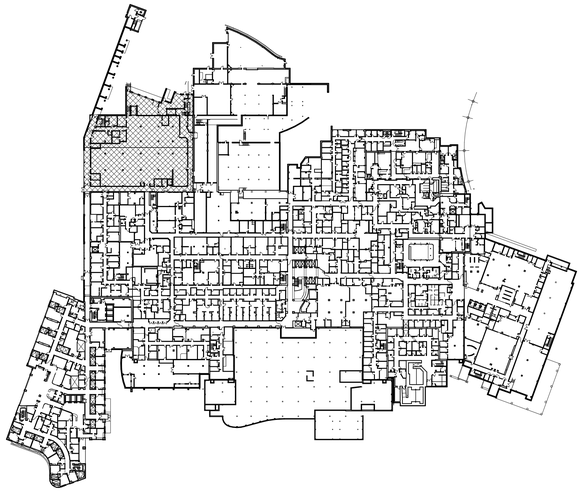
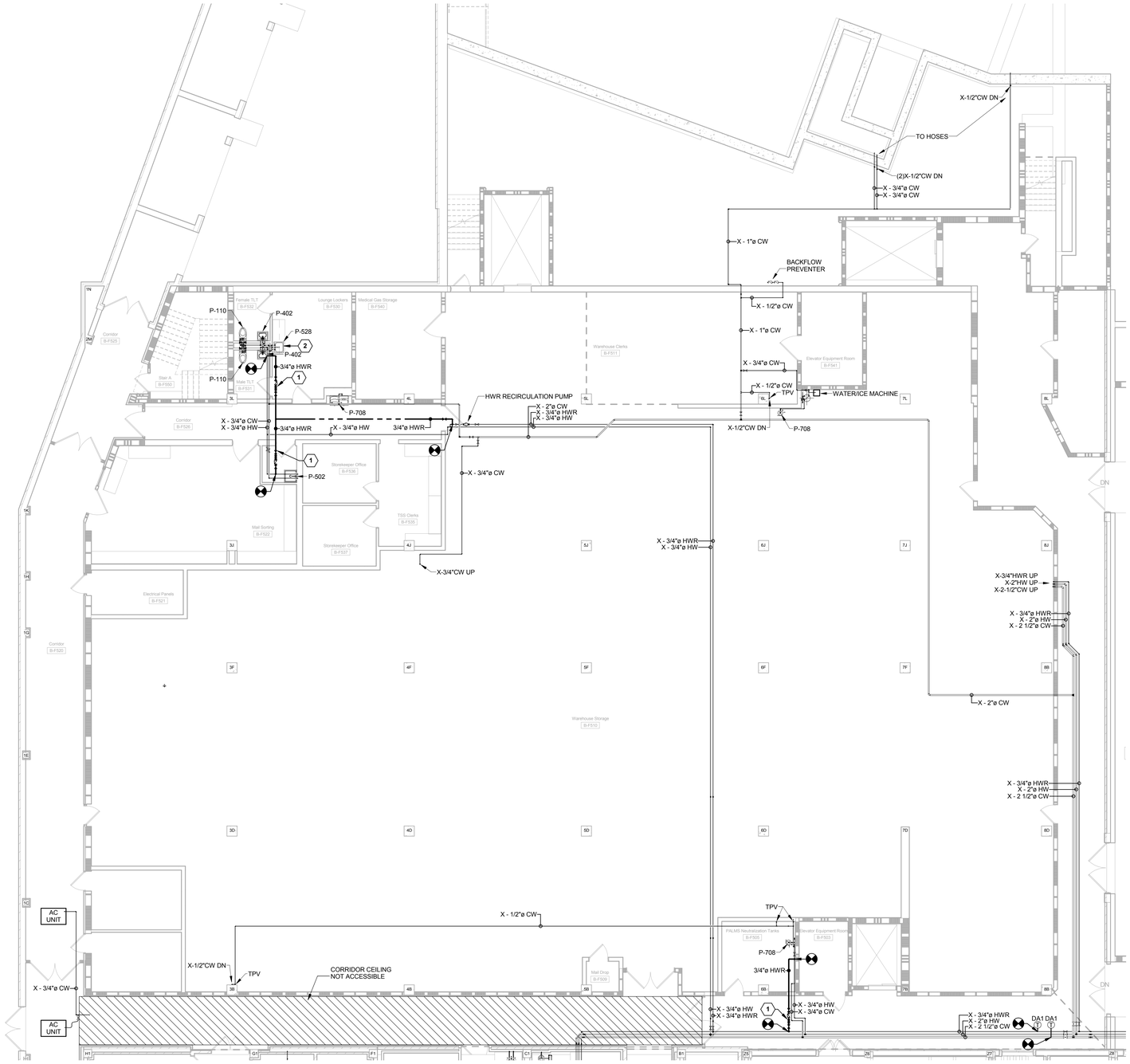


