

ROOM SCHEDULE	
2B-04	BRONCHOSCOPY
2C-01	WAITING
2C-05	RECEPTION
2C-06	EXAM ROOM
2C-06A	TOILET
2C-07	PROCEDURE ROOM
2C-08	TOILET
2C-10	CYSTOSCOPIC SURGERY
2C-11	PROCEDURE ROOM
2C-12	EXAM ROOM
2C-14	STERILE SUPPLIES
2C-15	PROCEDURE ROOM
2C-17	SOILED UTILITY
2C-18	CLEAN STORAGE
2C-19	MEDS
2C-19A	CRYOGENIC STORAGE
2C-20	NURSE MANAGER
2C-21	MEN'S LOCKER
2C-21A	MEN'S TOILET
2C-23	WOMEN'S LOCKER
2C-23A	WOMEN'S TOILET
2C-25	ELECTRICAL
2C-26	BREAK / CONFERENCE
2C-27	DEBRIER
2C-28	CONFERENCE
2C-29	CONTROL ROOM
2C-30	SCHEDULING
2C-31	PREP CENTER
2C-33	CORRIDOR
C-201	CORRIDOR
C-202	CORRIDOR
C-203	CORRIDOR
C-204	CORRIDOR
C-205	CORRIDOR
C-206	CORRIDOR
C-207	CORRIDOR

- PLUMBING NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
  - COORDINATE ALL PLUMBING INSTALLATION WITH GENERAL FIRE PROTECTION, VENTILATION, AND ELECTRICAL CONTRACTORS. INSTALL ALL PLUMBING PIPING AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISES) TO KEEP PLUMBING PIPING TIGHT TO THE STRUCTURE OR DUCTWORK ABOVE. OFFSET PLUMBING PIPING TO AVOID BEAMS AND INSTALLATION BY ALL TRADES.
  - REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS FOR CEILING TYPES, HEIGHTS, SOFFIT AREAS, AND ELEVATIONS FOR INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC.
  - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
  - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILING FOR INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILING TO MATCH EXISTING.
  - MAINTAIN 3'-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
  - ALL SHUT-OFF VALVES, ETC., SHALL BE INSTALLED IN ACCESSIBLE CEILING.
- 1/2" COMPRESSED AIR DOWN TO HEADWALL. COORDINATE CONNECTION SIZE AND LOCATION WITH EXISTING EQUIPMENT SPECIFICATIONS.
  - ROUTE NEW 2" WASTE FROM SINK IN WALL. DROP DOWN AT POINT INDICATED ON PLAN.
  - ROUTE NEW 3" WASTE FROM CHASE IN WALL. DROP DOWN AT POINT INDICATED ON PLAN.
  - 1/2" CW & 1/2" HW DN TO SERVE BOTH THE SINK AND EYE WASH. PROVIDE SEPARATE SHUT-OFF VALVES BELOW THE SINK.
  - OFFSET EXISTING WASTE PIPING AS REQUIRED FOR NEW UTILITIES IN CEILING SPACE.

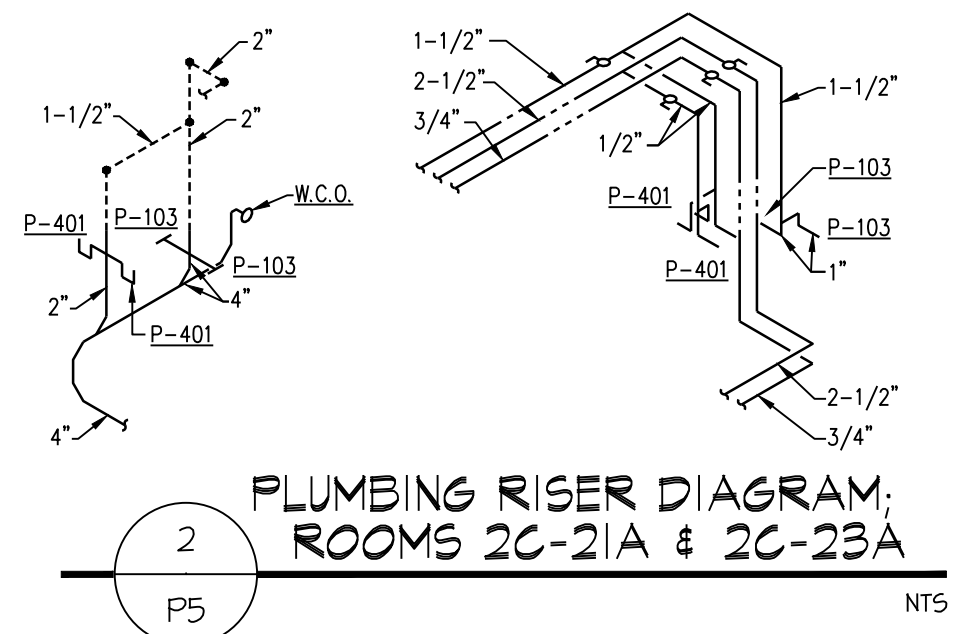
PLUMBING FIXTURE ROUGH-IN CONNECTION SCHEDULE				
FIXTURE	WASTE	VENT	CW	HW
LAVATORY	2"	1-1/2"	1/2"	1/2"
WATER CLOSET (FV)	4"	2"	1"	-
SINK	2"	1-1/2"	1/2"	1/2"
EMERG. EYE WASH	2"	1-1/2"	1/2"	1/2"

