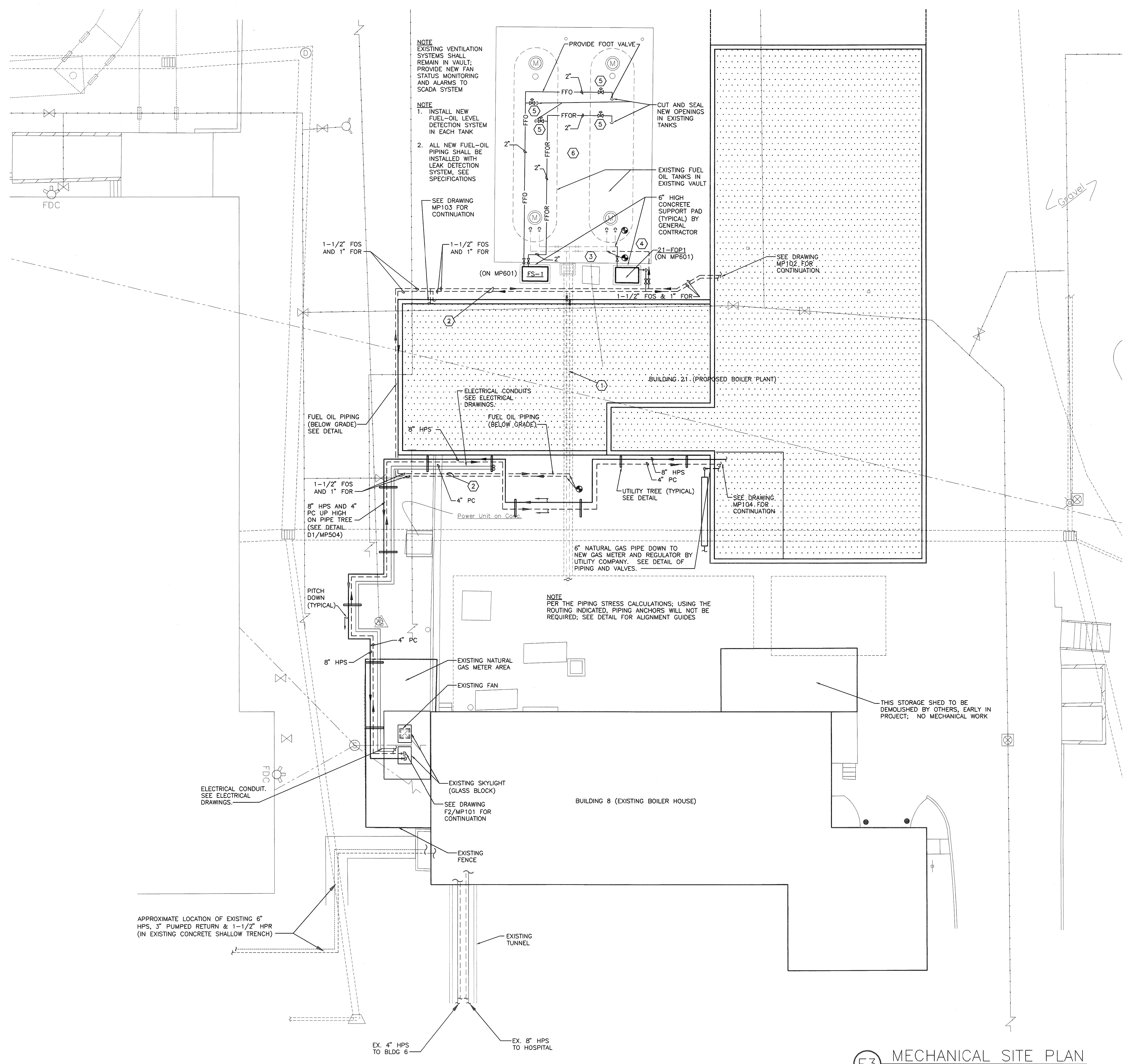


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



GENERAL NOTES

A. REFER TO DRAWING MP001 FOR TYPICAL SYMBOLS AND ABBREVIATIONS USED ON THIS DRAWING.

B. ALL BRANCH PIPING TEES IN STEAM PIPING SHALL COME FROM TOP OF MAIN STEAM PIPE.

C. ALL STEAM AND CONDENSATE PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH ASTM B 31.

DRAWING KEYNOTES

1. REMOVE ALL EXISTING FUEL OIL PIPING BELOW SLAB OF NEW BUILDING. VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF EXISTING PIPE.

2. COORDINATE ROUTING OF FUEL OIL LINES AND UTILITY TREE SUPPORT WITH EXISTING UNDERGROUND UTILITIES.

3. PROVIDE NEW 1-1/2" FUEL OIL SUPPLY AND 1" FUEL OIL RETURN VALVES FROM EXISTING PIPES TO FUEL OIL PUMP AND TO TANK RETURN PIPES.

4. CONNECT NEW 1-1/2" FUEL OIL SUPPLY AND 1" FUEL OIL RETURN TO EXISTING 1-1/2" FUEL OIL SUPPLY AND 1" FUEL OIL RETURN PIPE. VERIFY EXACT SIZE AND LOCATION IN FIELD.

5. SOLENOID VALVES PROVIDED BY FUEL FILTER VENDOR.

6. FIELD ROUTE 2" FILTER FUEL OIL (FFO) AND FILTERED FUEL OIL RETURN (FFOR) PIPING IN EXISTING VAULT. CONNECT TO EXISTING TANKS. ENTER THROUGH WALL AND SEAL VAULT PENETRATION. SEE PIPING SCHEMATIC ON DRAWING MP705.

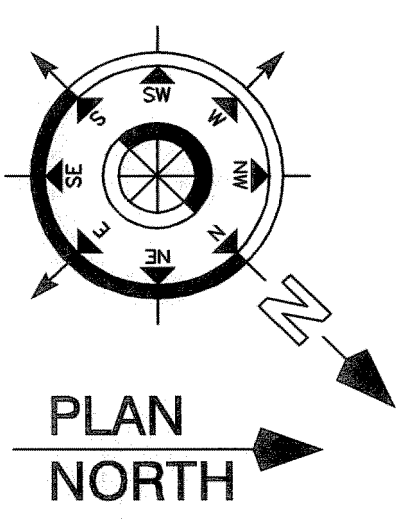
PHASING NOTES

1. RE-ROUTE EXISTING FUEL OIL PIPING EARLY IN PROJECT, AS DIRECTED BY COTR. PROVIDE MINIMAL DOWN-TIME AND NIGHT AND/OR WEEKEND WORK AS REQUIRED AND DIRECTED BY COTR.

COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS. DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES. EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPIDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OF OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COTR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

F3 MECHANICAL SITE PLAN
SCALE: 1" = 10'-0"



REVISIONS			Department of Veterans Affairs William Jennings Bryan Dorn VA Medical Center 6439 Garners Ferry Road Columbia, SC 29209		Architect/Engineer Address Harrell, Saltrick & Hopper Design & Management Solutions for the Built Environment 8016 TOWER POINT DRIVE CHARLOTTE, NC 28227 P 704.814.1300 F 704.321.0833 WWW.HSHPC.COM COPYRIGHT © 2011 HARRELL, SALTRICK & HOPPER, PC HSH PROJECT # 11015	Recommended Approvals:		Drawing Title MECHANICAL SITE PLAN	Project Title REPLACE BOILER PLANT/ COGEN/CHP	Date APRIL 10, 2012						
						1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER	2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER	3. CHIEF OF STAFF		8. SAFETY MANAGER	4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	5. SERVICE LINE MGRS.	10. COTR