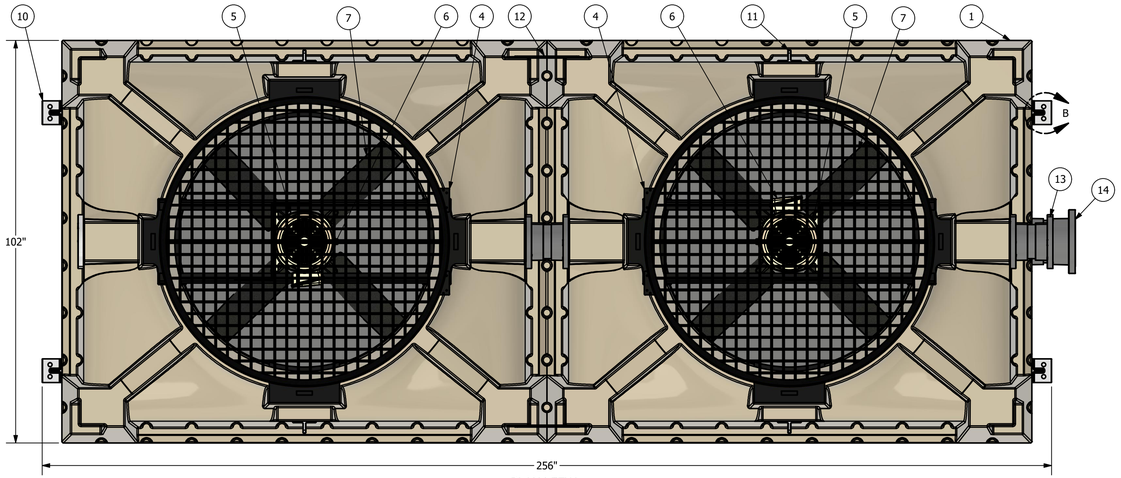
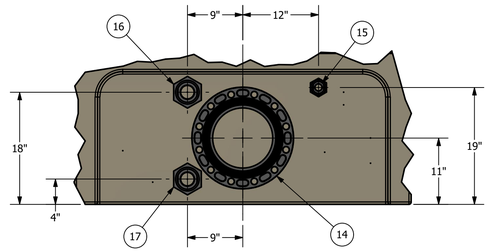
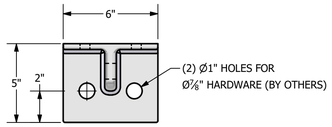
DATE	REV	DESCRIPTION	AUTH	CHK
2/28/2024	-	INITIAL DRAWING	FP	FP
9/19/2025	A	ADDED DIMENSIONS / DETAIL	FP	FP



