PROJE	WESTERN UNIVERSITY CT NAME	FOR: ISSUED: 2022.2
SECTION	N 22 3 00 - DOMESTIC-WATER HEAT EXCHANGERS	
PART!	GENERA"	
1.1	RE"ATED DOCUMENTS	
A.	$ \begin{array}{llllllllllllllllllllllllllllllllllll$	
!.2	SUMMARY	
A.	S+316.'I'3,5*+):	
	!. S2+,,-\$'*-158+4 * . 6+) 似3-%\$1+#-&'-3.&,4 * . 6+) 似3-%\$1+# 2+\$1 2. D. 6+) 似3-%\$1+#4 2+\$1-+932\$'(+# \$33+)). 共+).	+932\$'(+#).

A. S+ \S 1) 6 \S 3 P+#0.#6 \S 3+: D.6+)1 \S 3- \S 51+#2+ \S 1 +932 \S 1 (+#1))2 \S 5, \S 612)1 \S 1* 12+ +00+31) .0 +\$#12;5 \S 5<+ 6.1 \S 6. 1 \S 7) *+1+#6 \S 81+ \S 7 (1. ASCE-SEI>.

PERFORMANCE RE : UIREMENTS

1.3

NORTHWESTERN UNIVERSITY PROJECT NAME	FOR:	



NORTHWESTERN UNIVERSITY
PROJECT NAME
JOB #

FOR:	
ISSUED:	<mark>2022.2</mark>

NORTHWESTERN UNIVERSITY	
PROJECT NAME	FOR:
JOB #	ISSUED: <mark>2022.2</mark>

- E. P#+))5#+ R+,&+0 V\$,/+): ASME #\$1+* \$'*)1\$6-+*. I'3,5*+ -#+))5#+)+11&'(,+)) 12\$' 2+\$1-+932\$'(+#%.#<&'(--#+))5#+ #\$1&'(.
- F. V\$3556 R+,\(\bar{\}\)+0 V\$,/+): ANSI N2!.22=CSA A.A-M.

