"2(.!2#)'1 -'() ()!
G+0 0'((!! +. =1!/'" E%,/"('+.
4G=E5< F#/!.% !01+*#
'..+&"('&! #(2"(!3'!# (+ #,11+2(
+,2 %'&!2#! !"2.!2# . " 2!0+(!
!.&'2+.0!.(-)'! 12+&'%'.3
1"2!.(# -'() 7.+- !%3! ".%
#7' #(+ $,((2!## ()! !"2.'.3#
".% 0!()+%# "( )+0!-Ğ
".%Ǝ409 -1.6(Tdl(

¡F#/!.%h# 0+#(01+2(".("##!(#
6+2 2!("'.'.3 #(,%!.(# 62+0
#1!/'" 1+1, "('+.# "2! ()!
/+.('.,!% ,#! +6 2+$,#(
12+32" 0# 6+2 "(X2'#7 1+1, "('+.#<
()! /"1"$! #("66 ()"(#,11+2(
()!#! 12+32" 0#< ".% ()! #/)++ h#
#(2+.3 2!1,("('+. "0+.3 6" 0''!#
".% #("7!)+ %!2#:@./! 6" 0''!#
e+'. F#/!.% ".% 6+2 ()+#! -)+
-' 2!0"'. -'() ,#< -! 0"'.("'.
+,2 /+0 0'(0!.((+ #!2&'.3 ()!'2
%'&!2#! .!!%#:E&!. . " 2!0+(!
!"2.'.3 #!(('.3< -!)"&!
$!/+0!'..+&"('&! '. 12+&'%'.3
#!2&'/!# (+ #(,%!.(# -'() #1!/'"
!%,/"('+. .!!%#:F#/!.% #
/+0 0'((!% (+ /2!"('.3 ".
'./ ,#'&! ".% .(!32"(!% #1"/!
6+2 " #(,%!.(#< ".% -!)"&!
%!&! +1!% #*#(!0# ".%
12+/!%,2!# ()"(("23!(".%
#,11+2(#(,%!.(# -'() "/"%!0'/<
!0+('+." < ".% $!)"&'+2"
/)" !.3!#:@,2 3+" #(+ !.#,2!
()"(#(,%!.(# -'() /)" !.3!# "2!

/+.('.,!% ,#! +6 2+$,#(
12+32" 0 # 6+2 "(X2'#7 1+1, "('+.#<
()! /"1"$! #("66 ()"(#,11+2(
()!#! 12+32" 0 #< ".% ()! #/)++ ℏ#
#(2+.3 2!1,("('+.

H. ⌡ +.µ ﻭ)!

=(,%!.(# -'() H'#"$' '('!#

	32!"(!2 %!32!! +6 % 66!2!.("(!% #,11+2((+ #/)++ X$"#!% /'.'/'".#:C. 1"2(.!2#)'1 -'() ()! G+0 0'((!! +. =1!/'" E%,/"('+. 4G=E5< F#/!.% !01+*# '..+&"('&! #(2"(!3'!# (+ #,11+2(+,2 %'&!2#! !"2.!2# . " 2!0+(! !.&'2+.0!.(-)'! 12+&'%'.3 1"2!.(# -'() 7.+- !%3! ".% #7' # (+ $,((2!## ()! !"2.'.3# ".% 0!()+%# "( )+0!:i	F%%'('+." *< -!)" !)2!% " 0"."3!2 +6 /'.'/" #!2&'/!# "(()! .!(-+27 !&! (+ 12+&'%! " 32!"(!2 %!32!! +6 % 66!2!.("(!% #,11+2((+ #/)++ X$"#!% /'.'/'".#:C. 1"2(.!2#)'1 -'() ()! G+0 0'((!! +. =1!/'" E%,/"('+. 4G=E5< F#/!.% !01+*# '..+&"('&! #(2"(!3'!# (+ #,11+2(+,2 %'&!2#! !"2.!2# . " 2!0+(! !.&'2+.0!.(-)'! 12+&'%'.3 1"2!.(# -'() 7.+- !%3! ".% #7' # (+ $,((2!## ()! !"2.'.3# ".% 0!()+%# "( )+0!:i

