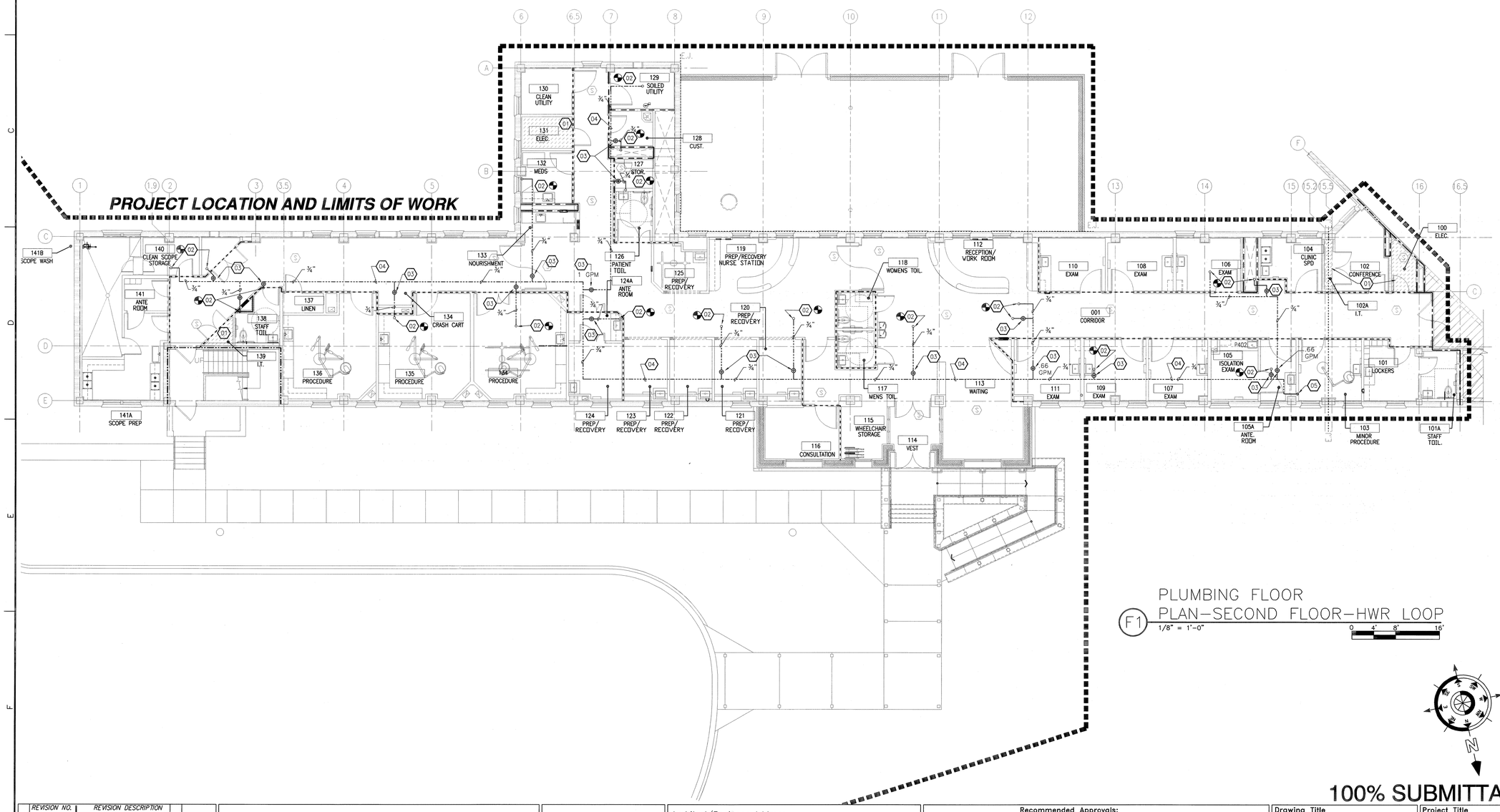
CONTRACTOR SHALL ATTACH MINIMUM 3'-0" LONG X 2" WIDE BLUE PLASTIC STREAMER TO EACH VALVE LOCATED ABOVE CEILING. STREAMER SHALL EXTEND TO 8'-0" ABOVE FINISHED FLOOR. NO PIPING, DUCTWORK, CONDUIT, OR SIMILAR EQUIPMENT SHALL BE MOUNTED UNDER OR OTHERWISE OBSTRUCT ACCESS TO VALVES. STREAMER SHALL REMAIN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




PLUMBING FLOOR PLAN–SECOND FLOOR–HWR LOOP

F1 1/8" = 1'-0"

0 4' 8' 16'

## SHEET KEYNOTES (X)

01. NO PIPING SHALL BE ROUTED IN OR THRU ELECTRICAL ROOMS OR I.T. CLOSETS.

02. CONNECT NEW DOMESTIC HOT WATER RETURN TO EXISTING HOT WATER PIPE AT 1ST FLOOR CEILING SPACE. VERIFY EXACT SIZE AND LOCATION OF EXISTING DROPS IN FIELD.

03. NEW BALANCING VALVE. LOCATION OF VALVES SHALL BE COORDINATED WITH ALL NEW PIPE, DUCTWORK, ELECTRICAL CONDUITS, AND LIGHT FIXTURES. VALVES MUST REMAIN ACCESSIBLE. VALVES SHALL BE AUTOMATIC BALANCING TYPE. SET VALVE AT .33 GPM EACH UNLESS NOTED OTHERWISE.

04. NEW PIPING SHOWN IS FOR NEW HOT WATER RETURN TO SERVE THE 2ND FLOOR. RETURN PIPING SHOW SHALL BE INCORPORATED INTO THE COORDINATION DRAWINGS.

05. 3/4" HOT WATER RETURN DOWN INTO CRAWL SPACE. SEE SHEET P-105 FOR CONTINUATION.

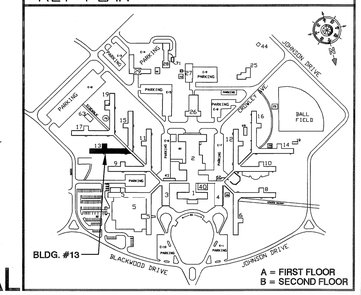
## COORDINATION DRAWINGS

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 1/8" = 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 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.

## 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

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100% SUBMITTAL

| REVISION NO. | REVISION DESCRIPTION | By | Date |
|---|---|---|---|
| | | | |

Revisions

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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 - SECOND FLOOR-HWR LOOP

FULLY SPRINKLERED

Project Title: RENOVATE 13A FOR ENDOSCOPY SUITE

Date: June 10, 2011

Project Number: 557-10-108

DRAWING No. P-106

Drawn | Building Number | AutoCAD File Name | Checked | Reviewed | Const. Contract No.

Veterans Affairs