NOTES:  
1. SIZES SHALL BE AS SCHEDULED UNLESS OTHERWISE NOTED ON DRAWINGS.

- PHASING NOTES**
- ALL EXISTING PLUMBING MAINS IN THE REMODEL AREA CURRENTLY SERVING OTHER WINGS OF THE HOSPITAL (WING JOB RECOVERY) SHALL REMAIN IN OPERATION AT ALL TIMES. ANY WORK REQUIRED ON THE EXISTING MAINS SHALL BE OCCUR DURING WEEKEND OR EVENING HOURS AND SHALL BE COORDINATED A MINIMUM OF TWO WEEKS IN ADVANCE WITH THE OWNER. ALL NEW MAINS SHALL BE INSTALLED PRIOR TO DEMOLITION OF EXISTING MAINS IN ORDER TO MINIMIZE DOWN TIME.

1 SECOND FLOOR PLUMBING PLAN  
PS

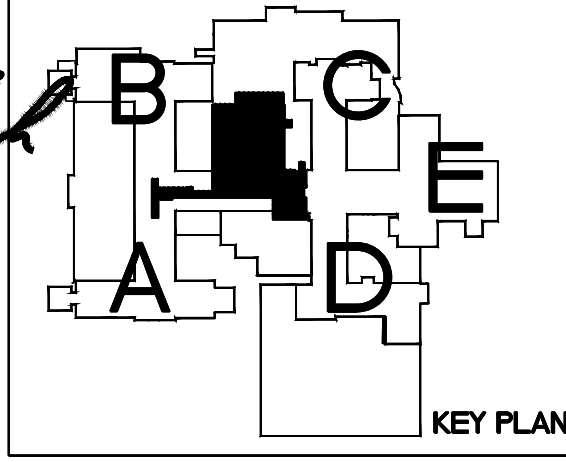
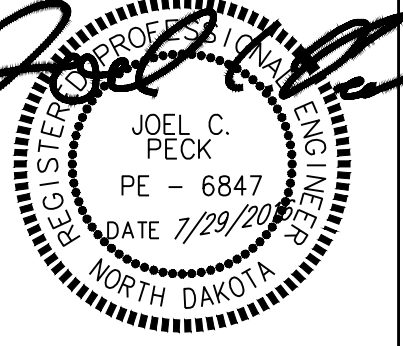
SCALE: 1/8" = 1'-0"