U'((%A12;)66*'0)%7

D>$ 7):*$:$*2? 1$A*$07/ 7>$ '%A21;)7'2% 02**07(7>124,> 7>$ 2%*'%$ 6217)* A21 02;6*')%0$?'7> ŭ4Tj

* 8 !:& .(8+(! J29(! . 4 32!&2 (+O &2! .+.2/ L2-&'2!8

J2?:.!2/ (+J242 8E 6V0QI E - / F:++-)(FI G: '(!.^2/ 0'-! 2! %&'(()8

L'2 -@)2 @2)(7 !2+)2& 8 '2 . +(!, - .(())2& 2/ '!(:4' '2 ( ). 2 9(! -) +(! &(, 9).- &2 7. ' 627 V(!Z % - 2 /:&- .(N-7 ;acd5DA5->$A +(! 2-&'. 4 8 -++ ?:-).+.&- .(8B O &2! .+.2/ 2-&'2!8 -!2 '(82 (&2! .+.2/ 9:!8:- ('2 % - 2 02! .+.&- .(J2?:.!2, 2 8 28 -@).8'2/ @" '2 6V% Q 0(, , .88.(2! (+ /:&- .(B 2! '2 !2)21- +:))> ., 2 2?:.1-)2 5HL A (: (+ 2-&'2!8 . 2-&' &():, B H(! 2W-, 9)2E - 8&'(() 7. ' ;< +:))> ., 2 2-&'2!8 - / c -)+> ., 2 2-&'2!8 7(:)/ -12 - HL &(: (+;;BcB

C6 0+2! ()". +.! '.! "11'!# (+ " (!"/)!2< 1 !"#! ./ ,%! '. +. * +.! VJE ,./!2('6'!% /"(!3+2*: !"#! %+ .+(./ ,%! 1"2"12+6!##'+." #< #,/) "# (!"/)!2 "'%!#:

0GL [I JV GB D< i I J c O60 JL*H* Q L G0M J% SM*0M U J *% N %%

	VJE G+, .(
': VJE /+, .(+6 , ./!2('6'!% (!"/)!2 -'() "(!"#(()2!! *!"2# +6 ! !0!."2*< 0'%% ! +2 #!/+.%"2* / "##2++0 (!"/)'.3 !f1!2'!./! 4"# +6 S, .! KM< LMLM5	
'': VJE /+, .(+6 , ./!2('6'!% (!"/)!2# -)+ "2! (!.,2!% +2 (!.,2! (2"/7 /+ !3! 6"/, (* 4"# +6 S, .! KM< LMLM5	
''': VJE /+, .(+6 , ./!2('6'!% (!"/)!2# -'() (-+ *!"2# +6 J!"/) 6+2 F0!2'/" !f1!2'!./! 4"# +6 S, .! KM< LMLM5	
: VJE /+, .(+6 , ./!2('6'!% (!"/)!2# LM(L)M5	

0GL [I JV FB 3NO% H*U O60 JL*H* Q L G0M J% *6 KGLM KGL*0%E %0* 60 E 0 I K 3OL J %0* 60 E L 0M6 I NI [V I J 0GJ J G6Q L 0M6*0GN QO0GL* I 6B