KEY PLAN - LAB WAREHOUSE B
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - LAB WAREHOUSE
1/8" = 1'-0"
0' 4' 8' 16' 32'

FLOAT WORK NOTE

CONTRACTOR MAY WORK IN FLOAT AREAS AFTER ALL FIRST AND SECOND SHIFT WORK HAS BEEN COMPLETED OR THERE IS A SCHEDULING CONFLICT DURING FIRST OR SECOND SHIFT WORK. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN. CONTRACTOR MUST RECEIVE APPROVAL FROM COR PRIOR TO WORKING IN FLOAT AREAS.

DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - LAB WAREHOUSE**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date	Checked	Drawn
4/29/2016	DAD	JMC

Project Number: 541-16-101

Building Number: MAIN CAMPUS

Drawing Number: **B-LWH**

Office of Facilities Management

Department of Veterans Affairs

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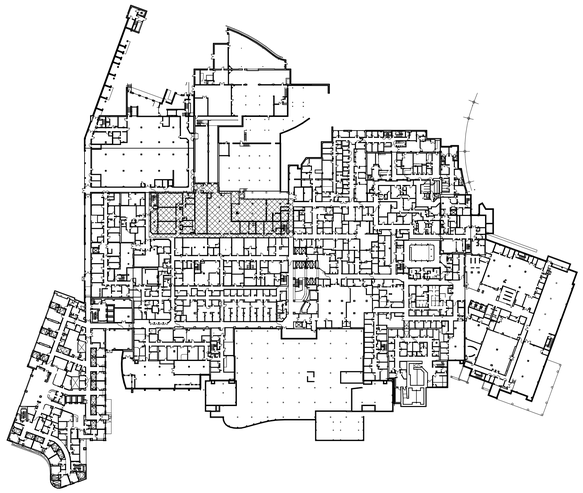


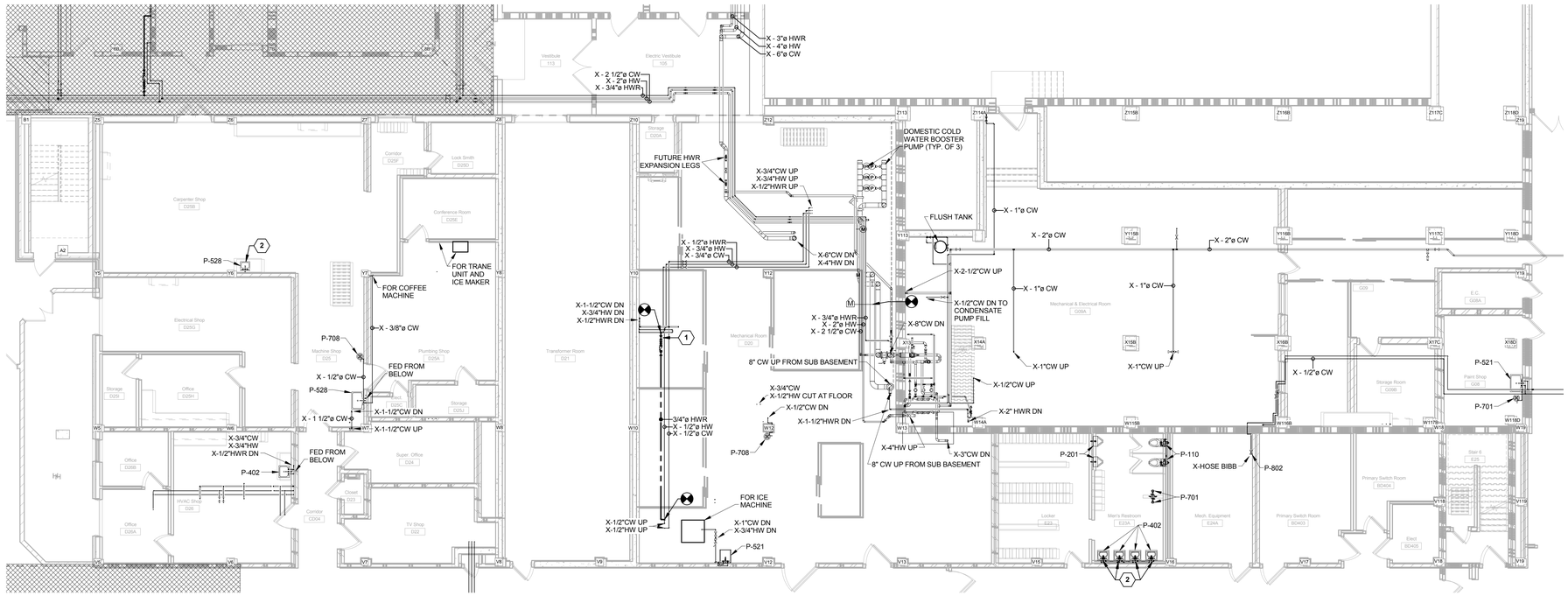
KEY PLAN - MAIN BUILDING B (1/6)
1" = 100'-0"