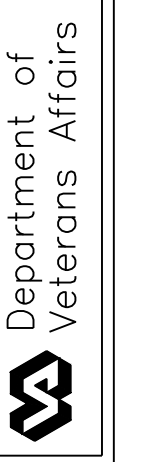
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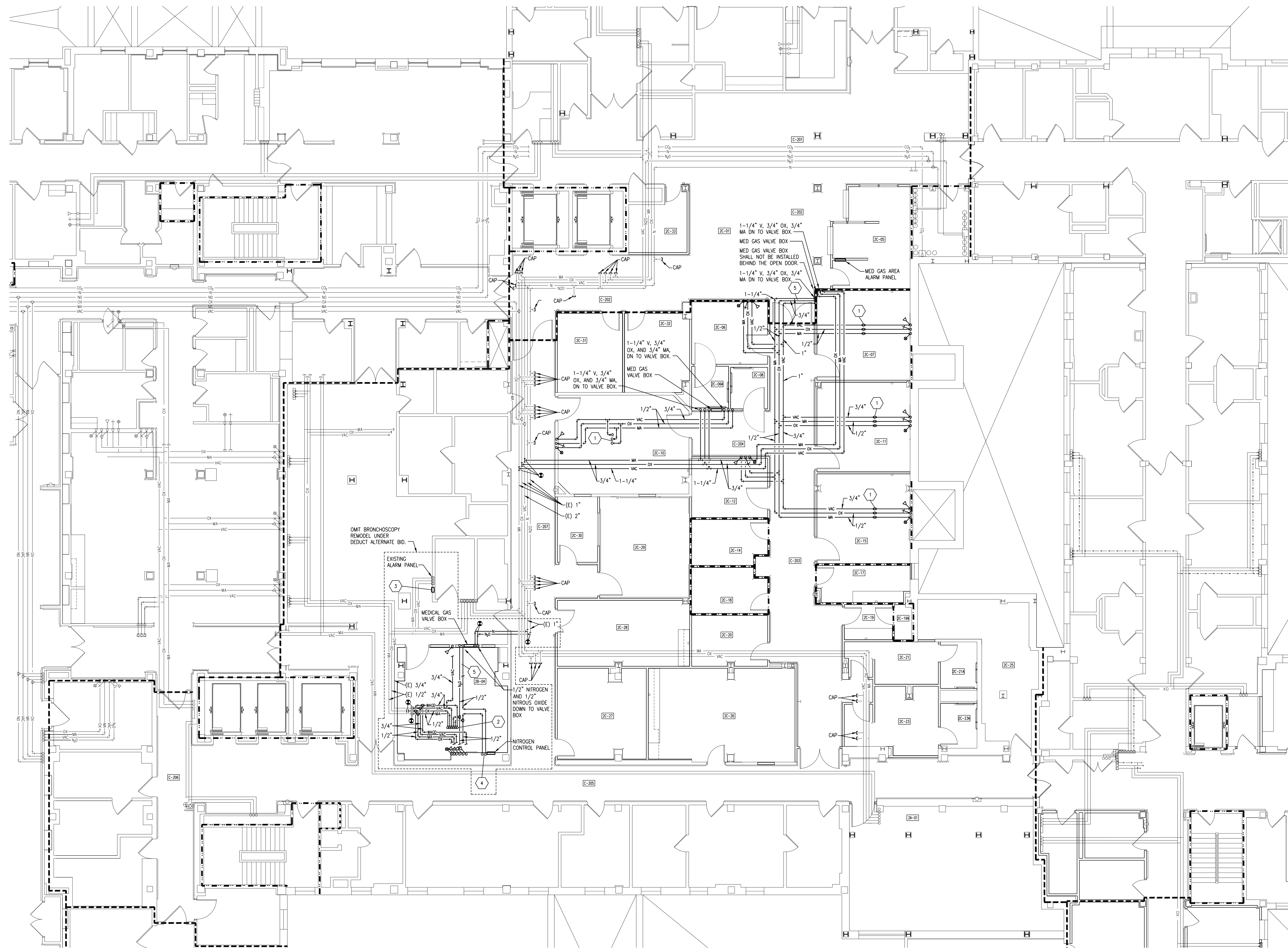


Drawing Title <b>SECOND FLOOR PLUMBING PLAN</b>		Project Title <b>RENOVATE 2ND FLOOR, BLDG 46 FOR MEDICAL SPECIALTIES</b>		Date <b>JULY 29, 2016</b>
VA Project No. <b>437-14-110</b>	Contract No. <b>VA263-P-1217</b>	Designed By <b>JCP</b>	Checked By <b>JCP</b>	Scale <b>AS NOTED</b>
Building No. <b>46</b>	AutoCAD File Name <b>2014241-P5.dwg</b>	Drawn By <b>MCW</b>	Location <b>FARGO VA HEALTH CARE SYSTEM FARGO, ND</b>	Drawing No. <b>P5</b>
				Dwg. 20 of 36



