



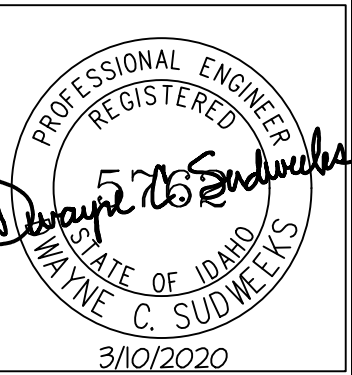
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COOLING TOWER HEAT EXCHANGER FOR:
MADISON Jr. HIGH SCHOOL
MADISON COUNTY SCHOOL DISTRICT #321 - REXBURG, IDAHO

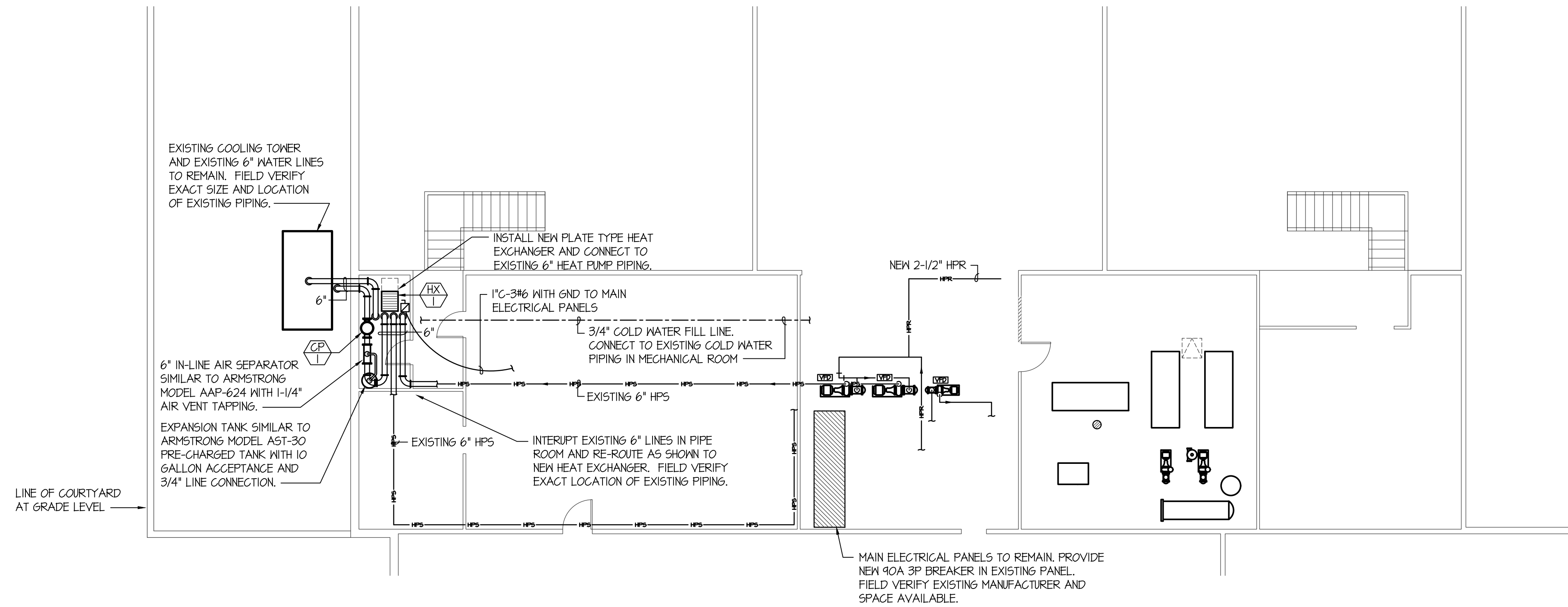
PARTIAL UPPER FLOOR PLAN & PIPING DIAGRAM

PROJECT:



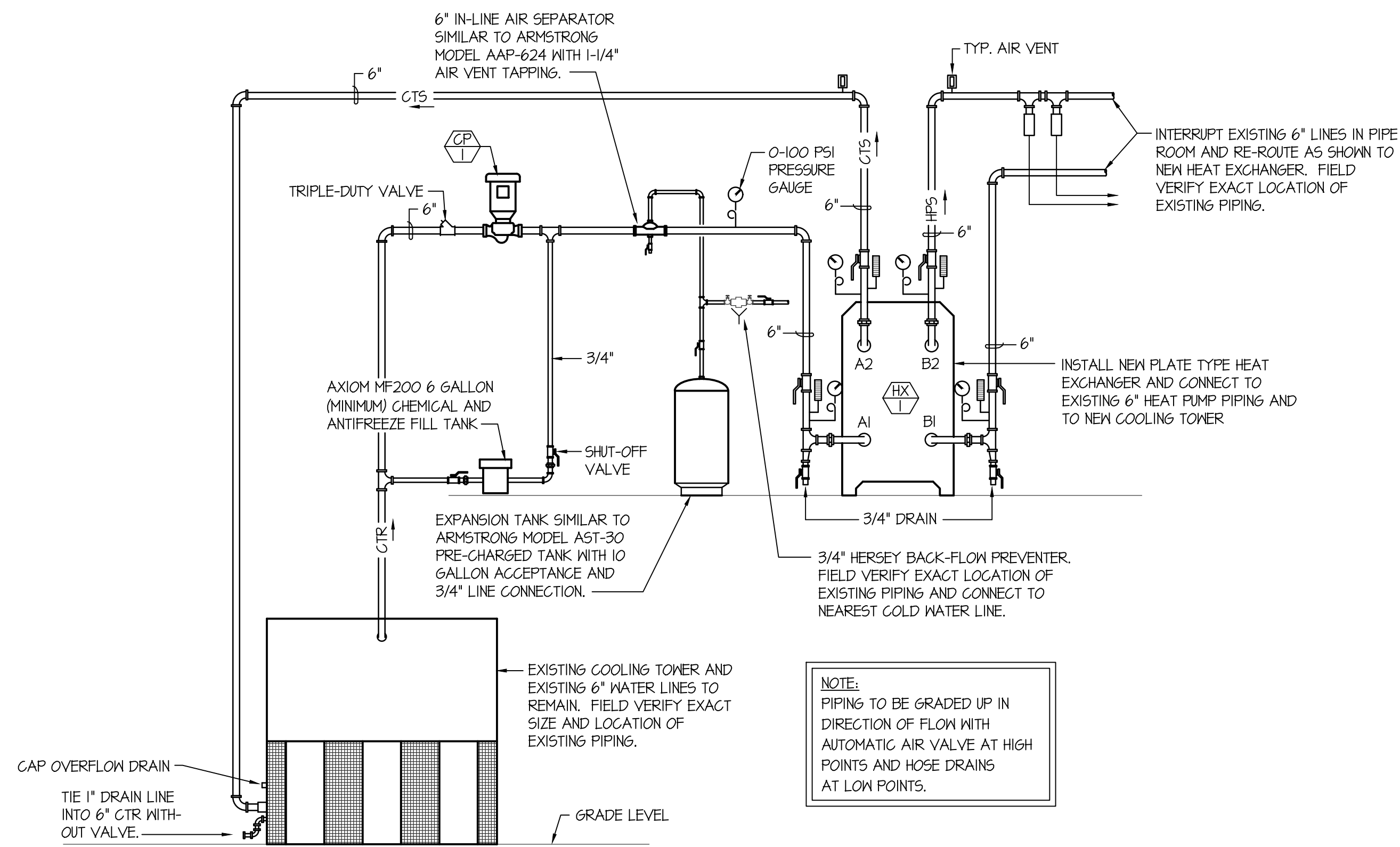
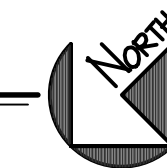
DRWN. BY: M. JENSEN
 CKD. BY: D. SUDWEEKS
 JOB NO. 12052
 DATE: MAR 2020

SHEET: **ME-1**
 OF: ONE



PARTIAL UPPER LEVEL FLOOR PLAN - MECHANICAL

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



COOLING TOWER PIPING DIAGRAM

NO SCALE

EQUIPMENT LIST	
SYMBOL	DESCRIPTION
	PLATE TYPE HEAT EXCHANGER - B46 MODEL P22 WITH 6" LINE CONNECTIONS. COOLING TOWER SIDE TO HAVE 40% GLYCOL MIX, 460 GPM FLOW, 45°F INLET TEMP., 75°F OUTLET TEMP., AND 5 PSI MAXIMUM PRESSURE DROP. HEAT PUMP SIDE TO HAVE 100% WATER, 575 GPM FLOW, 51°F INLET TEMP., 65°F OUTLET TEMP., AND 5 PSI MAXIMUM PRESSURE DROP.
	IN-LINE CIRCULATING PUMP - B46 SERIES 80, SIZE 5x5x9-1/2 WITH 5" LINE CONNECTIONS, 15 HORSEPOWER MOTOR WITH 208/60/3 POWER, 460 GPM FLOW AT 60' HEAD. (SIZED FOR 40% GLYCOL MIXTURE.) PROVIDE WALL MOUNTED COMBINATION STARTER/DISCONNECT.