FLOAT WORK NOTE

CONTRACTOR MAY WORK IN FLOAT AREAS AFTER ALL FIRST AND SECOND SHIFT WORK HAS BEEN COMPLETED OR THERE IS A SCHEDULING CONFLICT DURING FIRST OR SECOND SHIFT WORK. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN. CONTRACTOR MUST RECEIVE APPROVAL FROM COR PRIOR TO WORKING IN FLOAT AREAS.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.



PARTIAL BASEMENT PLUMBING PLAN - M.B. SHOPS AND BOILER PLANT — 1

1/8" = 1'-0"

0' 4' 8' 16' 32'

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX. (440) 546-9699

STATE OF OHIO — SAM A. FREDRICK — 19842 — REGISTERED PROFESSIONAL ENGINEER

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. SHOPS AND BOILER PLANT**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

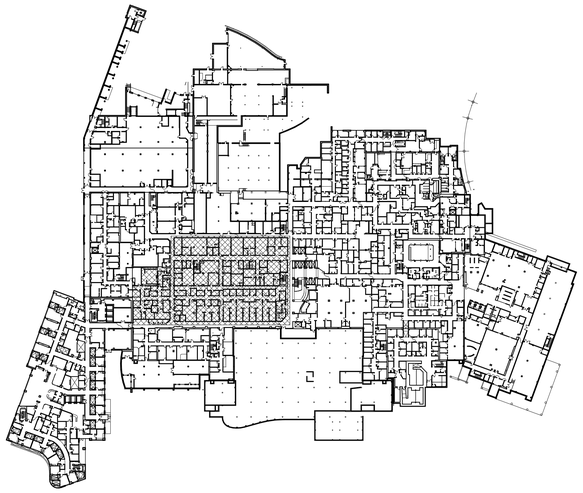
Building Number: MAIN CAMPUS

Drawing Number: **B-MB1/6**

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MAIN BUILDING B (2/6)
1" = 100'-0"

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. EXTEND NEW 3/4" DOMESTIC HOT WATER RETURN PIPING TO LOCATION SHOWN AND CONNECT TO DOMESTIC HOT WATER PIPING.
3. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.

PARTIAL BASEMENT PLUMBING PLAN - M.B.
RESEARCH LABS
1

1/8" = 1'-0"
0' 4' 8' 16' 32'

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS, OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

STATE OF OHIO
DAVID A. DAVIS
E-42042
REGISTERED PROFESSIONAL ENGINEER

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. RESEARCH LABS**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

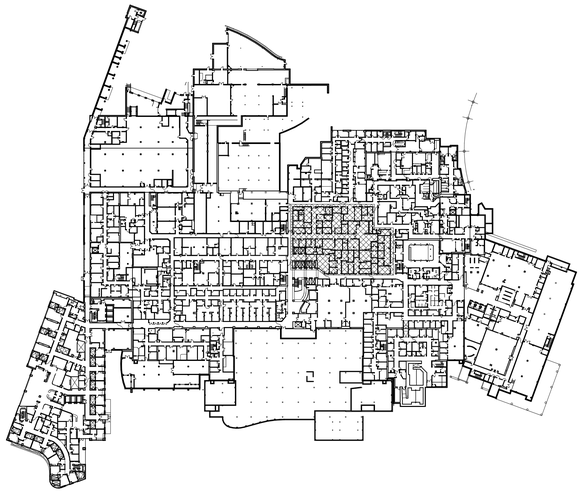
Building Number: MAIN CAMPUS

Drawing Number: **B-MB2/6**

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MAIN BUILDING B (3/6)
1" = 100'-0"