0GL [I JV 0] 3NO% c GQQ*L* I 6GN O6 0 JL*H* Q L G0M J%

	VJE G+, .(
': VJE /+, .(+6 , . / !2('6'!% (!"/)!2 -'() "(!"#(()2!! *!"2# +6 ! ! 0 !.("2*< 0'%% ! +2 #!/+.%"2* / "##2++ 0 (!"/)'.3 !f1!2'!./! 4"# +6 S, .! KM< LMLM5	
'': VJE /+, .(+6 , . / !2('6'!% (!"/)!2# -)+ "2! (!.,2!% +2 (!.,2! (2"/7 /+ !3! 6"/, (* 4"# +6 S, .! KM< LMLM5	
''': VJE /+, .(+6 , . / !2('6'!% (!"/)!2# -'() (-+ *!"2# +6 J!"/) 6+2 F 0 !2'/" !f1!2'!./! 4"# +6 S, .! KM< LMLM5	
: VJE /+, .(+6 , . / !2('6'!% (!"/)!2# -'() !f/!1('+." $,#'.!##< 12+6!##'+." < "2('#('/< "() !('/< +2 0''("2* !f1!2'!./! 4"# S, .! KM< LMLM5	
J+(" G"(!3+2* G\ .+((+ !f/!!% Q	M

0GL [I JV Q] L I LGN HL 0 I O6L I H O6 0GL [I J*P QE O6 0 JL*H* Q L G0M J%

4C./ ,%! (!"/)!2# -)+ %+ .+(6'(. +.! +6 ()!#! /"(!3+2'!# +2 6 %'% 6'(-+, % !f/!!% ()! ., 0 !2'/" '0'(# 6+2 ()"(/"(!3+2*5

	VJE G+, .(
J+(" G"(!3+2* H	

0GL [I JV] L I LGN HL 0 I O6L I H 0 JL*H* Q L G0M J%

	VJE G+, .(
J+(" G"(!3+2* E	

0GL [I JV H] L I LGN HL 0 I O6 L I H GNN L G0M J%

!"#! %+ .+(./ ,%! 1"2"12+6!##'+." #< #,/) "# (!"/)!2 "'%!#:

	VJE G+,.(
J+(" G"(!3+2* V	

L'- Z "(:B

U'((%A12;)66*'0)%7

Y6*2)(7>$ <" M+<"<" D>$ 21,)%'H)7'2% 0>)17 />24*('%0*4($ 62/'7'2% 7'7*$/)%(1$6217'%, 1$*)7'2%/>'6/- ; 6*2E$$ %) ; $/ />24*(%27)66$)1 2% 7>$ 0>)17-

---

J2?:.!2/ (+ J242 8E 6V0Q I E - / F:++-)(F I G: '(!.^2/ 0'-! 2! %&'(()8 I 6NV

F")-7E 2-&' &'-! 2! 8&'(() .8 !2?:.!2/ (,-. -. &2! -. (.&28 - / 9().&.28).8 2/ (. 8 72@8. 2B 3)2-82 . 82! '2). Z +!(, '2 8&'(()_8 72@8. 2 +(! 2-&' (+ '2 . 2 , 8]

D'.7 (+ H+/ , 0 !.(#

Z: _+#(?!/!.(F. . ," ?!1+2(4':!:< LMZNXZP5

L: _+#(?!/!.(>+"2% _!!('.3 A+('/! ".% ?! "(!%
F3!.%" C(! 0 H+/ , 0 !.(#

L": ; !$/"#(+6 >+"2% _!!('.3# 41!2]+&!2.+28#
Ef!/ ,('&! @2%!25

K: D'.7 (+ AU= /)++ ?!1+2(G"2%

R: _+#(?!/!.(D+((!2* A+('/! F. .+, ./'.3 D+((!2*

Q: F , ()+2'9!2XF112+&!% HF=F + '/*

O: H'#(2'/(X-'%! "6!(* ".

O": F , ()+2'9!2XF112+&!% H'#/'1'.! + '/* 4"# 1!2
F , 3 , ŝ ". 4"# هطر Ž

$%0241),$(72 1A1 72 366$%('a \ 2A 7>$ 5$; 27$ Z 2%'721'%,)%(e&$1/',>7 C*)% 961'%, <"<" 1$; 27$ A21 :$/7 61)07'0$/ 1$,)1('%, $%(2A E$)1)//$// ; $%7/ '%) 1$; 27$ *$)1%'%, $%&'12% ; $%7-

!" $b 0 I U*Q $= J2)- 2 / * +(! , - .(

%&' (() 6 - , 2] F!(7 81.))2 G8&2 / 0 ' - ! 2! %&' (()

