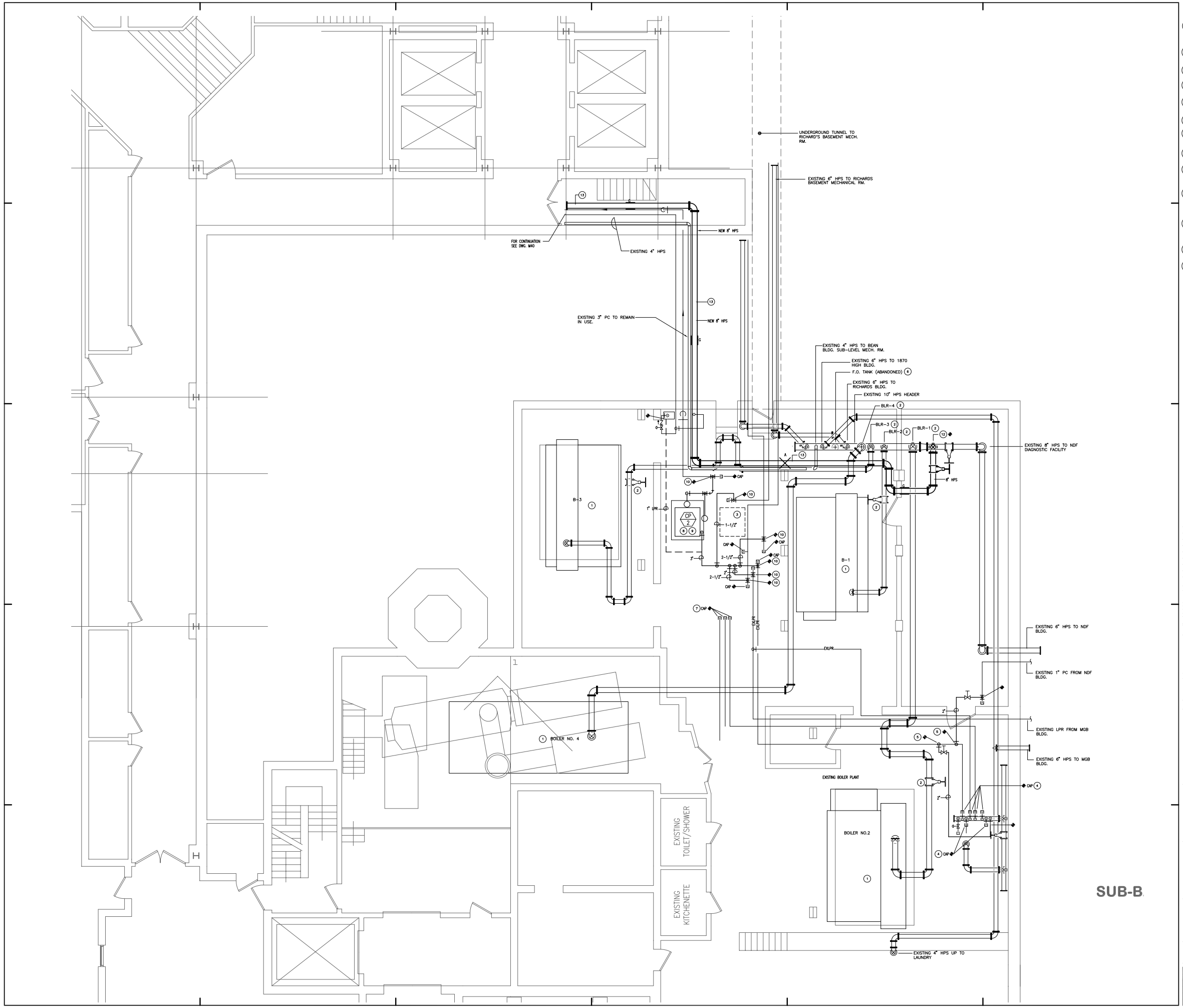


General Notes:

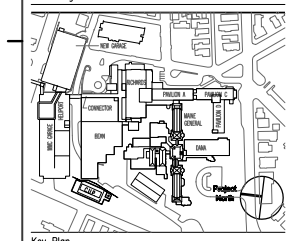
1. AFTER NEW CENTRAL UTILITY PLANT IS CONSTRUCTED, COMMISSIONED AND FULLY OPERATIONAL, THE EXISTING BOILERS ELECTRICAL POWER SHALL BE DISCONNECTED AND PERMANETLY DECOMMISSIONED.
2. CLOSE ALL EXISTING BOILER GATE VALVE SHUT-OFF AND PERMANETLY LOCK VALVE CLOSED WITH CHAIN AND LOCK. PROVIDE LABELING TO INDICATE.
3. REMOVE EXISTING CONDENSATE PUMP AND RECEIVER TANK AND ALL APPARTENENCES.
4. CONNECT TO EXISTING ACTIVE LPR RETURN PIPING AND PIPING INTO NEW 2" LPR. CAP ALL LPR AND PC PIPING TO CONDENSATE HEADER.
5. CONNECT NEW 2" LPR TO EXISTING 3" AND USE EXISTING TO CARRY CONDENSATE BACK TO NEW CONDENSATE TANK/RECEIVER.
6. REMOVE EXISTING FUEL OIL TANK HPS CONNECTION TO HEADER.
7. REMOVE FUEL OIL HEATER, STEAM CONDENSATE, FUEL OIL LINES AND APPURTENENCES. CAP FUEL LINES AS SHOWN PRIOR TO INSTALLATION OF NEW CONDENSATE PUMP/RECEIVER.
8. INSTALL CP-2 ON 4" HIGH CONCRETE PAD.
9. THE INSTALLATION OF CP-2 SHALL BE COORDINATED WITH CM PHASING SCHEDULE; AND SCHEDULED SHUT DOWN OF EXISTING BOILER PLANT TO ACCOMODATE NEW PIPING CONNECTIONS.
10. CONNECT NEW CONDENSATE PIPING TO EXISTING LPR AND PC AND PIPING INTO 3" CONDENSATE HEADER TO NEW CP-2. COORDINATE WITH CM PHASING SCHEDULE AND SCHEDULED SHUT DOWN OF EXISTING BOILER PLANT.
11. REMOVE EXISTING 6" HPS PIPING COMPLET FROM EXISTING HEADER AND DOWN BEAN SUG-LEVEL 1 CORREIOR DIRECTLY ADJACENT TO (4) ELEVATOR BANK. CLOSE EXISTING 6" VALVE AND BLIND FLANGE.
12. CONNECT NEW 8" HPS TO EXISTING 10" HPS HEADER.
13. INSTALL NEW 8" HPS PIPING FROM HEADER DOWN TO BEAN SUB-LEVEL 1 CORRIDOR ELEVATOR LOBBY IN THE LOCATION WHERE THE 6" HPS WAS REMOVED.

1. DISCONNECT EXISTING 6" HPS, BLIND FLANGE END THAT LEADS TO EXISTING BOILER PLANT. CONNECT NEW 6" HPS TO EXISTING 6" HPS RISER.
2. REMOVE EXISTING 6" HPS PIPING BACK TO EXISTING BOILER PLANT HEADER, CLOSE VALVE, AND BLIND FLANGE. NEW 8" HPS MAIN TO BE INSTALLED IN LOCATION WHERE 6" IS REMOVED.
3. CONNECT NEW 3" PC WITH A TEE TO THE EXISTING 3" PC.
4. 16" SCHWS & SCHWR FROM NEW CENTRAL UTILITY PLANT.
5. 12" HPS & 6" PC FROM NEW CENTRAL UTILITY PLANT.
6. FOR CONTINUATION OF PIPING SEE CHARLES ST. PROJECT DWG. H405.
7. NOT USED.
8. NOT USED.
9. 8" HPS & 4"PC TO BEAN SUB-BASEMENT MECHANICAL ROOM; FOR CONTINUATION SEE CHARLES ST. PROJECT DWG. H405.
10. NOT USED.
11. SEE CHARLES ST. PROJECT DD DOCUMENTS DWG. H405 FOR WORK WITHIN BEAN BUILDIUNG SUB-BASEMENT MECHANICAL ROOM.
12. EXISTING 600 HP FIRETUBE BOILER; 1998 INSTALLATION. TO REMAIN OPERATIONAL UNTIL NEW BOILER PLANT IS IS CONTRUCTED, OPERATIONAL, AND FULLY COMMISSIONED. ONCE THE NEW CENTRAL UTILITY PLANT IS FULLY COMMISSIONED THE EXISTING BOILERS SHALL BE DE-COMMISSIONED.
13. EXISTING INDUSTRIAL WATERTUBE HIGH PRESSURE STEAM BOILERS TO REMAIN OPERATIONAL UNTIL NEW CENTRAL UTILITY PLANT IS IS CONTRUCTED, OPERATIONAL, AND FULLY COMMISSIONED. ONCE THE NEW CENTRAL UTILITY PLANT IS FULLY COMMISIONED THE EXISTING BOILERS SHALL BE DE-COMMISSIONED.
14. NEW 8" HPS AND 3" PC PIPING INSTALLED ABOVE THE CEILING OF EXISTING BEAN BUILDING SPACES. PROVIDE REMOVAL AND RE-INSTALLATION OF CEILING TILES AND CORING FOR WALL PENETRATIONS. CONTRACTOR SHALL FIELD VERIFY ENTIRE ROUTING PRIOR TO START OF PIPING FABRICATION.
15. NEW CONDENSATE RECEIVER. TO PUMP CONDENSATE BACK TO NEW CENTRAL UTILITY PLANT.

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/24/04	PERMIT SET – NOT FOR CONSTRUCTION

FOR PERMIT ONLY - NOT FOR CONSTRUCTION

Issue Log



Key Plan

TRO
Architecture
Planning
Engineering
Interior Design
The Fitzgibbon Organization
60 Bridge Street
Newton, MA 02465-1334
617-558-9400

Maine Medical Center
Central Utility Plant
Portland, Maine

Drawing Title
MECHANICAL-EXISTING BOILER ROOM PIPING PLAN

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Commission No.	4677	Date Issued	
Scale	1/4"=1'-0"	Sheet Number	M405
Drawn By	MC		
Approved By	MC		
Filename	4677MPF-OSB-48		

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