SECOND SHIFT WORK NOTE

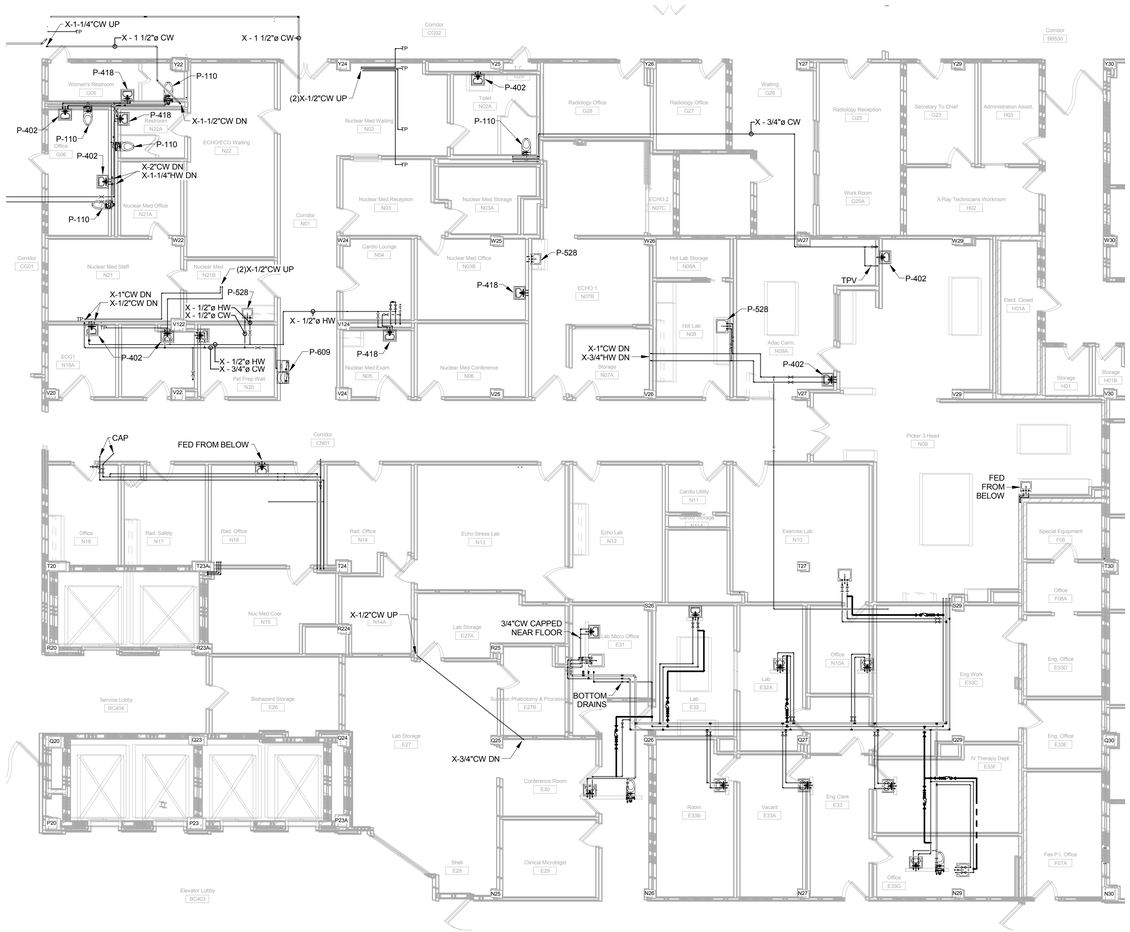
ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

PROJECT AREA UNDER CONSTRUCTION NOTES

A. AREAS ON THIS SHEET ARE CURRENTLY UNDER CONSTRUCTION OR ARE BEING DESIGNED UNDER A DIFFERENT CONTRACT. CONDITIONS SHOWN ON THIS DRAWING MAY BE DIFFERENT WHEN THE CONTRACTOR OCCUPIES SPACES SHOWN ON THIS SHEET. CONTRACTOR SHALL REPORT ALL CONDITIONS THAT DO NOT MATCH THE DRAWINGS TO THE COR.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.



PARTIAL BASEMENT PLUMBING PLAN - M.B. NUCLEAR MEDICINE 1

1/8" = 1'-0"

0' 4' 8' 16' 32'

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
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TEL: (440) 546-9690
FAX: (440) 546-9699

STATE OF OHIO
DAVID A. DRAGAS
No. 24042
REGISTERED
PROFESSIONAL ENGINEER

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. NUCLEAR MEDICINE**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

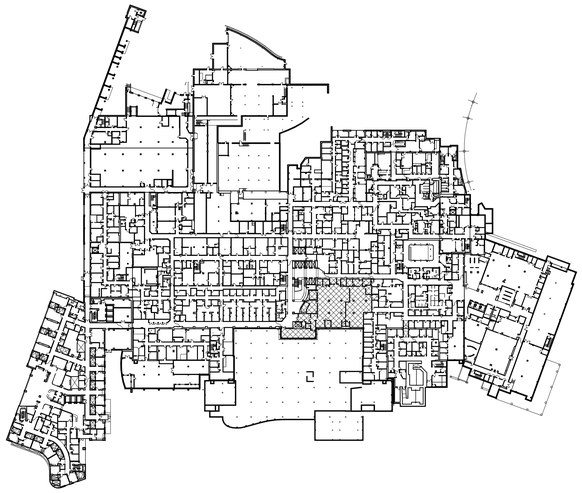
Building Number: MAIN CAMPUS

Drawing Number: **B-MB3/6**

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MAIN BUILDING B (4/6)
1" = 100'-0"

