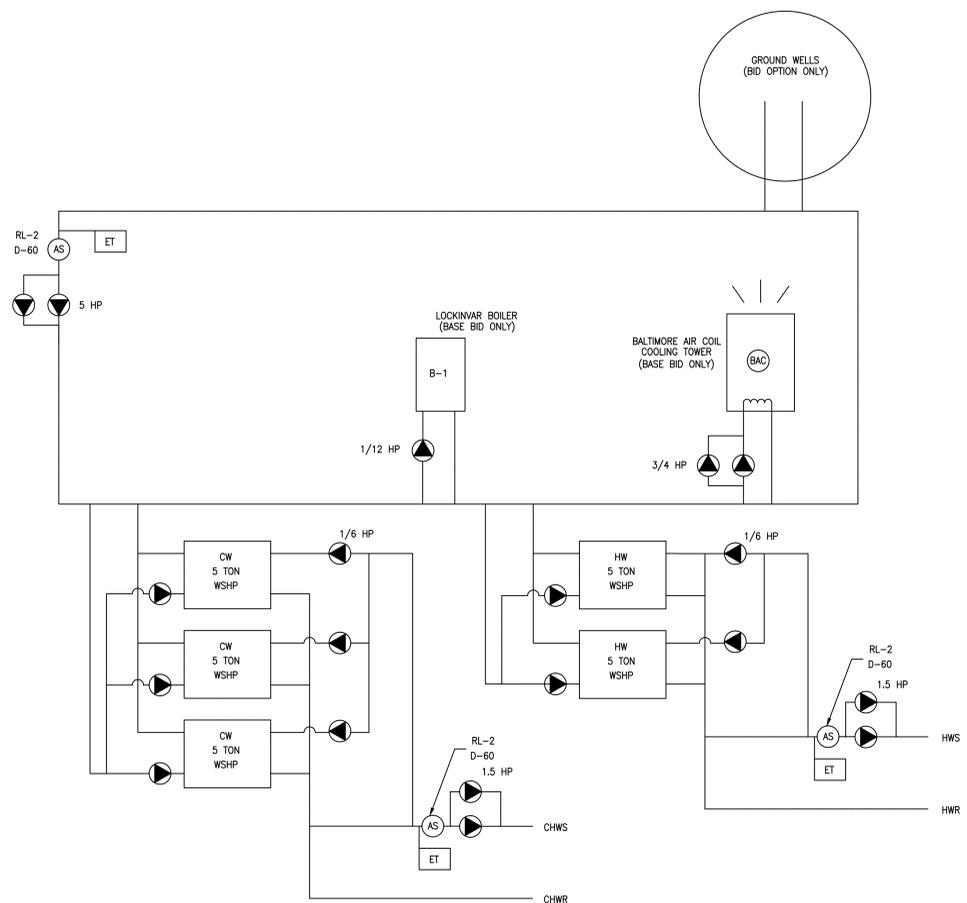


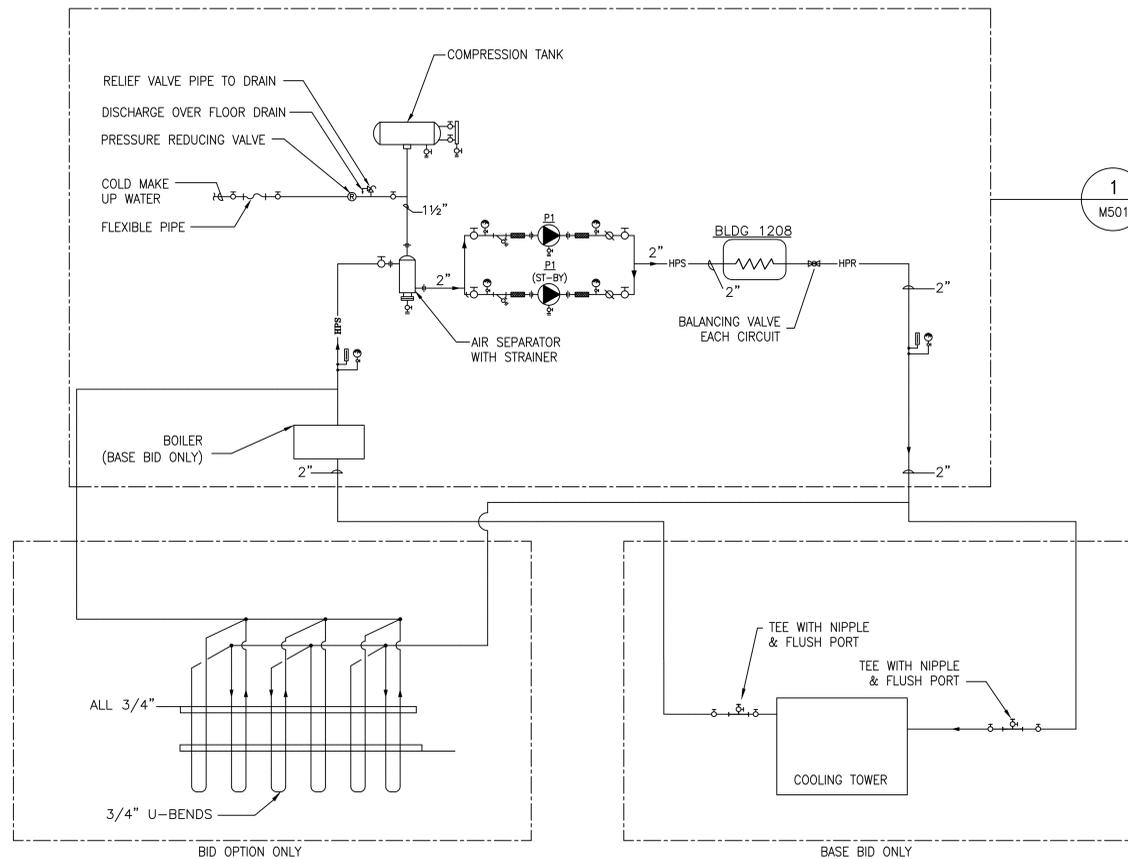
NOTE:

BASE BID DESIGN:
MECHANICAL COOLING TOWER AND BOILER SYSTEM WITH WATER TO WATER HEAT PUMPS, ASSOCIATED PUMPS, PIPING AND CONTROLS.

ALTERNATE BID DESIGN:
GEOTHERMAL SYSTEM WITH WATER TO WATER HEAT PUMPS, ASSOCIATED PUMPS, PIPING AND CONTROLS.



1 PACKAGE PIPING DIAGRAM
SCALE: NTS



EARTH COUPLED SYSTEM

COOLING TOWER SYSTEM

2 CONDENSER WATER PIPING DIAGRAM
SCALE: NTS

FINAL SUBMISSION
APRIL 18, 2012

IF SHEET IS LESS THAN (30"x42") IT IS
A REDUCED PRINT; SCALE ACCORDINGLY

M502



 766 MIDDLE ST., PANAMA, FL 32532 251-990-5778 ARCH. & ENGR. SEAL 	NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS SATISFACTORY TO DATE	P.W. DWG. NO.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND PANAMA CITY, FLORIDA
	SAFETY DEPARTMENT SATISFACTORY TO DATE	DRAWN BY R. LONDOÑO	PANAMA CITY JOINT OUTPATIENT CLINIC NAVAL GULF COAST HEALTH CARE MECHANICAL HVAC RISER DIAGRAM & DETAILS
	FIRE DEPARTMENT SATISFACTORY TO DATE	CHECKED BY R. DeLOACH	SUPERVISOR B. COFFMAN
	PUBLIC WORKS SUPERVISOR SATISFACTORY TO DATE	APPROVED DATE	SCALE

SIZE F	CODE IDENT. NO. N/A	NAVY FAC DRAWING NO.
PROJ. NO.	CONSTR. CONTR. NO.	SHEET 9 OF 12