

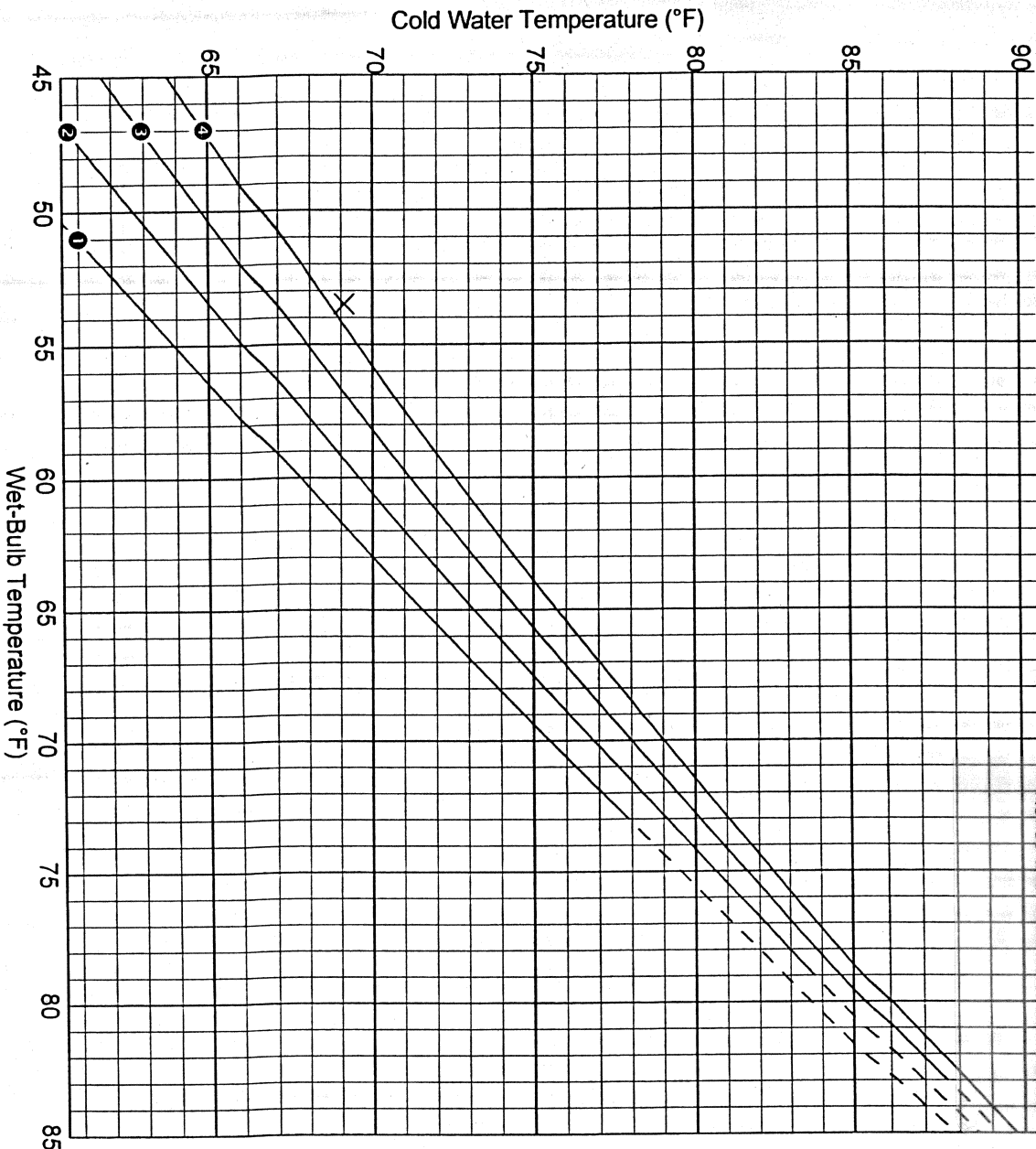
Marley BEST™ Version 2.02
Product Data: 8/23/2001

jea-eval-new53-5 bid.opt
Revised 1/23/2002 4:11:32 PM by Josh Eliason

Customer
JEA - Brandy Branch
BE&K / Utility Engineering
Jacksonville, FL

Review does not relieve
contractor from responsibility
for errors or deviations
from contract requirements

- ☒ NO EXCEPTIONS NOTED
Release for manufacture
- ☐ EXCEPTIONS NOTED
Release for manufacture
Revise and resubmit for distribution
- ☐ RETURNED FOR CORRECTION
Do not proceed
Revise and resubmit for authorization



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The Marley Cooling Tower Company

Definition	
Model (ID 25)	F499-4.0-10B
Fill	MC75 Log-4.0
Eliminator	TU12C
Louver	No louvers
Fan	10MHP7-7
Stack	10M x14 RftXV Rib
Speed Reducer	4000, 14.88:1
Drive	400 Shaft
Motor	1800 rpm, TEFC
Closed Sides	0
Partitions	Wind Walls
Air Inlet Guide	Yes
Effective Air Inlet Ht.	21.50 ft
Plenum Height	12.00 ft

Design Conditions

Tower Water Flow	165000 gpm
Hot Water Temperature	83.90 °F
Cold Water Temperature	69.10 °F
Wet-Bulb Temperature	53.50 °F
Relative Humidity	70 %
Total Dissolved Solids	0 ppm
Altitude	0 ft
Inlet P.D. Vel. Heads	0
Outlet P.D. Vel. Heads	0
Motor Output	200 BHP