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

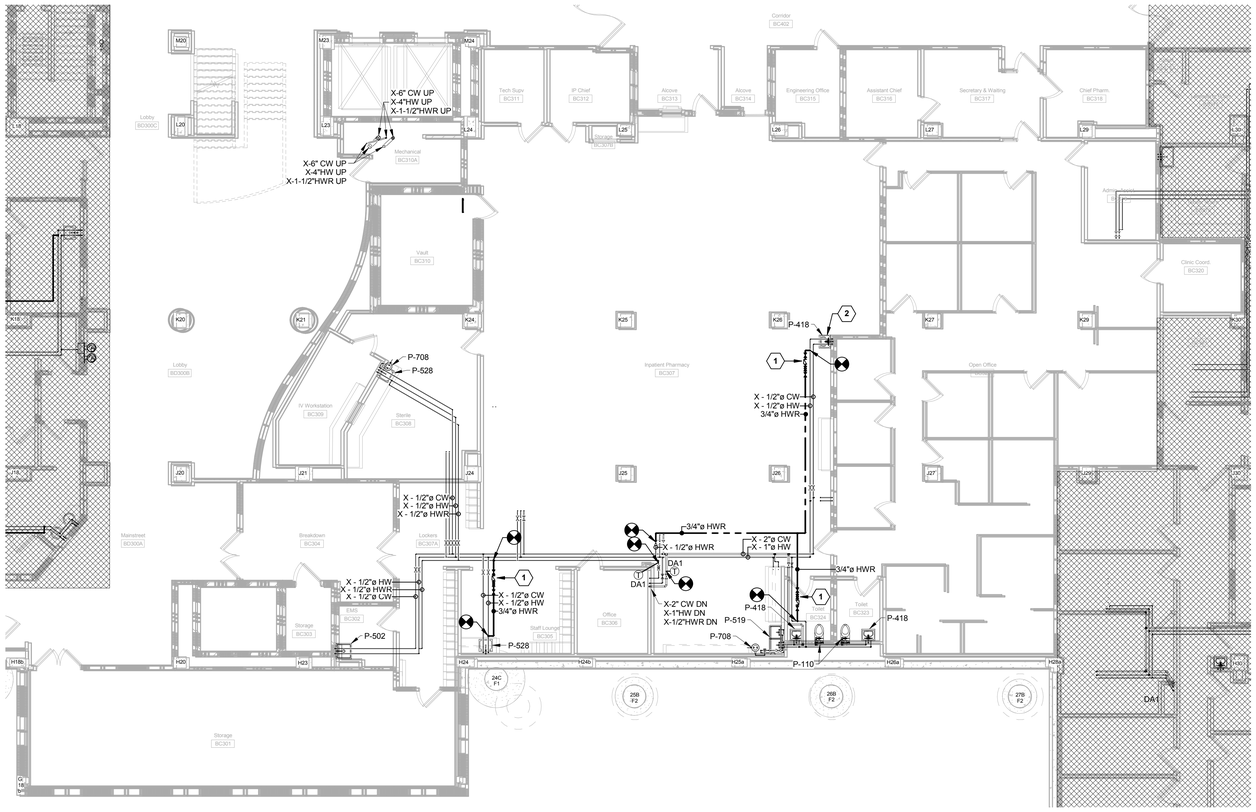
DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.



PARTIAL BASEMENT PLUMBING PLAN - M.B. IP PHARMACY (1)
1/8" = 1'-0"
0' 4' 8' 16' 32'

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	Date

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. IP PHARMACY**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

