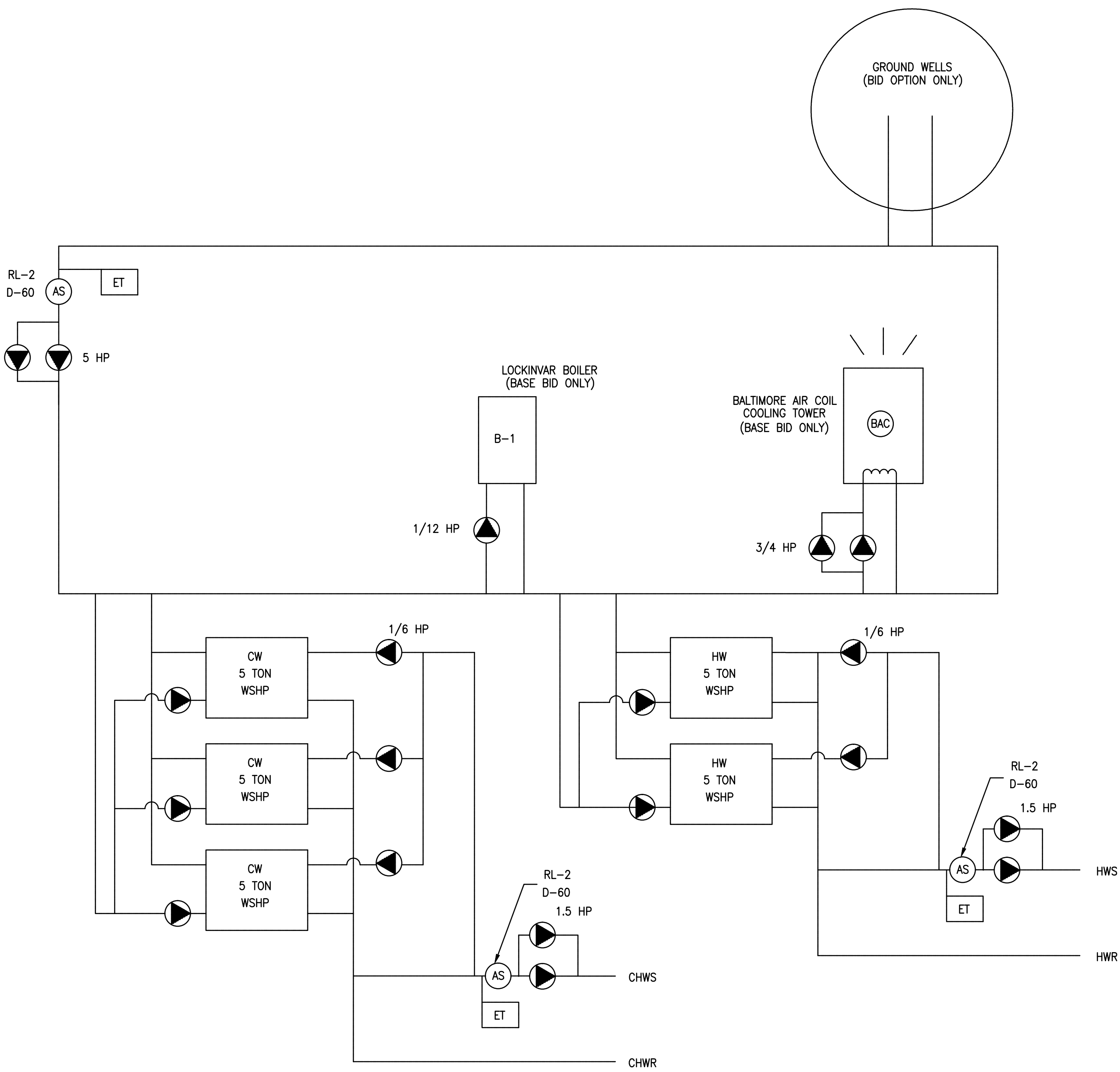


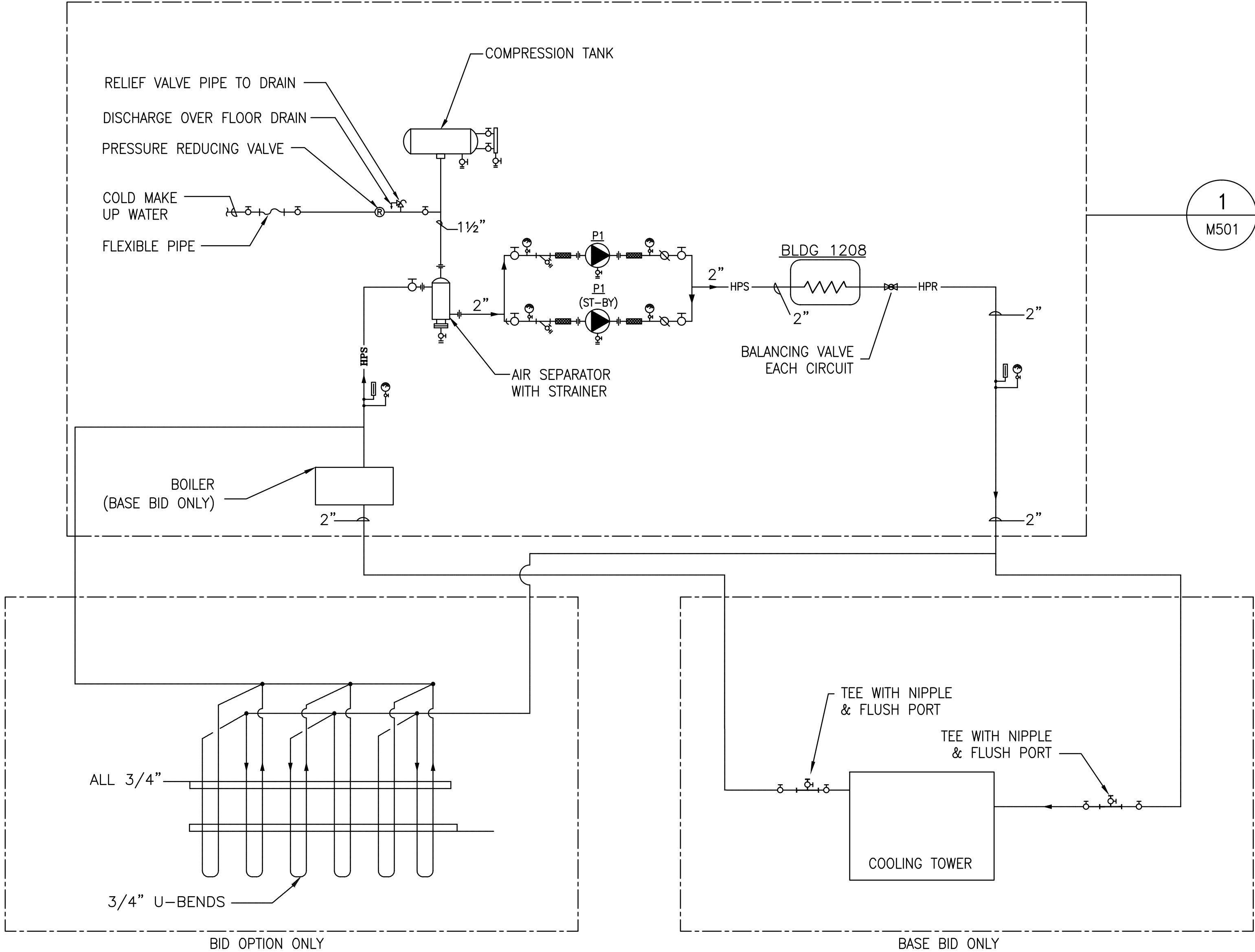
**NOTE:**

**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**  
M502  
**PACKAGE PIPING DIAGRAM**  
SCALE: NTS



**2**  
M502  
**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		<b>M502</b>	
 766 MIDDLE ST., PANAMA, FL 32502 251-990-5778 ARCH. & ENGR. SEAL		 R. LONDOÑO NO. 56537 FLORIDA STATE OF 2/1/06-2/1/10 PROFESSIONAL ENGINEER		 B. COFFMAN NO. 29795 FLORIDA STATE OF 2/1/06-2/1/10 PROFESSIONAL ENGINEER	
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	
FIRE DEPARTMENT SATISFACTORY TO DATE		CHECKED BY R. DeLOACH		MECHANICAL HVAC RISER DIAGRAM & DETAILS	
PUBLIC WORKS SUPERVISOR SATISFACTORY TO DATE		SUPERVISOR B. COFFMAN		N/A F A C DRAWING NO. N/A	
		APPROVED DATE		SIZE F	
		PUBLIC WORKS OFFICER		CONSTR. CONTR. NO. N/A	
				SCALE MACC.	
				T.O.# SHEET 9 OF 12	