

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

DOMESTIC WATER CALCULATION			
FIXTURE	QUANTITY	FIXTURE UNITS	SUB-TOTAL
WATER CLOSET	5	5	25
LAVATORY	5	.8	4
SINK	23	2	46
MOP SINK	1	3	3
TOTAL			84

NOTE:
 FIXTURE UNIT VALUES TAKEN FROM PLUMBING DESIGN MANUAL
 DEPARTMENT OF VETERANS AFFAIRS.

CONTRACTOR SHALL ATTACH MINIMUM 3'-0" LONG X 2" WIDE BLUE PLASTIC STREAMER TO EACH VALVE, LOCATED ABOVE CEILING. STREAMER SHALL EXTEND TO 8'-0" ABOVE FINISHED FLOOR. NO PIPING, DUCTWORK, CONDUIT, OR SIMILAR EQUIPMENT SHALL BE MOUNTED UNDER OR OTHERWISE OBSTRUCT ACCESS TO VALVES. STREAMER SHALL REMAIN IN PLACE UNTIL ABOVE CEILING INSPECTION IS COMPLETED AND DIRECTED TO REMOVE STREAMER BY COTR.

SHEET KEYNOTES

- PROVIDE FREEZEPROOF YARD HYDRANT. COORDINATE EXACT LOCATION WITH MECHANICAL UNIT, DUCTWORK AND EXISTING STORM SEWER PIPING.
- DROP 2" CW DOWN INTO CRAWL SPACE BELOW BEAM AND ROUTE TO FREEZEPROOF YARD HYDRANT. PROVIDE SLEEVE IN EXTERIOR WALL BELOW GRADE AND SEAL WATER TIGHT.
- PRE-FILTER ASSEMBLY FOR SCOPE WASHERS. PRE-FILTER ASSEMBLY PROVIDED BY SCOPE WASHER MANUFACTURE AND INSTALLED BY PLUMBING CONTRACTOR. FINAL CONNECTION TO SCOPE WASHER BY SCOPE WASHER REPRESENTATIVE.
- MIXING VALVE MV-2 FOR SCOPE WASHER SUPPLY PROVIDED BY PLUMBING CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR. CONNECT TEED WATER TO INLET SIDE OF PRE-FILTER ASSEMBLY. INLET TEMPERATURE TO MIXING VALVE 110° F WITH A LEAVING TEMPERATURE OF 100° F. COORDINATE EXACT MOUNTING LOCATION WITH SCOPE WASHER REPRESENTATIVE AND COTR.
- WATER SOFTENER SYSTEM FOR HOT AND COLD WATER SUPPLY FOR SCOPE WASH MACHINES.
- NO PIPING SHALL BE ROUTED IN OR THRU ELECTRICAL ROOMS OR LT. CLOSETS.
- COORDINATE LOCATION OF ICE MAKER BOX WITH CASEWORK AND EXISTING ICE MAKER. SEE ARCHITECTURAL ELEVATION ON SHEET A-202 FOR MOUNTING.
- PROVIDE FLEX CONNECTIONS IN DOMESTIC WATER LINES AT BUILDING EXPANSION JOINT.

