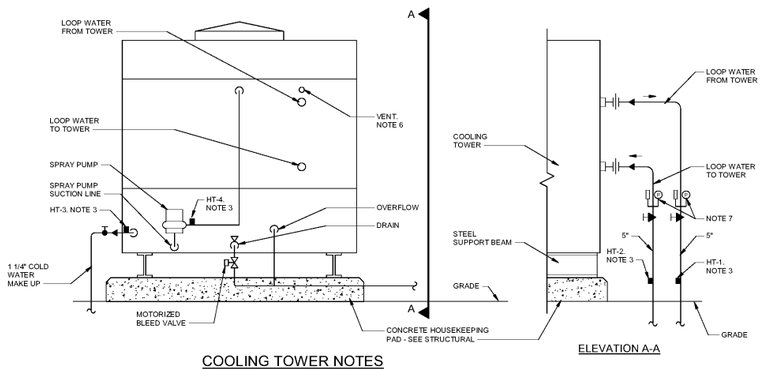


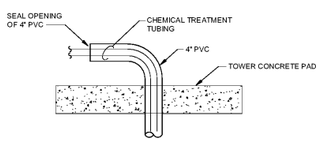
ELEVATION A-A

COOLING TOWER NOTES

1. CONFIGURATION OF TOWER SELECTED MAY DIFFER FROM TOWER SHOWN. CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO INSTALL TOWER IN ACCORDANCE WITH TOWER MANUFACTURERS REQUIREMENT.
2. ALL TOWER PIPING SUPPORTS, FASTENERS AND ACCESSORIES SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.
3. HEAT TAPE THE FOLLOWING PIPE, VALVES AND ACCESSORIES:
   A. MAKE-UP WATER
   B. TOWER SUPPLY AND RETURN
   C. SPRAY PUMP AND PUMP SUCTION LINE
4. COORDINATE ALL CHEMICAL TREATMENT PIPING CONNECTIONS WITH CHEMICAL TREATMENT SUPPLIER REQUIREMENTS.
5. THE CONTRACTOR SHALL NOT CUT HOLES IN TOWER FOR ANY REASON WITHOUT WRITTEN PERMISSION FROM THE TOWER MANUFACTURER AND ENGINEER.
6. PROVIDE MANUAL AIR VENT.
7. GAUGES 60" ABOVE GRADE.

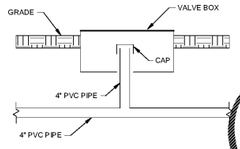
COOLING TOWER PIPING DETAIL (CLOSED LOOP)