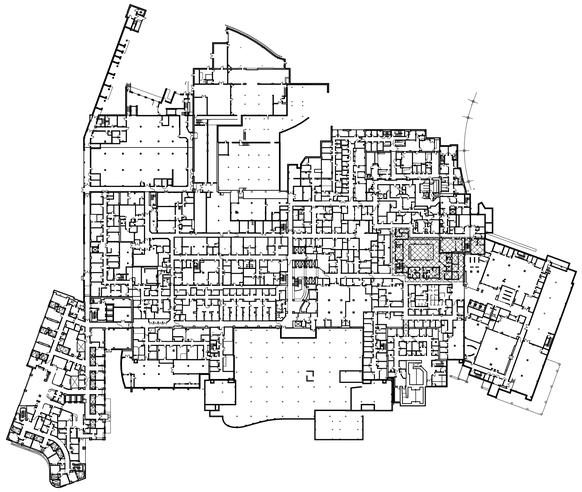
Building Number: MAIN CAMPUS

Drawing Number: **B-MB4/6**

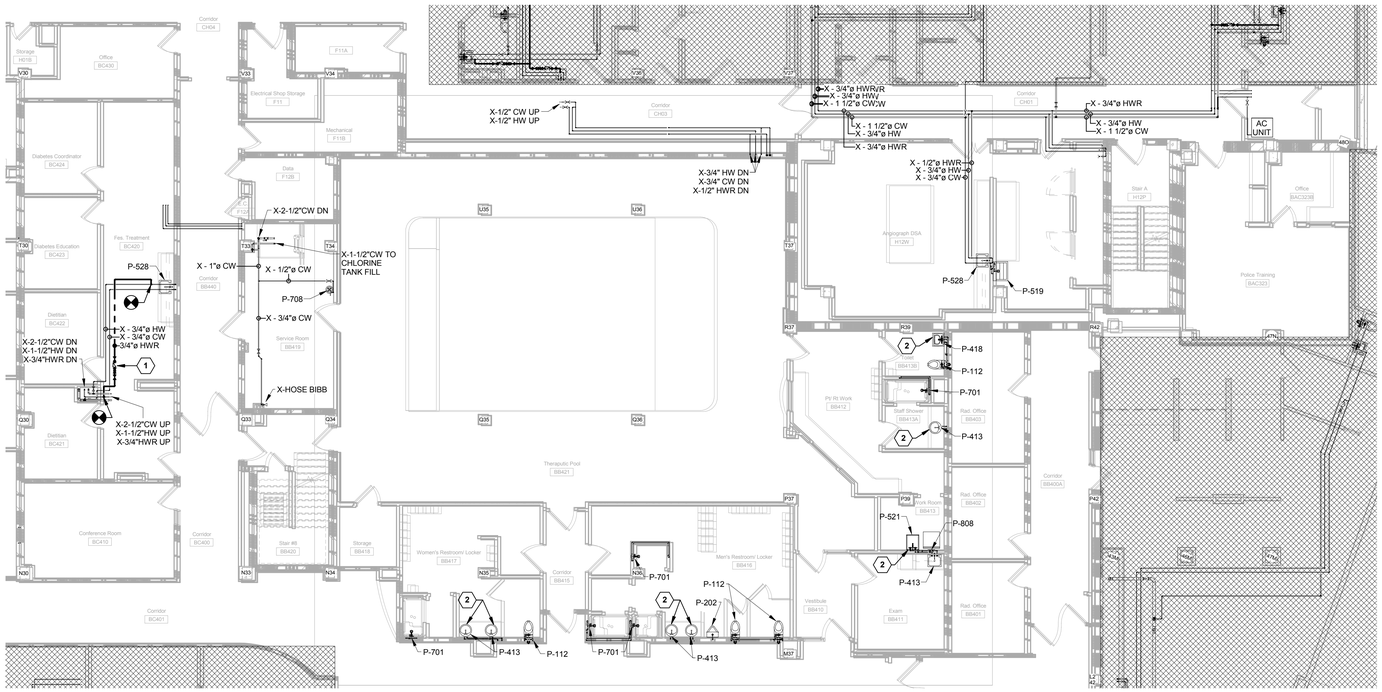
Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MAIN BUILDING B (5/6)
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - M.B. THERAPY 1

1/8" = 1'-0"

0' 4' 8' 16' 32'

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS, OHIO 44147
TEL: (440) 546-9696
FAX: (440) 546-9699

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. THERAPY**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date	Checked	Drawn
4/29/2016	DAD	JMC