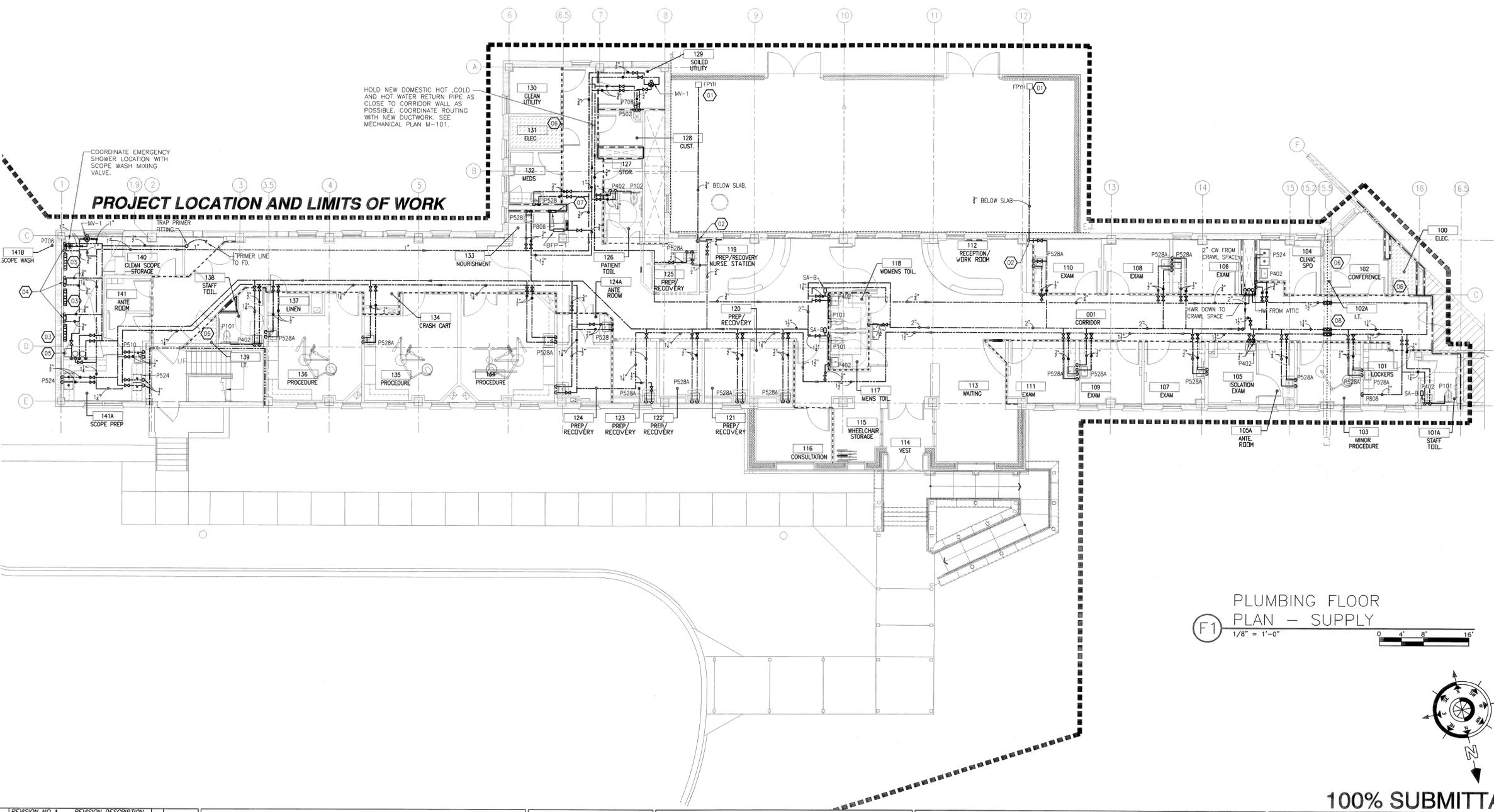
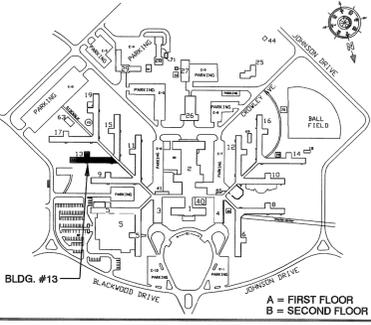
COORDINATION DRAWINGS

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 IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OR 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.

TYPICAL SYMBOLS

- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED.
- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN.
- NEW WALL
- SMOKE TIGHT WALL
- 1-HOUR FIRE RATED WALL
- 2-HOUR FIRE RATED WALL
- 1 HOUR FIRE SMOKE RATED WALL
- PROJECT LIMITS OF WORK
- NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.

KEY PLAN



PLUMBING FLOOR PLAN - SUPPLY
 1/8" = 1'-0"

100% SUBMITTAL

REVISION NO.	REVISION DESCRIPTION	By	Date

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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL SAFETY MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title	PLUMBING FLOOR PLAN - SUPPLY
Project Title	RENOVATE 13A FOR ENDOSCOPY SUITE
Building Number	
AutoCAD File Name	
Const. Contract No.	

Date	June 10, 2011
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DRAWING No.	P-102

