

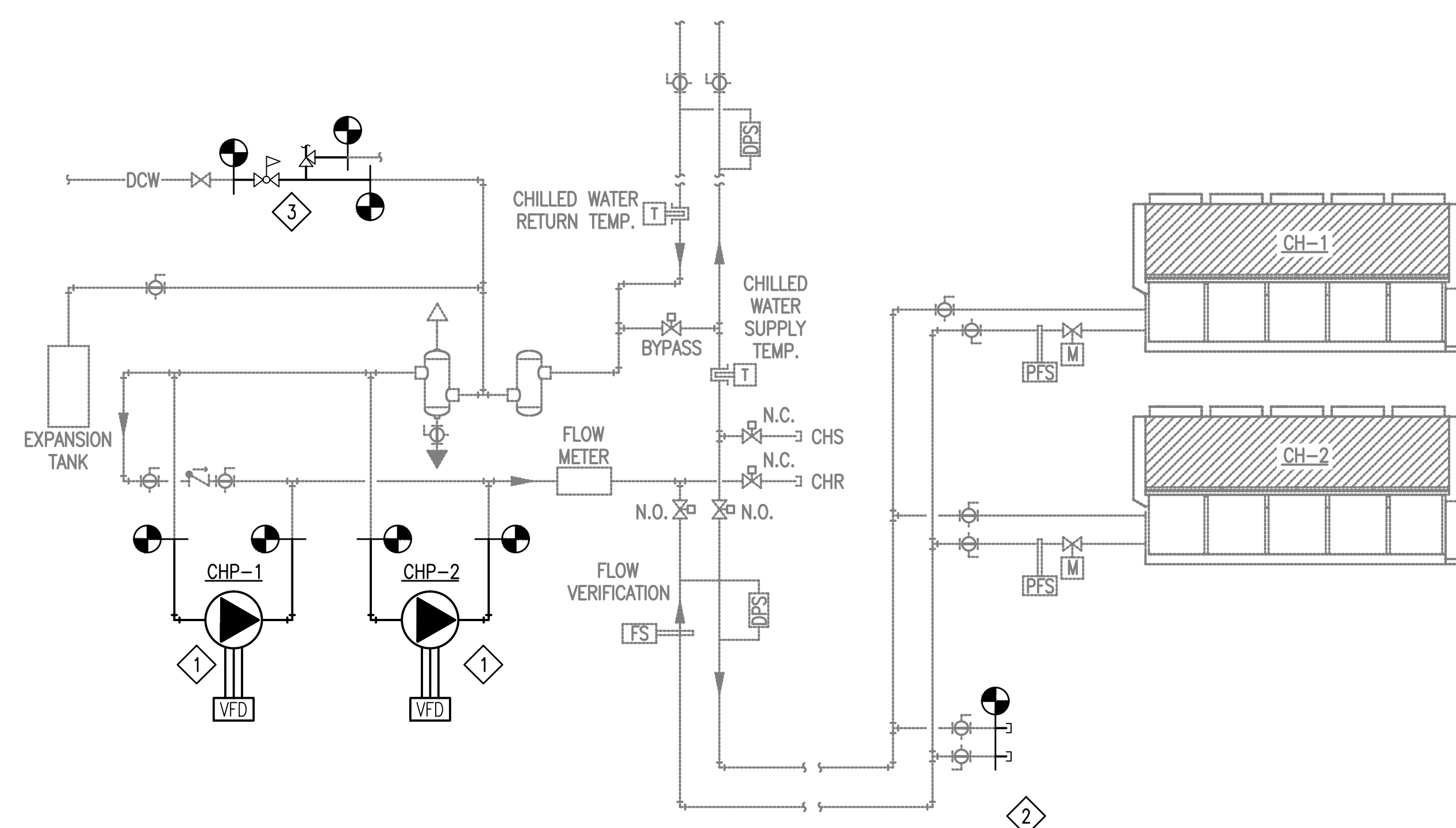
1. THE CONTRACTOR SHALL PLAN THE WORK REQUIRED TO UPGRADE AND MODIFY THE CHILLED WATER SYSTEM SO AS TO REDUCE OR ELIMINATE INCONVENIENCE TO THE OCCUPANTS OF THE BUILDING.
2. ANY REQUIRED CHILLED WATER SYSTEM SHUTDOWN TO COMPLETE THE WORK OF THIS PROJECT SHALL BE SCHEDULED WITH THE COR AND THE WORK SHALL BE COMPLETED AFTER 5 PM FRIDAY AND BEFORE 5 AM THE FOLLOWING MONDAY.
3. FOR EACH SHUTDOWN AND CONTRACTOR SHALL PROVIDE A WORK PLAN FOR APPROVAL. THE WORK PLAN SHALL INDICATE THE WORK TO BE COMPLETED AND THE PROPOSED PERSONNEL MANNING LEVEL REQUIRED TO COMPLETE THE WORK BETWEEN 5 PM FRIDAY AND 5 AM MONDAY.