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ROOM SCHEDULE	
2B-04	BRONCHOSCOPY
2C-01	WAITING
2C-05	RECEPTION
2C-06	EXAM ROOM
2C-06A	TOILET
2C-07	PROCEDURE ROOM
2C-08	TOILET
2C-10	CYTOSCOPIC SURGERY
2C-11	PROCEDURE ROOM
2C-12	EXAM ROOM
2C-14	STERILE SUPPLIES
2C-15	PROCEDURE ROOM
2C-17	SOILED UTILITY
2C-18	CLEAN STORAGE
2C-19	MEDS
2C-19A	CYTOGENIC STORAGE
2C-20	NURSE MANAGER
2C-21	MEN'S LOCKER
2C-21A	MEN'S TOILET
2C-23	WOMEN'S LOCKER
2C-23A	WOMEN'S TOILET
2C-25	ELECTRICAL
2C-26	BREAK / CONFERENCE
2C-27	DEBRIER
2C-28	CONFERENCE
2C-29	CONTROL ROOM
2C-30	SCHEDULING
2C-31	PREP CENTER
2C-33	IMM
C-201	CORRIDOR
C-202	CORRIDOR
C-203	CORRIDOR
C-204	HALL
C-205	CORRIDOR
C-206	CORRIDOR
C-207	CORRIDOR

- MEDICAL GAS NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
  - COORDINATE ALL MEDICAL GAS INSTALLATION WITH GENERAL FIRE PROTECTION, VENTILATION, AND ELECTRICAL CONTRACTORS. INSTALL ALL MEDICAL GAS PIPING AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISES) TO KEEP MEDICAL GAS PIPING TO THE STRUCTURE OR DUCTWORK ABOVE. OFFSET MEDICAL GAS PIPING TO AVOID BEAMS AND INSTALLATION BY ALL TRADES.
  - REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS FOR CEILING TYPES, HEIGHTS, SOFTI AREAS, AND ELEVATIONS FOR INSTALLATION OF NEW MEDICAL PIPING, EQUIPMENT, ETC.
  - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE INSTALLATION OF NEW MEDICAL GAS PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
  - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILINGS FOR INSTALLATION OF NEW MEDICAL GAS PIPING, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILINGS TO MATCH EXISTING.
  - MAINTAIN 3"-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
  - ALL SHUT-OFF VALVES, ETC., SHALL BE INSTALLED IN ACCESSIBLE CEILINGS.
    - CEILING MOUNTED MED GAS OUTLETS: ONE VAC, ONE MA, AND ONE OX.
    - CEILING MOUNTED MED GAS OUTLETS: ONE VAC, ONE MA, ONE OX, ONE N2, ONE NITROGEN, AND ONE NITROUS OXIDE.
    - PROVIDE NEW ALARM PANEL FOR NITROUS OXIDE AND NITROGEN IN EXISTING WALL ADJACENT TO EXISTING ALARM PANEL. CUT AND PATCH WALL TO MATCH EXISTING FINISH AS REQUIRED.
    - 1/2" NITROGEN DOWN TO NITROGEN CONTROL PANEL. CUT AND PATCH EXISTING WALL TO MATCH EXISTING FINISH AS REQUIRED.
    - PROVIDE REMOTE-MOUNTED PRESSURE SENSORS IN PIPING TO BE CONNECTED TO THE NEW AREA ALARM PANEL. PROVIDE ALL NECESSARY WIRING AND CONDUIT BETWEEN SENSORS AND PANELS.

- MEDICAL GAS NOTES:**
- MEDICAL AIR MEDICAL GAS OUTLET
  - OXYGEN MEDICAL GAS OUTLET
  - VACUUM MEDICAL GAS OUTLET
  - NITROGEN MEDICAL GAS OUTLET
  - NITROUS OXIDE MEDICAL GAS OUTLET
  - PROPANE MEDICAL GAS OUTLET
- NOTE: ALL MEDICAL AIR, OXYGEN, AND NITROUS OXIDE RUN-OUT SIZES TO BE 1/2". ALL VACUUM RUN-OUT SIZES SHALL BE 3/4" UNLESS OTHERWISE NOTED.

- PHASING NOTES**
- ALL EXISTING MEDICAL GAS MAINS IN THE REMODEL AREA CURRENTLY SERVING OTHER WINGS OF THE HOSPITAL (WING 2B, C) SHALL REMAIN IN OPERATION AT ALL TIMES. ANY WORK REQUIRED ON THE EXISTING MAINS SHALL BE OCCUR DURING WEEKEND OR EVENING HOURS AND SHALL BE COORDINATED A MINIMUM OF TWO WEEKS IN ADVANCE WITH THE OWNER. PROVIDE ADDITIONAL TESTING AND CERTIFICATION OF THE EXISTING PIPING MAINS IN ORDER TO MAINTAIN OPERATION TO OTHER AREAS.