LGFN $] ;<$=>;<;< !()),2 E G 2 /- &2 - / 3-! .&.9- .(F2 722 K-!&'>C: 2 ;<;<

!"#! 12+&'%! ()! . , 0 $!2 +6 #(,%!.(# "((!.%'.3 '.#(2,/('+. +. ()! "#(%"* .#(2,/('+. -"# 12+&'%!% -'()'. 1)*#'/" #/)++ 6"/''('!# ".% ()! . , 0 $!2 +6 #(,%!.(# 1"2('/'1"('.3 '. 2(," 12+32" 0 0'.3 +. ()! "#(%"* #,/) 12+32" 0 0'.3 -"# +66!2!% 6+2 ()! LMZPXLMLM #/)++ *!"2:

A , 0 $!2 +6 #(,%!.(# !.2+ !%'. #/)++ +. ()! "#(%"* .#(2,/('+. -"# 12+&'%!% -'()'. 1)*#'/" #/)++ 6"/''('!#	A , 0 $!2 +6 #(,%!.(# "((!.%'.3 '.#(2,/('+. +. ()! "#(%"* .#(2,/('+. -"# 12+&'%!% -'()'. 1)*#'/" #/)++ 6"/''('!#	A , 0 $!2 +6 #(,%!.(# 1"2('/'1"('.3 '. &'2(," 12+32" 0 0'.3 +. ()! "#(%"* #,/) 12+32" 0 0'.3 -"# +66!2!% 6+2 ()! LMZPXLM #/)++ *!"2
ZMRR	NZ^	NPQ

L-@)2 ;] ;<$=>;<;< G88288 , 2 8 - / [!-/2 3-! .&.9- .(

C6 "11'/"$!< 1 !"#! 12+&'%! ()! ." 0 ! ".% 1,$'#)!2 +6 " !.% +6 *!"2 "##!##0!.(# 12+&'%!% $* 32"%! ?# !&! "# -! "# ()! . , 0 $!2 +6 1"2('/'1"('.3 #(,%!.(#: >+"2% +6 ?!3!.(#X",()+2'9!% /)"2(!2 #/)++ # "2! !./+,2"3!% (+ 2!6!2 (+ F11!.%'f > +6 ()! ?! 0 +(! _+.'(+2'.3 ".% @&!2#'3)(". =12'.3 LMLM 2! 0 +(! 6+2 $!#(12"/('/!# 2!3"2%'.3 !.% +6 "1"2

M

FOR INSTIT

BY A NOT-FOR-PROFI

ORPORATION TRUSTEE

1. Name of education corporation: ASCEND CHARTER SCHOOLS

ee chair, etc.): CO-TREASURER

Is Trustee an employee of the education corporation? ___ Yes. _X_ No. If you checke yes,

pleas

Step of Person Holding

participate i

10. Identity each individual, business, corporation, union, association, partnership, committee, proprietorship, franchise, holding company, joint stock company, business or real estate trust, non-profit organization, or other organization or group of people doing business with the education corporation and in which such entity, during the preceding school year (July 1 – June 30), you or any of your immediate family member(s) had a financial interest or other relationship. If you are a member, director, officer or employee of an organization that is doing business with the education corporation that is doing business with the education corporation through a management or services agreement, you need not list every transaction between such entity and the education corporation but is pursuant to the agreement. Please list only the name of the entity, your position in the entity as well as the relationship between such entity and the education corporation. If there was no financial interest, please write "None".

Entity Conducting Business with the Education Corporation	Nature of Business Conducted	Approximate Value of the Business Conducted	Name of Trustee and/or Immediate Family Member or Interest in the Entity Conducting the Business with the Education Corporation and the Value of the Interest	Steps Taken to Avoid Conflict of Interest
Please write "None"				

Signature

Date

Form Revised November 2021

FOR INSTITUTE USE ONLY

FILING FOR SCHOOL YEAR: _____

DATE RECEIVED:

[redacted]

10.