NOT TO SCALE



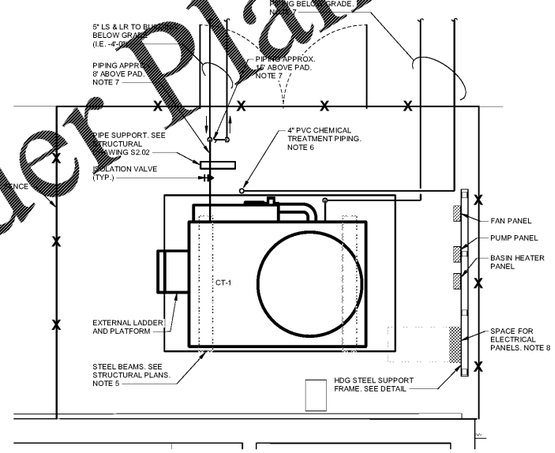
CHEMICAL TREATMENT PIPING DETAIL

NOT TO SCALE



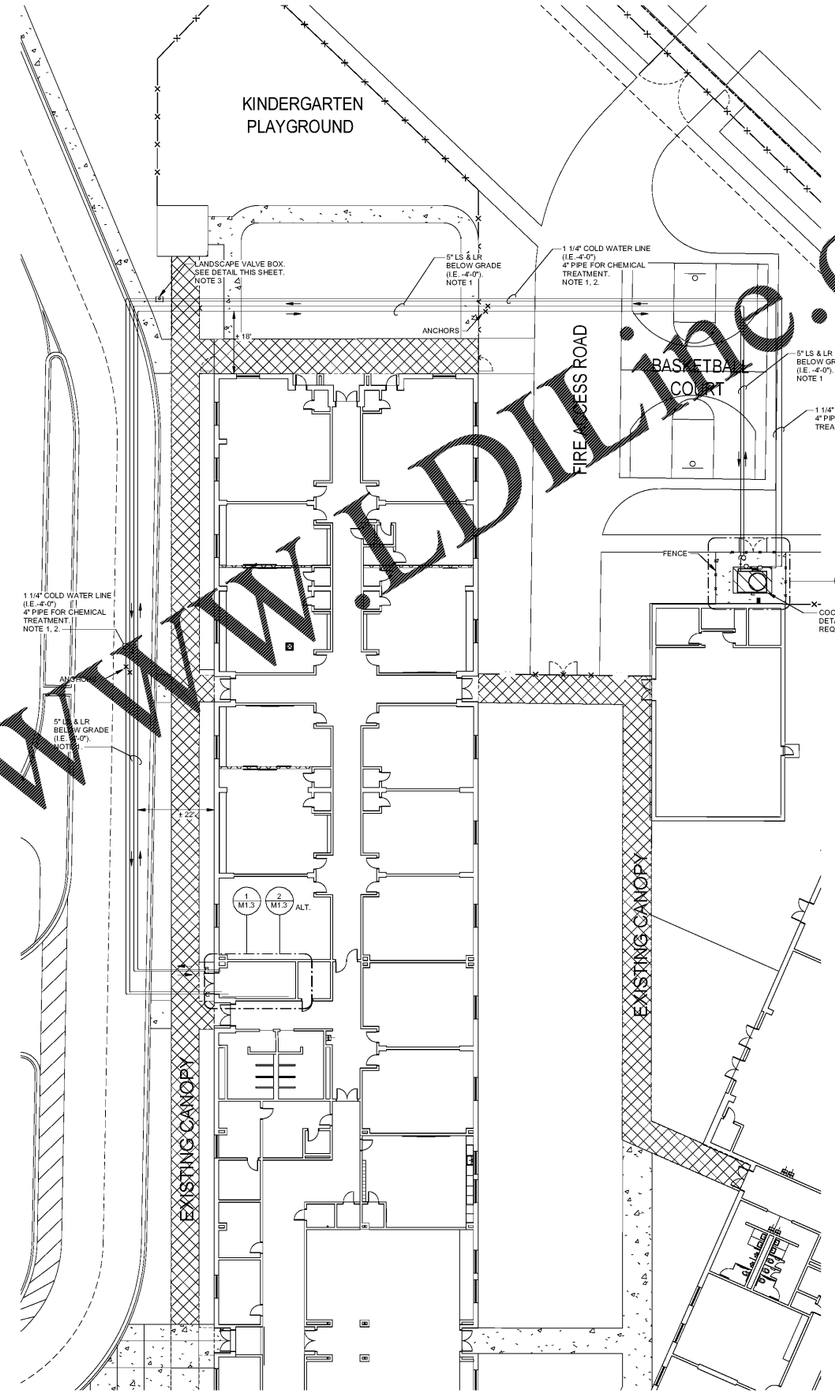
LANDSCAPE VALVE BOX DETAIL

NOT TO SCALE



2 SITE RENOVATION PLAN - HVAC - ENLARGED COOLING TOWER

SCALE: 3/8" = 1'-0"



1 SITE RENOVATION PLAN - HVAC

SCALE: 1/16" = 1'-0"

SITE RENOVATION NOTES

1. COORDINATE ROUTING WITH SITE UTILITIES. SEE CIVIL DRAWINGS.
2. PROVIDE 4" SCHEDULE 40 PVC PIPING FOR CHEMICAL TREATMENT TUBING.
3. PROVIDE 24"x16" COMMERCIAL LANDSCAPE VALVE BOX FOR ACCESS TO CHEMICAL TREATMENT TUBING. PROVIDE CLEAN OUT ON PIPING TO ACCESS CHEMICAL TREATMENT TUBING.
4. NOT USED
5. COORDINATE BEAM SIZE AND LENGTH WITH CONTRACTOR PROVIDING THE BEAMS. BEAMS SHALL BE PER THE COOLING TOWER MANUFACTURERS REQUIREMENTS.
6. COORDINATE LOCATION OF CHEMICAL TREATMENT PIPING WITH LOCATION OF CHEMICAL TREATMENT AT TOWER. SEE DETAIL THIS SHEET.
7. LOOP WATER PIPING AND COLD WATER PIPING TO BE INSULATED ABOVE GRADE AND TO 36"BELOW GRADE.
8. SEE ELECTRICAL DRAWINGS FOR THE NUMBER OF ELECTRICAL PANELS.

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RENOVATION SITE
PLAN AND BOILER
ROOM - HVAC

M1.2

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