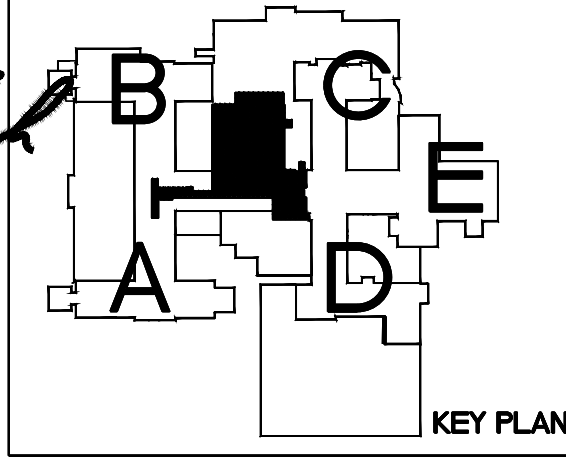
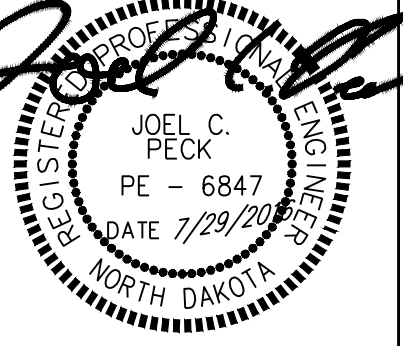
1 SECOND FLOOR MEDICAL GAS PLAN  
P6

SCALE: 1/8" = 1'-0"

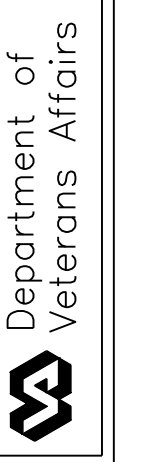
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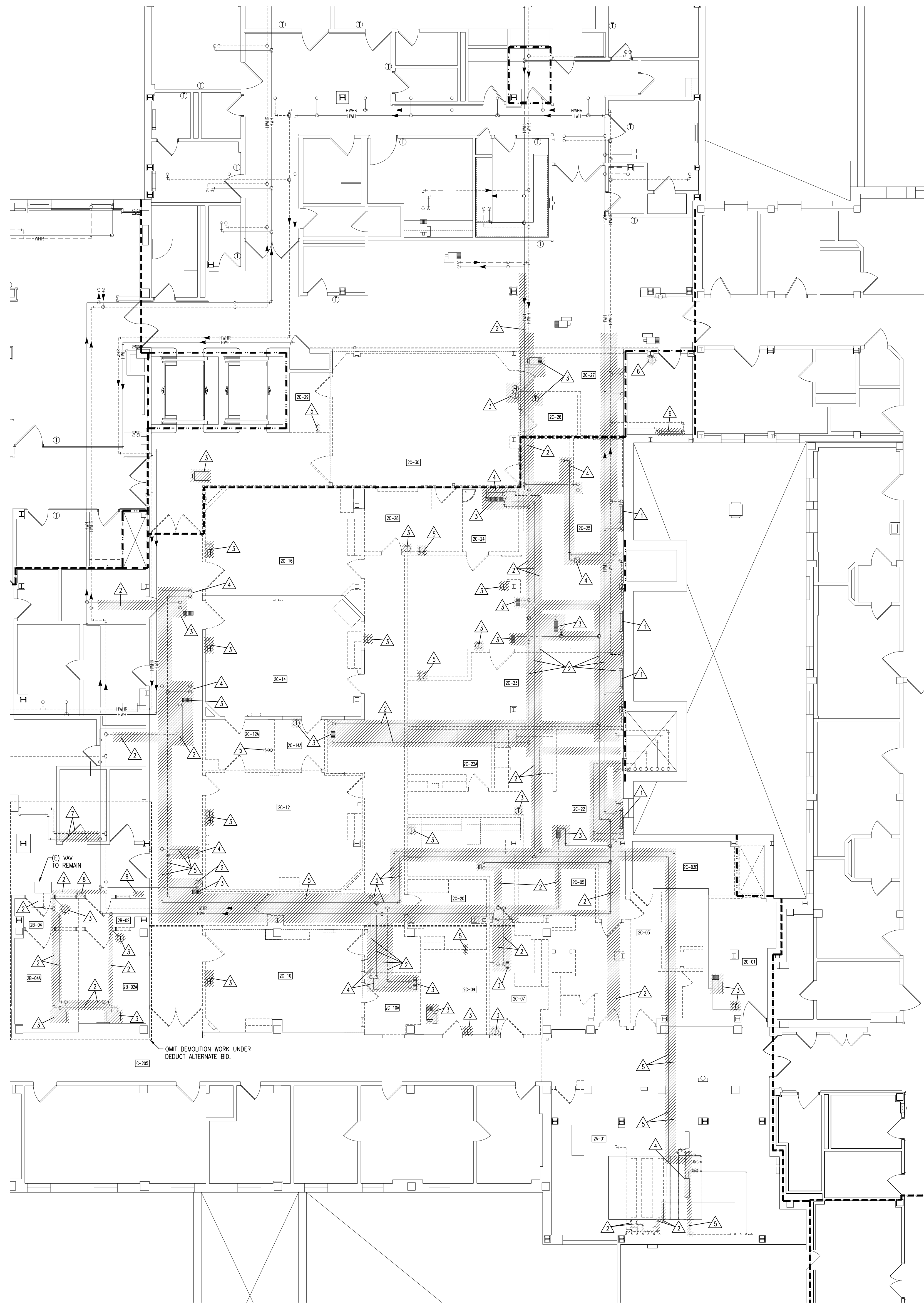
Drawing Title <b>SECOND FLOOR MEDICAL GAS PLAN</b>		Project Title <b>RENOVATE 2ND FLOOR, BLDG 46 FOR MEDICAL SPECIALTIES</b>		Date <b>JULY 29, 2016</b>
VA Project No. <b>437-14-110</b>	Contract No. <b>VA263-P-1217</b>	Designed By <b>JCP</b>	Checked By <b>JCP</b>	Scale <b>AS NOTED</b>
Building No. <b>46</b>	AutoCAD File Name <b>2014241-P6.dwg</b>	Drawn By <b>MCW</b>	Location <b>FARGO VA HEALTH CARE SYSTEM FARGO, ND</b>	Drawing No. <b>P6</b>
				Dwg. 21 of 36