Project Number: 541-16-101

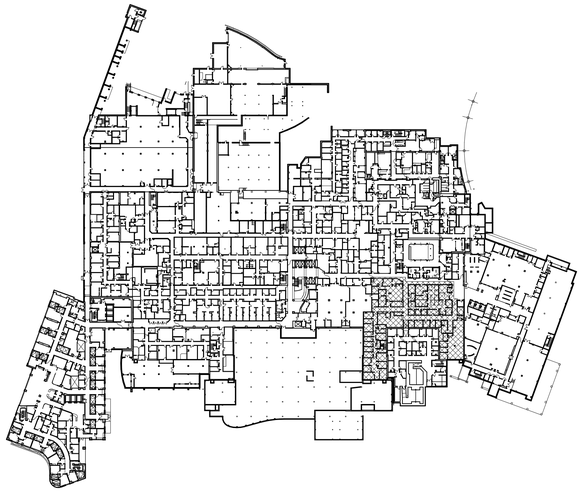
Building Number: MAIN CAMPUS

Drawing Number: **B-MB5/6**

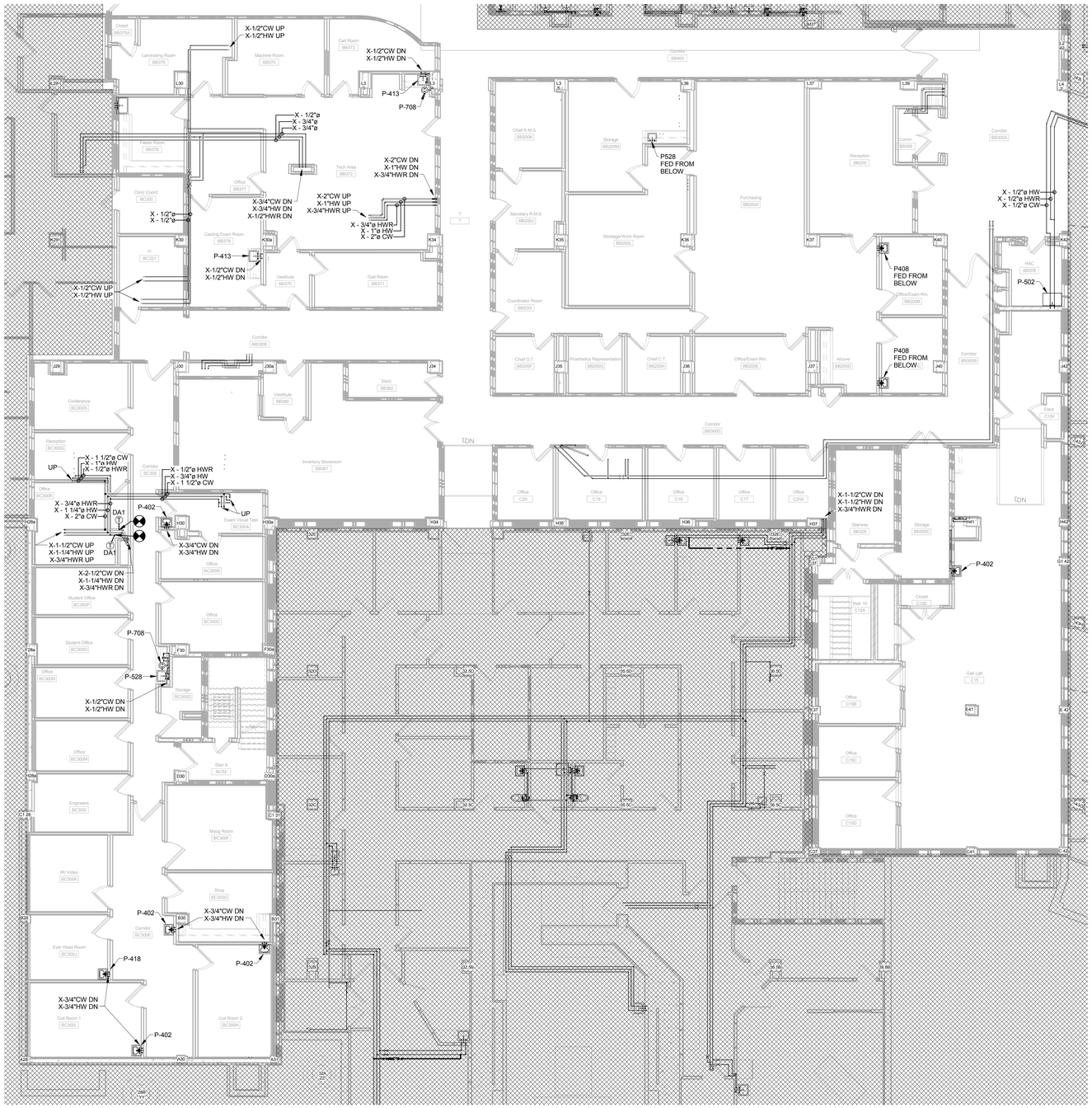
Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MAIN BUILDING B (6/6)
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - M.B. PROSTHETICS
1/8" = 1'-0"
1

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX (440) 546-9699

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - M.B. PROSTHETICS**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