FOR:	
ISSUED:	2022.2

- 3. I')1\$,,)251.00 /\$,/+) .')1+\$6 \$'*3.'*+')\$1+ -&-&'(1.2+\$1+932\$'(+#). C.6-,7 %l12 #+;5\#+6+'1) 0.#)251.00 /\$,/+))-+3\%* &' S+3\%*. 230 23 ?G+'+#\$,-D5\%T V\$,/+) 0.# HVAC P&-&'(.?
- C. I')1\$,, * .6+)1\$3-%\$1+# 2+\$1 +932\$'(+#) %\$12)+\$\) 6\$3-#+)\$\$\\$\^1 *+/\\$3+\). C.6-,7 %\$12 #+;5\$\\^4+6+'1\) 0.#)+\$\) 6\$\\^3-\\^4+\)1\$\$\\^1 *+/\\$3+\))-+3\$\\^4\\^8+\\^1 * S+31\\^1.' 220 AE ?\\^8\\^\$\\^1.' \$'* S+\\^3\\^3 C.'1\\^4.\) 0.# P,568\\^1 (P\\^4-\\^1.' \$\)5\\^4-6+'1.?
- D. 1')1\$,, 1+6 -+#\$15#+ \$' * -#+)15#+ #+, i+0 /\$,/+) i' 1.- -.#1i.' .0)1.#\$(+-1\$' <)2+,,) .0 *.6+)1i3-%\$1+# 2+\$1 +932\$'(+#) %i12 *.6+)1i3-%\$1+#)1.#\$(+. U)+ #+, i+0 /\$,/+) %i12)+')i'(+,+6+'1) 12\$1 +9!+'* i' 1.)2+,,). E9!+'* #+, i+0-/\$,/+.5!,+14 %i12 *#\$i' -i-i'()\$6+ \$) *.6+)1i3-%\$1+# -i-i'(i' 3.'1i'5.5) *.%'%\$#* -i1324\$'* *i)32\$#(+87 -.)i1i/+ \$i# (\$-.'1.3,.)+)10,...# *#\$i'.
- E. I')1\$,, 3.68&'\$1&.' 1+6-#\$15#+\$'*-#+)5#+ #+,&+0 /\$,/+) &' %\$1+#-&-&'(0.#*.6+)1&3-%\$1+#
 2+\$1 +932\$'(+#) %&12.51)1.#\$(+. E9!+'* #+,&+0/\$,/+.51,+14 %&12 *#\$&' -&-&'()\$6+ \$)
 *.6+)1&3-%\$1+# -&-&'(&'3.'1&'5.5) *.%'%\$#*-&1324 \$'**&)32\$#(+87 -.)&1&/+ \$\pm\$# (\$-.'1.3..)+)10,..#*#\$&'.
- F. I')1\$,, 2+\$1-+932\$'(+# *#\$&' -&-&'(\$) &'*&#+31 %\$)1+1.)-&,, 87 -.)&1&/+ \$\psi (\$S-&\'1..-+' *#\$&').#../+#0,.# *#\$&'). I')1\$,, 2.)+-+'* *#\$&' /\$,/+) \$1,.% -.&\'1) &' %\$1+# -&-&\(0.# *.6+)1&3-%\$1+# 2+\$1 +932\$'(+#) 12\$1 *.'.1 2\$/+ 1\$'< *#\$&'). C.6-,7 %\(12 #+;5\(\psi +6+'1\) 0.# 2.)+-+'* *#\$&' /\$,/+))-+3\(\psi +6+'1\) 0.# 2.)+-+'*
- G. I')1\$, 12+#6.6+1+#.'+\$32 *.6+)1\(\delta\)-\(\sim\)-\(\delta\)-\
- H. I')1\$,, -#+))5#+ (\$(+) .' *.6+)1&3-%\$1+#4 2+\$1-+932\$'(+#4 2+\$1&'(-0,5&* -&-&'(. C.6-,7 %l12 #+;5&#+6+'1) 0.# -#+))5#+ (\$(+))-+3&0&+*&' S+3&.' 220 !D ?M+1+#) \$'* G\$(+) 0.# P,568&'(P&-&'(.?
- I. F8,, * . 6+)183-%\$1+# 2+\$1 +932\$ ' (+#) %812 %\$1+#.
- J. C2\$#(+ * . 6+)183-%\$1+# 3 . 6 -#+))8 . ' 1\$ '<) %812 \$#.
- H. I')1\$,, \$' \$--#./+* 6 \$9\$'(/\$,/+ .' 12+ *\$)32\$#(+)\$*+ .0 \$,, \$')1\$'1\$'+.5) \$'*)+6\$-\$ \$')1\$'1\$'+.5) %\$1+# 2+\$1+#).

3.2 CONNECTIONS

- A. C.6-,7%12#+;54#+6+'1)0.#-4-4'()-+344+*4'S+314.'22!!!C?D.6+)143W\$1+#P4-4'(.?
- B. C.6-,7 %12 #+;5#+6+'1) 0.# 2+\$1&'(2.1-%\$1+# -&-&'()-+340+* &' S+31&.' 232!!3 ?H7*#.'&3 P&-&'(.?
- C. C. 6-,7%12#+;51#+6+'1)0.#)1+\$6\$'*3.'*+')\$1+-1-1()-+3101+*1 S+311.'2322!3?S1+\$6\$'*C.'*+')\$1+ H+\$11(P1-1()?
- D. D#\$%l'() l'*l3\$1+ (+'+#\$, \$##\$'(+6+'1.0-l-l'(40l1ll'()4\$'*)-+3l\$,1l+).

NORTHWESTERN UNIVERSITY	
PROJECT NAME	FOR:
JOB #	ISSUED: <mark>2022.2</mark>

THIS PAGE IS INTENTIONA" "Y B"ANH