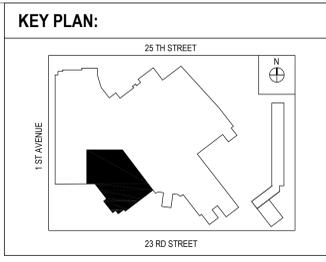


M MECHANICAL REFERENCE PLAN - GROUND FLOOR
SCALE: 1/8" = 1'-0"



- GENERAL NOTES:**
- ALL DIVISION 23 WORK SHALL BE COORDINATED WITH THAT OF OTHER DIVISIONS. OFFSETS IN PIPING AND DUCTS (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST.
 - ALL MECHANICAL EQUIPMENT, DUCTWORK, PIPING ETC. SHALL BE SUPPORTED AS DETAILED OR AS SPECIFIED. SUPPORTS SHALL BE PROVIDED AS REQUIRED TO ENSURE A VIBRATION FREE INSTALLATION.
 - CONTRACT DOCUMENT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
 - UNLESS NOTED OTHERWISE, ALL MISCELLANEOUS STEEL REQUIRED FOR INSTALLATION OF DIVISION 15 PIPING, DUCTWORK, AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 23 OF THE SPECIFICATIONS.
 - ALL EQUIPMENT, DUCTWORK AND PIPING INSTALLED ABOVE LAY-IN ACOUSTICAL CEILINGS SHALL BE INSTALLED SO THAT CEILING TILES CAN BE REMOVED.
 - ALL DUCTWORK, PIPING AND EQUIPMENT SUSPENDED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER. PROVIDE BEAM CLAMPS MEETING MANUFACTURER'S STANDARDIZATION SOCIETY (MSS) STANDARDS. WELDING TO STRUCTURAL MEMBERS SHALL NOT BE PERMITTED. USE OF C-CLAMPS SHALL NOT BE PERMITTED.
 - WHERE SPACE IS LIMITED, ADEQUATE CLEARANCE SHALL BE PROVIDED BETWEEN PIPING, DUCTWORK, EQUIPMENT, CEILINGS, UNDERSIDES OF BEAMS, RECESSED FIXTURES, AND OTHER INTERFERENCES. ADEQUATE CLEARANCE SHALL BE PROVIDED FOR INSTALLATION OF INSULATION.
 - PROVIDE SUFFICIENT CLEARANCE AT MECHANICAL AND ELECTRICAL EQUIPMENT TO MEET ALL CODES, TO ALLOW ACCESS FOR NORMAL MAINTENANCE AND TO ALLOW COMPONENT REMOVAL OR REPLACEMENT.
 - REFER TO ARCHITECTURAL FLOOR PLANS FOR WALL CONSTRUCTION.
 - AIR VENTS SHALL BE PROVIDED AT ALL HIGH POINTS IN PIPING SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS IN PIPING SYSTEMS.
 - ALL PIPING TAKE-OFFS FROM MAINS SHALL BE WITH DOUBLE ELBOW SWING JOINT ARRANGEMENT.
 - STEAM LINES SHALL BE PROVIDED WITH STEAM TRAPS AND DRIP LINES PER DIVISION 23 SPECIFICATIONS.
 - ALL CONDENSATE PIPING ABOVE CEILING SHALL BE ROUTED AS HIGH AS POSSIBLE AND SLOPED A MINIMUM OF 1% PER 100 FEET TO DRAIN.

- KEYED NOTES:**
- COORDINATE TEMPORARY SHUTDOWN OF STEAM SERVICE TO INSTALL A NEW 1" CONNECTION WITH 6" BRANCH WITH VAMC. CONNECTION FOR 6" LINE SHALL FACE UP.
 - RUN NEW STEAM LINE AS HIGH AS POSSIBLE.

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

NO.	REVISION 1	DATE
1	REVISIONS	6/13/2014

CONSULTANTS:

ARCHITECT/ENGINEERS:

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Drawing Title
MECHANICAL REFERENCE PLAN

Approved: Project Director

Project Title
VA NY HARBOR HEALTHCARE SYSTEM
MANHATTAN CAMPUS GROUND FLOOR PHASE 1B
STERILE PROCESSING SUITE

Location
423 E 23RD STREET, NEW YORK, NY 10010 -

Date
06/13/2014

Checked
MLS

Drawn
MLS

Project Number
219359

Building Number
6

Drawing Number
MH100

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