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 FL LIC. NO. 44072

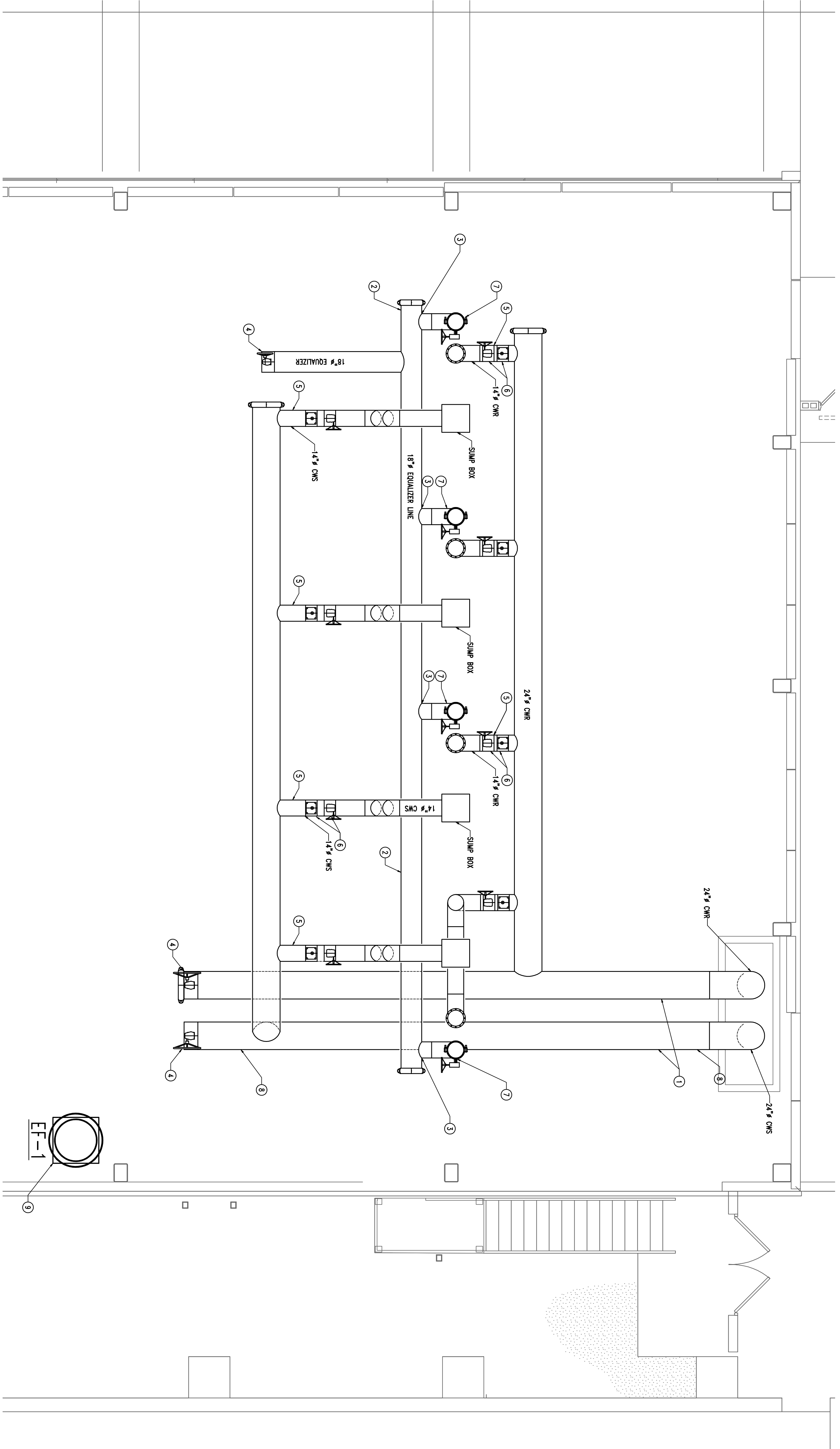
REVISION	COMMENTS

**UNIVERSITY OF SOUTH FLORIDA
 SOUTH EAST CHILLER PLANT
 BR-590 COMPONENT #6**

12225 USF MAPLE DRIVE
 TAMPA, FLORIDA 33620

DRAWING TITLE :	MECHANICAL CROSS FLOW COOLING TOWER PIPING LAYOUT
Drawing Progress:	100% CONSTRUCTION DOCUMENTS

FILE NAME:	081106_M-4-102DW6
DATE:	03-31-2009
PLAT SIZE:	AS NOTED
DESIGNED BY:	SM
CHECKED BY:	SM
PROJECT NO.:	081106
SHEET NO.:	



MECHANICAL CROSS FLOW COOLING TOWER PIPING LAYOUT
 SCALE: 1/4"=1'-0"

- MECHANICAL NOTES:**
- 1 MECHANICAL CONTRACTOR TO ROUTE CONDENSER WATER SUPPLY AND RETURN PIPING DOWN TO CHILLER FAN FROM ROOF MOUNTED COILING TOWERS.
 - 2 MECHANICAL CONTRACTOR TO ROUTE EQUALIZER LINE ABOVE ROOF AND BELOW COOLING TOWER.
 - 3 MECHANICAL CONTRACTOR TO THE EACH EQUALIZER LINE AT SIDE OF MAIN EQUALIZER PIPING.
 - 4 MECHANICAL CONTRACTOR TO PROVIDE A VALVE AND BLIND FLANGE FOR FUTURE CONNECTIONS.
 - 5 MECHANICAL CONTRACTOR TO ROUTE FROM SIDE OF MAIN PIPING TO BOTTOM OF COOLING TOWER.
 - 6 PROVIDE SHUT-OFF VALVE AND CONTROL VALVES IN EACH CONDENSER WATER SUPPLY AND RETURN PIPING.
 - 7 PROVIDE SHUT-OFF VALVE IN EACH EQUALIZER LINE TAKE-OFF.
 - 8 PROVIDE STANDS TO SUPPORT CONDENSER WATER PIPING. SEE STRUCTURAL DRAWINGS FOR DETAILS.
 - 9 PROVIDE NEW ROOF MOUNTED EXHAUST FAN FOR REFRIGERANT REMOVAL. EXHAUST FAN SHALL HAVE A COUNTER WEIGHT, COUNTER BALANCE AND BACK DRAFT DAMPER.