_____

FOR INSTITUTE USE ONLY

FILING FOR SCHOOL YEAR: _____

DATE RECEIVED: _____

DISCLOSURE OF FINANCIAL INTEREST BY A NOT-FOR-PROFIT CHARTER SCHOOL EDUCATION CORPORATION TRUSTEE

-E:<B; 3G9@?: />8DF<D 4:>CC@E

4><@@J /@<8DJ

5D<8EGD<D

[redacted]

6

2CB<

write

"None

Date(s)	Nature of Financial Interest/Transaction	Steps Taken to Avoid a Conflict of Interest, (e.g., did not vote, did not participate in discussion)	Identity of Person Holding Interest or Engaging in Transaction (e.g., you and/or immediate family member (name))
2CB<			

Please write "None" if applicable. Do not leave this space blank.

and

write **"***None*

Entity Conducting Business with the Education Corporation	Nature of Business Conducted	Approximate Value of the Business Conducted	Name of Trustee and/or Immediate Family Holding an Interest in the Entity Conducting Business with the Education Corporation and the Nature of the Interest	Steps Taken to Avoid Conflict of Interest
2CB<				

Please write "None" if applicable. Do not leave this space blank.

)!$$!$"$"

_____ _____

Signature ***Date***

Form Revised November 16, 2015

SUNY Charter Schools Institute
The State University of New York

FOR INSTITUTE USE ONLY
FILING FOR SCHOOL YEAR:
DATE RECEIVED:

DISCLOSURE OF FINANCIAL INTEREST BY A NOT-FOR-PROFIT CHARTER SCHOOL EDUCATION CORPORATION TRUSTEE

1. Name of education corporation: ASCEND CHARTER SCHOOLS
2. Trustee's name (print): MARK ANDON
3. Position(s) on board (e.g., chair, treasurer, committee chair, etc.):

TRUSTEE

[redacted]

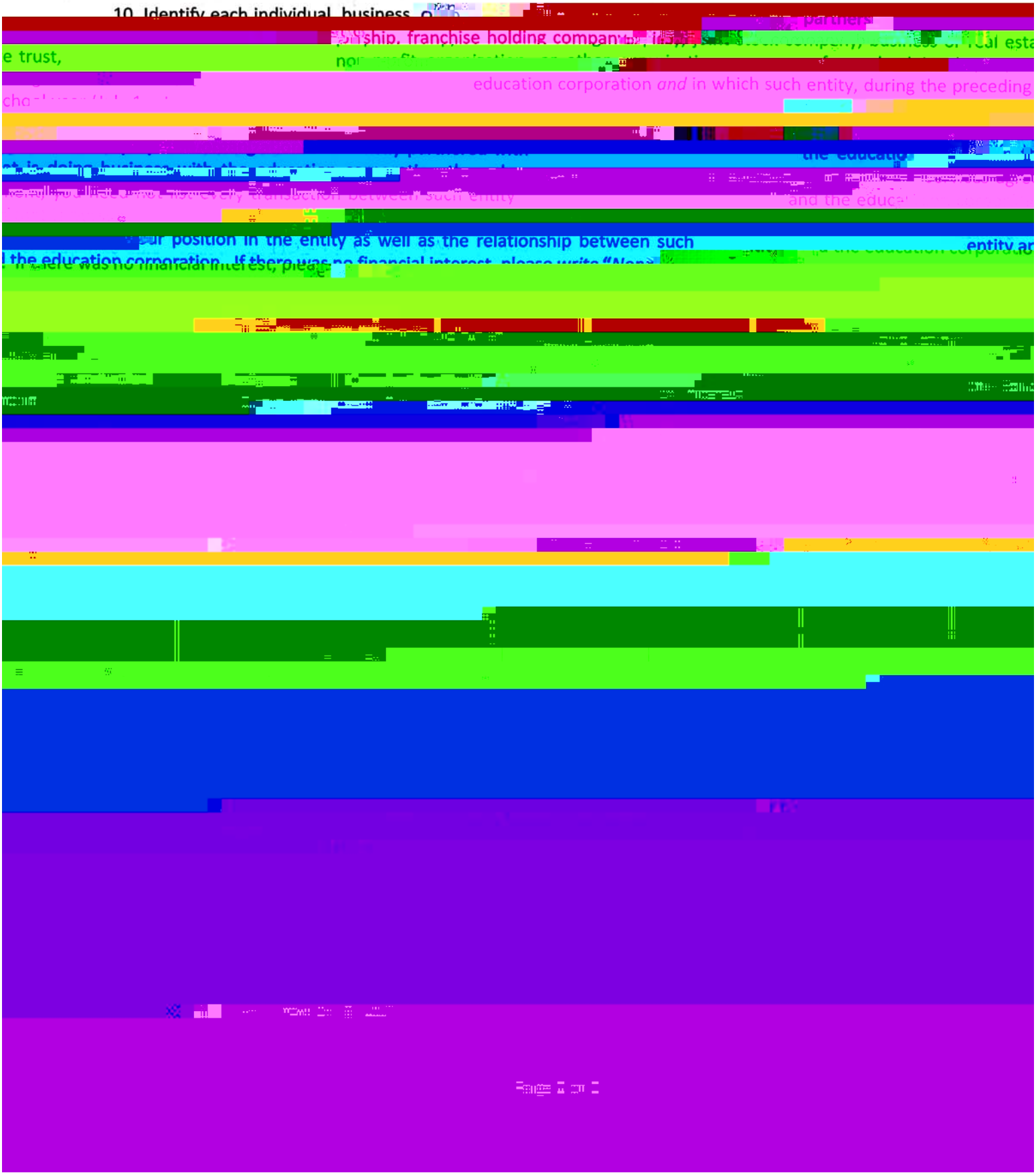
8. Is Trustee an employee of the education corporation? ___ Yes ___X___ No If you checked yes, please provide a description of the position you hold, your salary and your start date.