(DEMOLITION ONLY)

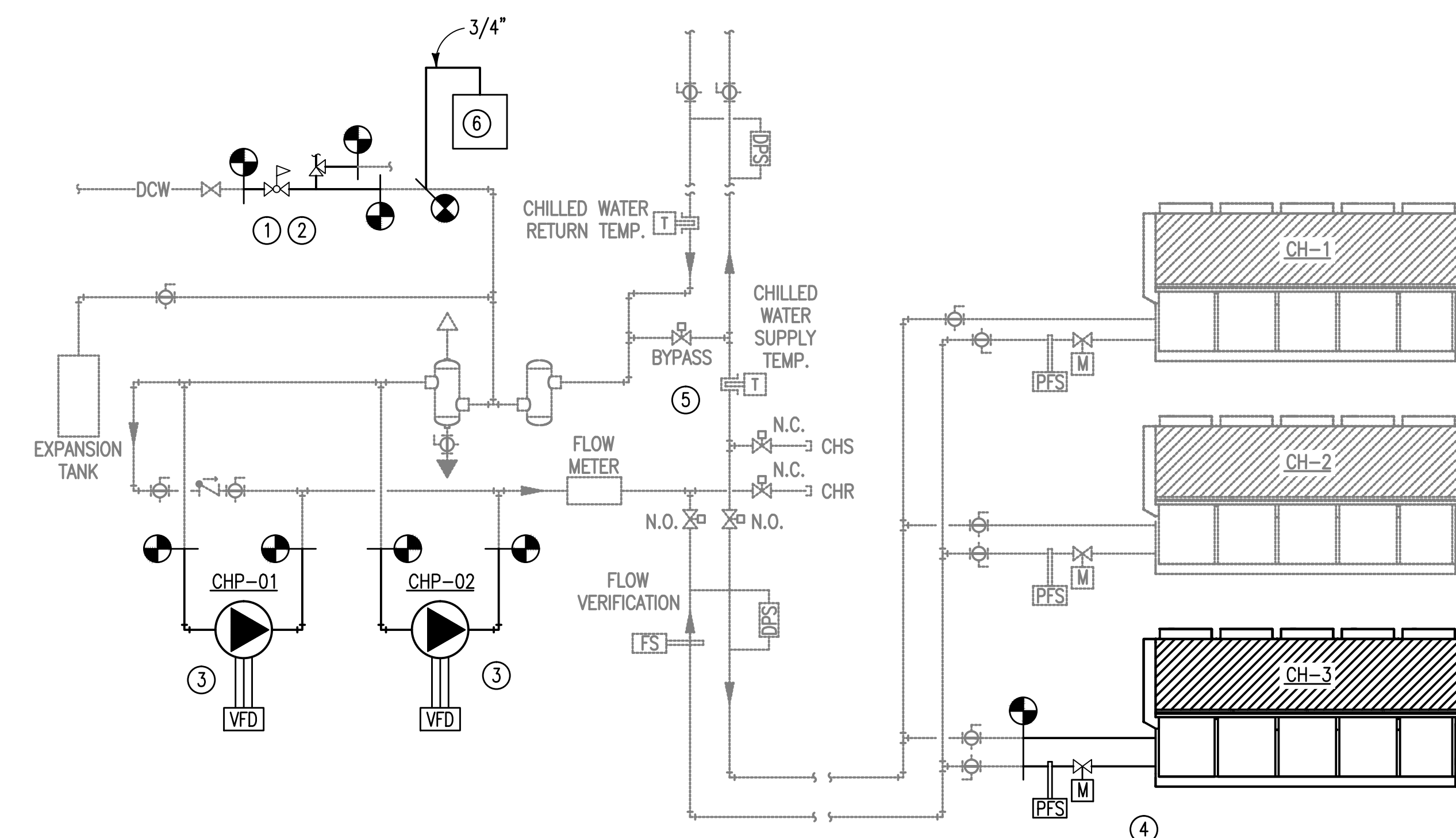
- 1 SCHEDULE SHUTDOWN AS REQUIRED AND REMOVE EXISTING CHILLED WATER EXTENTS NECESSARY TO ALLOW INSTALLATION OF NEW PUMPS.
- 2 SCHEDULE SHUTDOWN AND PREPARE EXISTING PIPING FOR INSTALLATION OF NEW CHILLERS.
- 3 REPLACE CHILLED WATER SYSTEM FILL VALVE AND RELIEF VALVE.

(NEW WORK ONLY)

- ① REPLACE AUTOMATIC FILL VALVE WITH NEW VALVE HAVING A SET PRESSURE OF 45 PSIG.
- ② REPLACE CHILLED WATER RELIEF VALVE WITH NEW VALVE HAVING A RELIEF SETTING OF 60 PSIG.
- ③ DURING SCHEDULE SHUTDOWN PROVIDE NEW PUMPS AS SCHEDULED, DETAILED, AND SPECIFIED.
- ④ DURING SCHEDULED SHUTDOWN PROVIDE NEW CHILLER AS SCHEDULED, DETAILED, AND SPECIFIED.
- ⑤ CLOSE/TAG/AND LOCK OUT BYPASS VALVE.
- ⑥ PROVIDE ADDITIONAL EXPANSION TANK ET-04 AS SCHEDULED. EXISTING EXPANSION TANK TO REMAIN IN SERVICE.



**CHILLED WATER SYSTEM  
PIPING SCHEMATIC – DEMOLITION**  
SCALE: NONE



CHILLED WATER SYSTEM  
PIPING SCHEMATIC - NEW WORK  
SCALE: NONE

[illegible]

**APPLIED ENGINEERING  
SOLUTIONS**  
440 Martin Luther King, Jr. Blvd., Suite 401  
Macon, Georgia 31201  
Phone: (478) 314-1270 - Fax: (478) 314-1271  
[www.aes-pe.com](http://www.aes-pe.com)



TOLAND  
MIZELL  
MOLNAR

590 Means Street NW, Suite 200  
Atlanta, GA 30318  
404.214.9774

CHILLED WATER SYSTEM PIPING SCHEMATIC - MECHANICAL

Approved: Project Director

EXPAND RADIOLOGY AND SPS  
OVERTON BROOKS VAMC

Date:

Checked:	
----------	--

Drawn:

M506

Dwg. 129 of 160

OFFICE OF  
CONSTRUCTION  
AND FACILITIES  
MANAGEMENT



FINAL SUBMITTAL