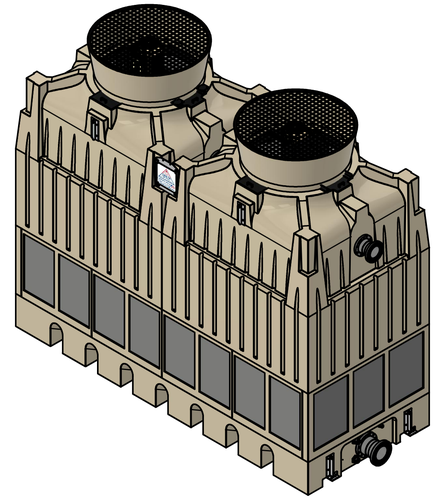
PLAN VIEW

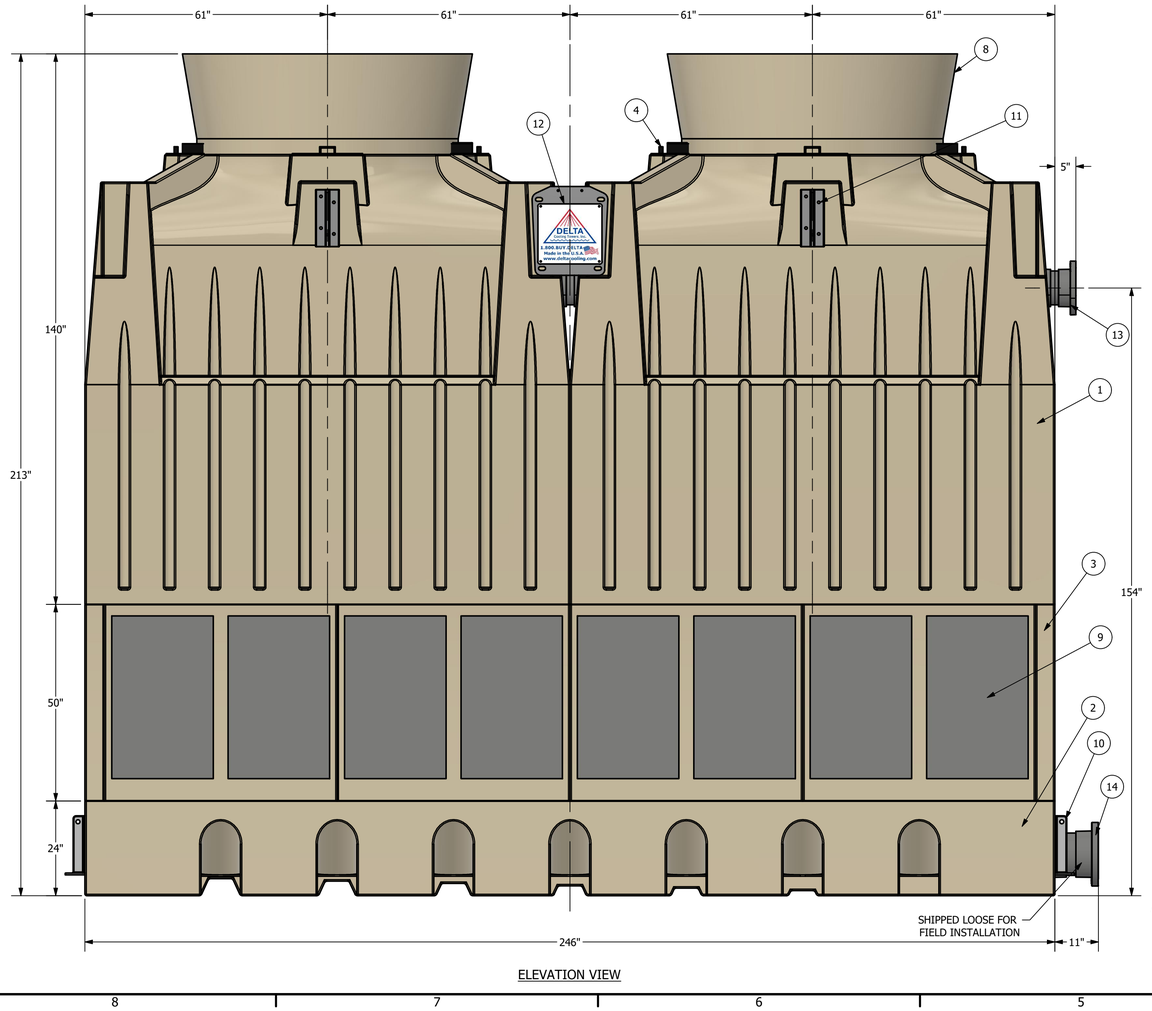


DETAIL A
SCALE 1"=1'

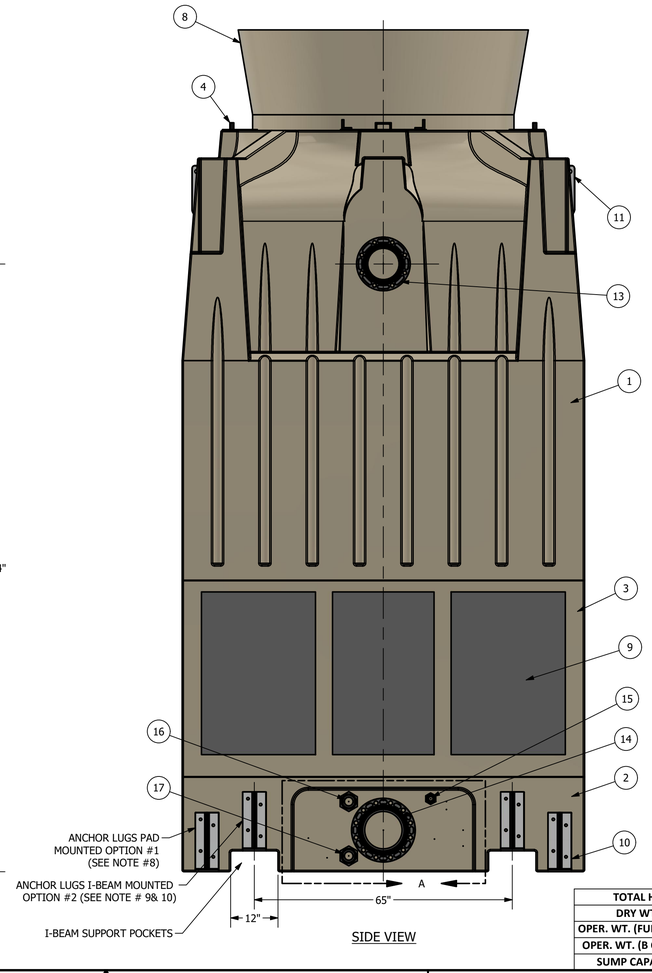


DETAIL B
ANCHOR LUG - OPTION TBD
SCALE 2 1/2" = 1'