N/A

9. Identify each interest/transaction (and provide the requested information) that you or your immediate family members have held or engaged in with the education corporation during the prior school year. If there has been no such financial interest or transaction, please write, *"None."* Please note that if you answered yes to Question 8, you need not disclose again your employment status, salary, etc.

Date(s)	Nature of Financial Interest/Transaction	Steps Taken to Avoid a Conflict of Interest, (e.g., did not vote, did not participate in discussion)	Identity of Person Holding Interest or Engaging in Transaction (e.g., you and/or (name))
	NONE!		

Please write "None" if applicable. Do not leave this space blank.



and

write "None

Entity Conducting Business with the Education Corporation	Nature of Business Conducted	Approximate Value of the Business Conducted	Name of Trustee and/or Immediate Family Holding an Interest in the Entity Conducting Business with the Education Corporation and the Nature of the Interest	Steps Taken to Avoid Conflict of Interest

Please write "None" if applicable. Do not leave this space blank.

_____

Certificate of Occupancy

CO Number: 320157744T035

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate 39.1999 Tm (003 T-3.3206 or.06 -44.88ssu54 5C99 (i)8.2 d39.19.c 0.0003 Tc 0.0029 Tw -2.577 -1.202 T

Certificate of Occupancy

CO Number: [redacted]

Permissible Use and Occupancy

All Building Code occupancy group designations below are 2008 designations.

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
[redacted]						

Borough Commissioner

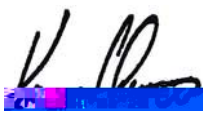
Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

Certificate of Occupancy

CO Number: 320157744T035

CRFN #2010000187672
END OF SECTION



Borough Commissioner

Commissioner

END OF DOCUMENT

Certificate of Occupancy

CO Number:

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the

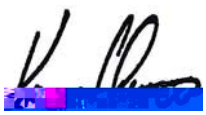
Certificate of Occupancy

CO Number:

Certificate of Occupancy

CO Number: 320157744T035

CRFN #2010000187672
END OF SECTION



Borough Commissioner

Commissioner

END OF DOCUMENT