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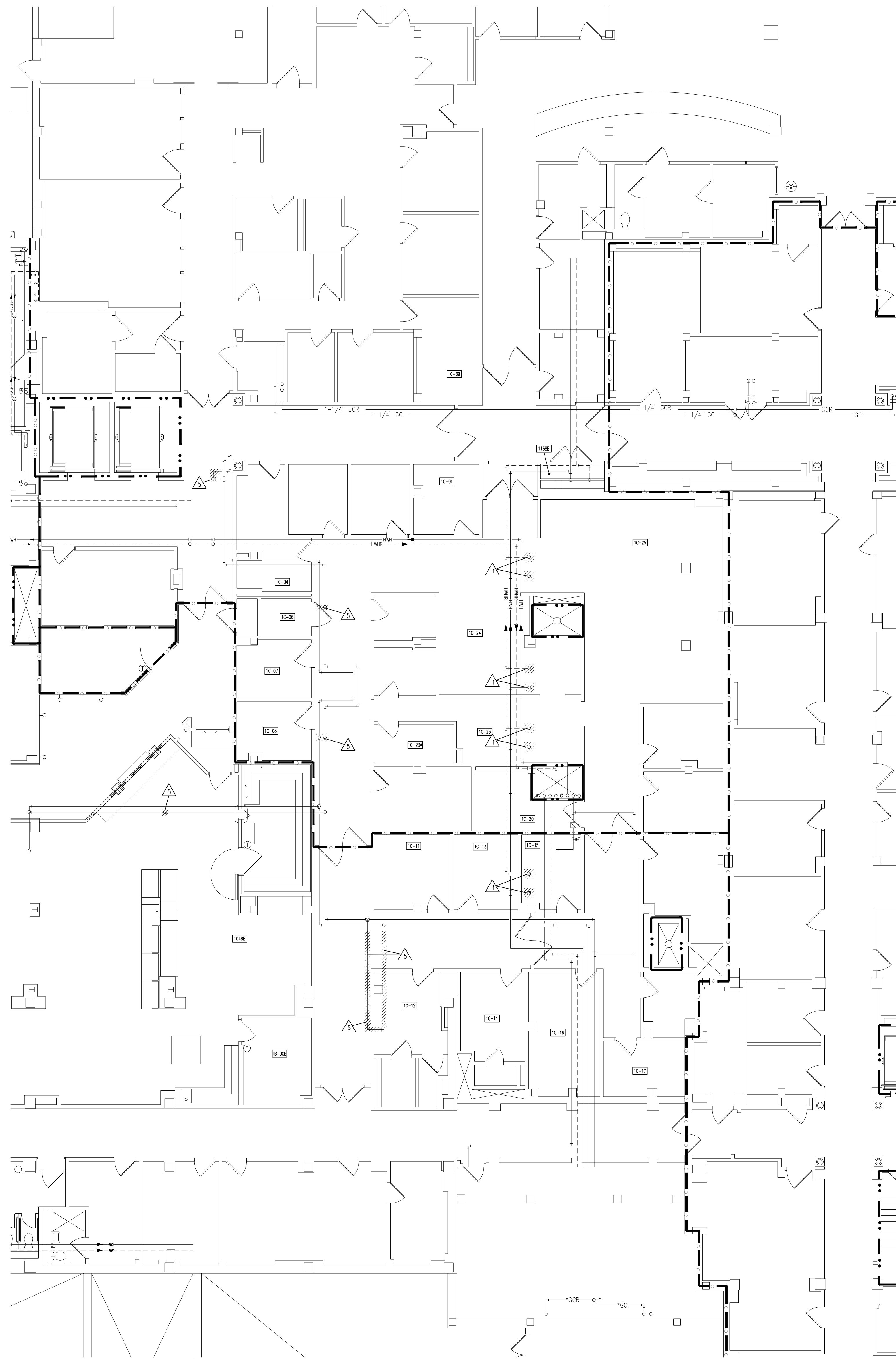
Revisions	Date