Curve Conditions

Tower Water Flow (90 %)	148500 gpm
Fan Speed (100 %)	119 rpm
Motor Output	199.9 BHP

- Legend**
- ① 8.88 °F Range
 - ② 11.84 °F Range
 - ③ 14.8 °F Range
 - ④ 17.76 °F Range
 - X Design Point

UTILITY
ENGINEERING

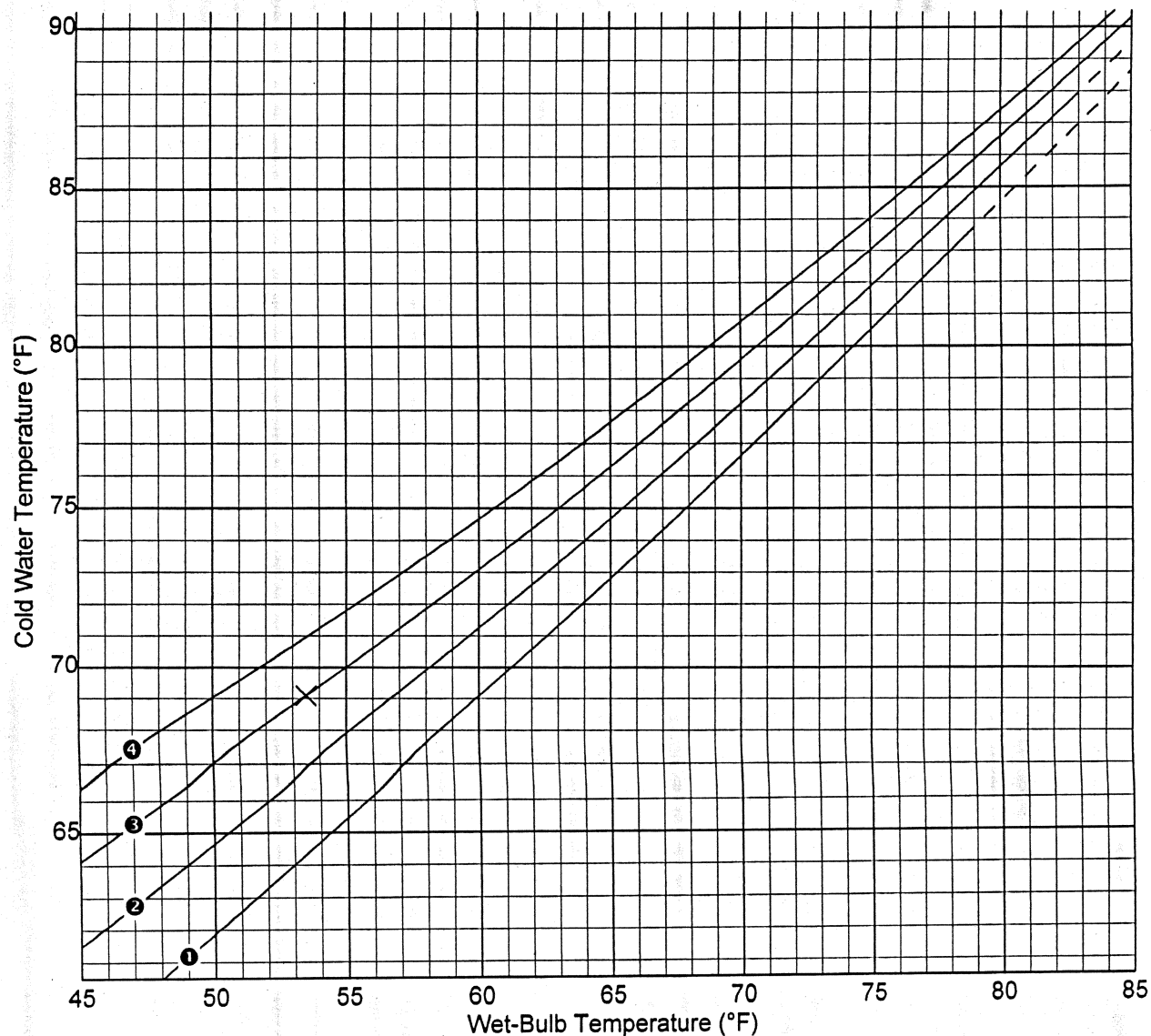
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Fill MC75 Log-4.0
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Louver No louvers
Fan 10MHP7-7
Stack 10M x14' Rflx/V Rib
Speed Reducer 4000, 14.88:1
Drive 400 Shaft
Motor 1800 rpm, TEFC
Closed Sides 0 Partitions Yes
Closed Ends 0 Wind Walls Yes
Air Inlet Guide Yes
Effective Air Inlet Ht. 21.50 ft
Plenum Height 12.00 ft

Design Conditions _____
Tower Water Flow 165000 gpm
Hot Water Temperature 83.90 °F
Cold Water Temperature 69.10 °F
Wet-Bulb Temperature 53.50 °F
Relative Humidity 70 %
Total Dissolved Solids 0 ppm
Altitude 0 ft
Inlet P.D. Vel. Heads 0
Outlet P.D. Vel. Heads 0
Motor Output 200 BHp

Curve Conditions _____
Tower Water Flow (100 %) 165000 gpm
Fan Speed (100 %) 119 rpm
Motor Output 199.9 BHp

Legend _____
① 8.88 °F Range
② 11.84 °F Range
③ 14.8 °F Range
④ 17.76 °F Range
X Design Point