ELEVATION VIEW



SIDE VIEW

NOTES:
1. DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO FABRICATION TOLERANCES.
2. EXTERNAL PIPING MUST BE INDEPENDENTLY SUPPORTED.
3. PIPING AND BULKHEAD FITTING MATERIAL IS PVC UNLESS OTHERWISE NOTED.
4. HARDWARE MATERIAL IS TYPE 304 STAINLESS STEEL.
5. MAXIMUM INLET WATER TEMPERATURE IS 140°F. (CONSULT FACTORY FOR HIGHER TEMPERATURE APPLICATIONS).
6. ALL DIMENSIONS ARE IN INCHES.
7. ALL WEIGHTS ARE IN POUNDS. DRY WEIGHT INCLUDES; FAN ASSEMBLY AND TOWER COMPLETE / OPERATING WEIGHT INCLUDES A FULL SUMP.
8. TOWER MOUNTING OPTION #1 - CONCRETE PAD - ENTIRE TOWER BASIN BOTTOM SURFACE TO BE FULLY SUPPORTED BY AN APPROPRIATELY SIZED CONCRETE PAD.
9. TOWER MOUNTING OPTION #2 - BEAM SUPPORTED VIA I-BEAM POCKETS - * SUPPORT BEAMS AND ANCHOR BOLTS ARE TO BE FURNISHED BY OTHERS. * BEAMS SHOULD HAVE A MINIMUM TOP FLANGE WIDTH OF 8" (8"X31# RECOMMENDED) AND BE IN ACCORDANCE WITH ACCEPTABLE STRUCTURAL DESIGN PRACTICES. THESE BEAMS SHOULD BE LOCATED IN THE INTEGRALLY MOLDED I-BEAM POCKETS AND SHOULD OVER-FUN THE LENGTH OF THE TOWER.
10. IF SELECTING TOWER MOUNTING OPTION #2, DO NOT WELD OR BOLT DOWN I-BEAMS PRIOR TO SETTING THE COOLING TOWER SUMP(S)
11. FINAL YARD PIPING TO AND FROM THE TOWER SHOULD BE FABRICATED FOLLOWING INSTALLATION OF THE TOWERS ONSITE. DUE TO MANUFACTURING AND INSTALLATION TOLERANCES, PREFABRICATION OF EXTERNAL PIPING IS NOT RECOMMENDED.

ITEM	QTY	DESCRIPTION	MATERIAL	REMARKS
17	1	DRAIN CONNECTION	PVC	2" FNPT
16	1	OVERFLOW CONNECTION	PVC	2" FNPT
15	1	MAKE-UP CONNECTION	PVC	1" FNPT
14	1	WATER OUTLET CONNECTION	PVC	10" FLANGED
13	1	WATER INLET CONNECTION	PVC	8" FLANGED
12	2	TOP CONNECTOR BRACKETS	ALUMINUM	
11	4	LIFTING LUGS	ALUMINUM	
10	4	ANCHOR LUGS	ALUMINUM	SEE NOTE #8 & #9
9	22	LOUVER PANELS	PVC	
8	2	VELOCITY RECOVERY STACK	POLYETHYLENE	WITH SCREEN
7	2	PROPELLER	FRP/POLYPRO	
6	2	ELECTRICAL CONNECTION	ALUMINUM	INISDE FAN ASSEMBLY
5	2	MOTOR	ALUM/STEEL	TEAO, 900 RPM
4	2	FAN RING	COATED CS	
3	10	LOUVER FRAMES	POLYETHYLENE	
2	1	SUMP	POLYETHYLENE	
1	1	UPPER HOUSING	POLYETHYLENE	

BILL OF MATERIALS

TOTAL HP	6/10/15/20/30/40/50
DRY WT.	7,800 LBS
OPER. WT. (FULL SUMP)	14,640 LBS
OPER. WT. (B OUTLET)	10,140 LBS
SUMP CAPACITY	576 GALLONS

DESIGN CONDITIONS		
FLOW RATE	TBD	GPM
INLET TEMP	TBD	°F
OUTLET TEMP	TBD	°F
WET BULB	TBD	°F
ELECTRICAL	TBD	

INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE IN THE INTEREST OF PRODUCT IMPROVEMENT.

DELTA COOLING TOWERS INC.
185 US HIGHWAY 206 ROXBURY TOWNSHIP, NJ 07836
PH: 973-586-2201 FAX: 973-586-2243

TITLE: 1 CELL TMX SALES ASSEMBLY
TMX SERIES
DRAWN BY: Frank Pizzuchi
JOB # TBD
CHECKED BY: Frank Pizzuchi
SCALE 5/8" = 1'
DATE 2/28/2024
SIZE D
DWG NO DCT-TMX_1C-SSD-001
REV A