2 SECOND FLOOR MECHANICAL PIPING DEMO PLAN  
 HI

SCALE: 1/8" = 1'-0"



1 FIRST FLOOR MECHANICAL PIPING DEMO PLAN  
 HI

SCALE: 1/8" = 1'-0"

ROOM SCHEDULE		
1048B SUPERVISOR	1C-13 EXAM	
1168B PHARMACY	1C-14 PATIENT EDUCATION	
1168B WAITING	1C-15 EXAM	
1B-908 OFFICE	1C-16 PROCEDURE	
1C-01 INTAKE	1C-17 CLEAN	
1C-04 PHARMACY-D	1C-20 STORAGE	
1C-06 HAC	1C-23 NURSE STATION	
1C-07 EXAM	1C-23A MEDS	
1C-08 EXAM	1C-24 BLUE DESK	
1C-11 EXAM	1C-25 WAITING	
1C-12 EXAM	1C-26 EXAM / TREAT	

ROOM SCHEDULE		
2A-01 MECHANICAL	2C-14A	
2B-02 ANIE	2C-16 MINOR O.R. #4	
2B-02A STORAGE	2C-16 UTILITY	
2B-04 ANIE	2C-22 FORMS ROOM	
2B-04A OFFICE	2C-24 KITCHEN	
2C-01 EMS STORAGE	2C-23 STORAGE	
2C-03 FEMALE LOCKER	2C-24 HAC	
2C-03B ELEC.	2C-24 STORAGE	
2C-05 MALE LOCKER	2C-26 X-RAY	
2C-07 OFFICE	2C-27 PLASTER & SPLINT	
2C-09 OFFICE	2C-28 CONTROL ROOM	
2C-07 EXAM	2C-29 STERILE	
2C-10 UROLOGY O.R. #1	2C-30 ENDOVASCULAR	
2C-10A CONTROL	O.R. #5	
2C-12 O.R. #2 GENERAL	C-205 CORRIDOR	
2C-12A O.R. #3 GENERAL	C-206 CORRIDOR	

**HVAC PIPING DEMOLITION NOTES:**

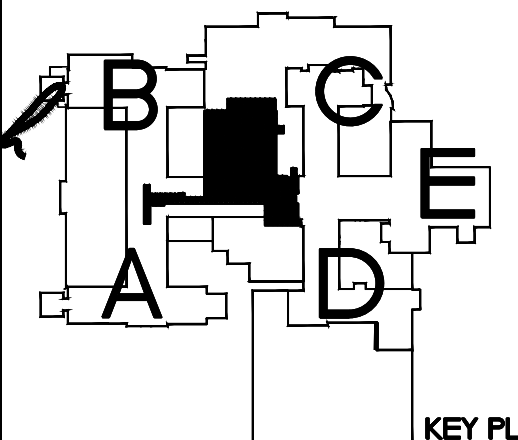
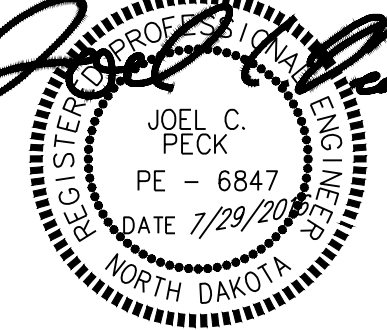
- DEMOLITION DRAWINGS ARE DIAGNOSTIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
  - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING HVAC PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
  - THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILING FOR DEMOLITION OF EXISTING HVAC PIPING, EQUIPMENT, ETC. AS REQUIRED.
  - THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILING FROM DEMOLISHED HVAC PIPING, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILING TO MATCH EXISTING.
- ▲ DISCONNECT AND REMOVE EXISTING FIN TUBE, PIPING, ASSOCIATED CONTROLS AND WIRING. CAP PIPING BACK ON FIRST FLOOR CEILING. PATCH FLOOR AS NECESSARY.
  - ▲ DISCONNECT AND REMOVE EXISTING HEATING PIPING, HANGERS, INSULATION, VALVES, ETC AS NECESSARY.
  - ▲ DISCONNECT AND REMOVE EXISTING THERMAL COIL, VAV BOXES, CONTROLS, THERMOSTAT, ASSOCIATED PIPING, HANGERS, VALVES, INSULATION, ETC.
  - ▲ DISCONNECT AND REMOVE EXISTING STEAM HUMIDIFIER AND ALL ASSOCIATED VALVES, CONTROLS, PIPING, INSULATION, HANGERS, ETC. CAP PIPING AS CLOSE TO MAIN AS POSSIBLE.
  - ▲ DISCONNECT AND REMOVE EXISTING STEAM AND CONDENSATE PIPING AND ALL ASSOCIATED HANGERS, INSULATION, VALVES, TRAPS, ETC. CAP PIPING BACK AT THE MAINS.
  - ▲ DISCONNECT AND REMOVE EXISTING CONTROL VALVE AND THERMOSTAT SERVING THE EXISTING FIN-RADIATION AND ALL ASSOCIATED WIRING/PNEUMATIC TUBING, CONDUIT, ETC. PREPARE REMAINING FOR NEW CONTROL VALVE.
  - ▲ DISCONNECT EXISTING HEATING PIPING AND ALL ASSOCIATED INSULATION, HANGERS, ETC. FOR RELOCATION.
  - ▲ DISCONNECT AND REMOVE EXISTING AIRFLOW CONTROLS INCLUDING ALL ASSOCIATED WIRING, CONDUIT, ETC. CUT AND PATCH WALL TO MATCH EXISTING.

**PHASING NOTES**

- ALL WORK IN FIRST FLOOR SHALL OCCUR DURING EVENING AND WEEKEND HOURS. SCHEDULE WITH VA STAFF AT LEAST 2 WEEKS IN ADVANCE.
- ALL WORK ON HEATING SYSTEM SHALL OCCUR DURING SUMMER/WARM MONTHS WHEN HEATING IS NOT REQUIRED.



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Drawing Title  
**FIRST AND SECOND FLOOR MECHANICAL PIPING DEMO PLANS**

VA Project No.  
**437-14-110**

Building No.  
**46**

Contract No.  
**VA263-P-1217  
 VA263-C-**

AutoCAD File Name  
**2014241-H1.dwg**

Project Title  
**RENOVATE 2ND FLOOR, BLDG 46 FOR MEDICAL SPECIALTIES**

Designed By  
**JCP**

Location  
**FARGO VA HEALTH CARE SYSTEM  
 FARGO, ND**

Date  
**JULY 29, 2016**

Scale  
**AS NOTED**

Checked By  
**JCP**

Drawn By  
**MCW**

Drawing No.  
**H1**

Dwg. 22 of 36