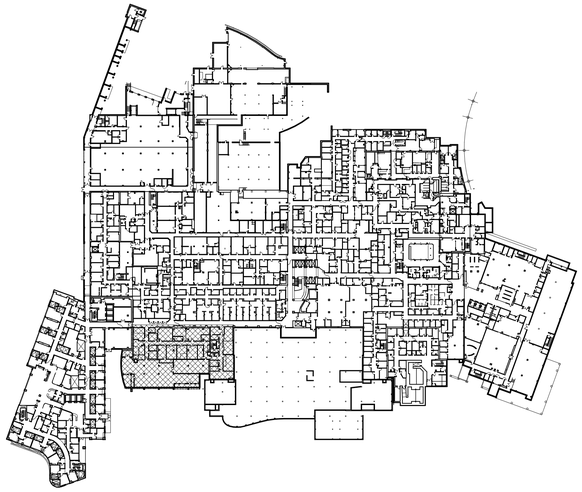
Building Number: MAIN CAMPUS

Drawing Number: **B-MB6/6**

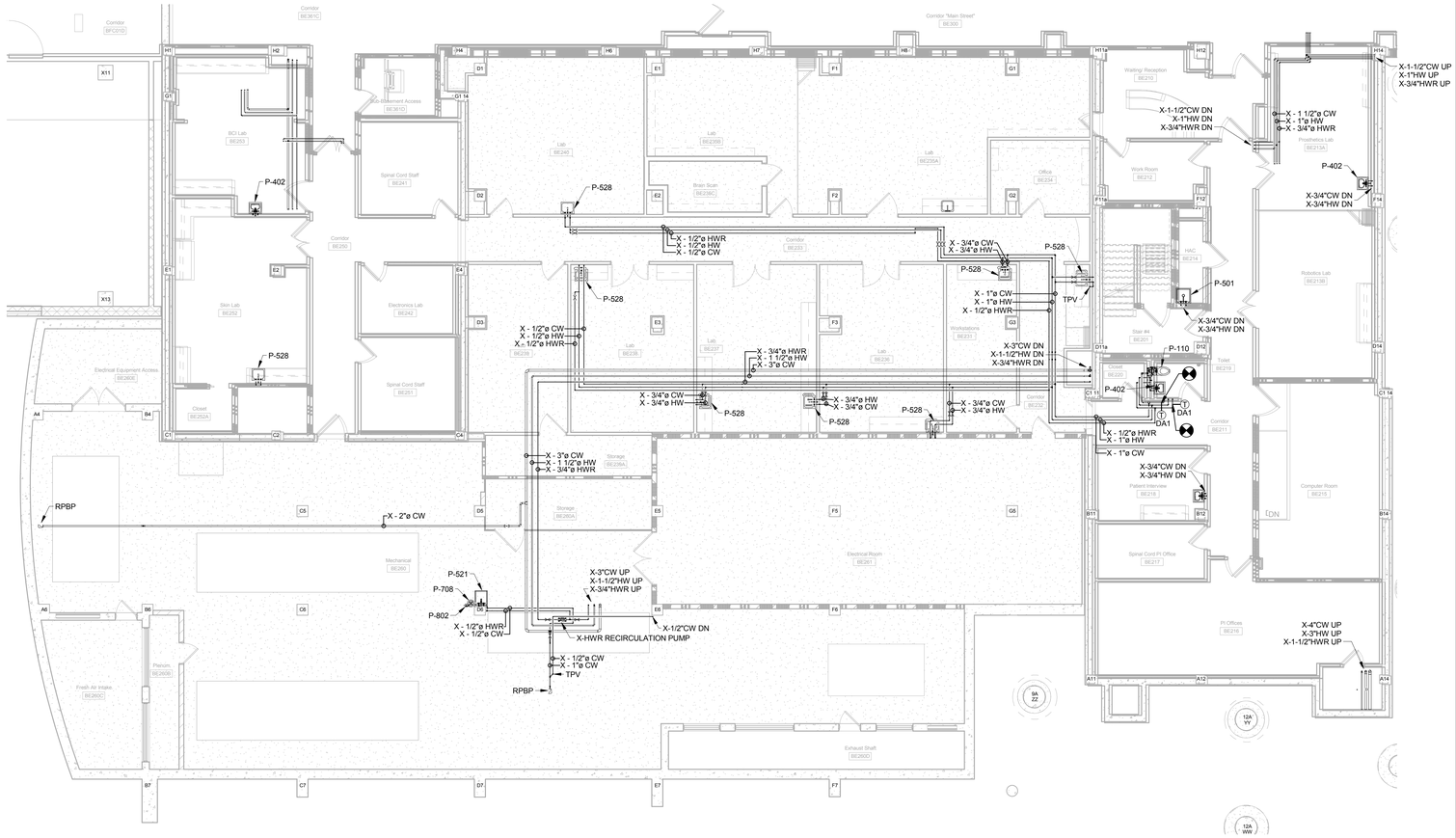
Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - MICU B
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - MICU 1
1/8" = 1'-0"
0' 4' 8' 16' 32'

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

STATE OF OHIO
DAVID A. DIGNAL
E-24242
REGISTERED
PROFESSIONAL ENGINEER

ARCHITECT:

Drawing Title
PARTIAL BASEMENT PLUMBING PLAN - MICU ADDITION

Approved:

Project Title
IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA

Location
VAMC - WADE PARK

Date 4/29/2016 | Checked DAD | Drawn JMC

Project Number 541-16-101

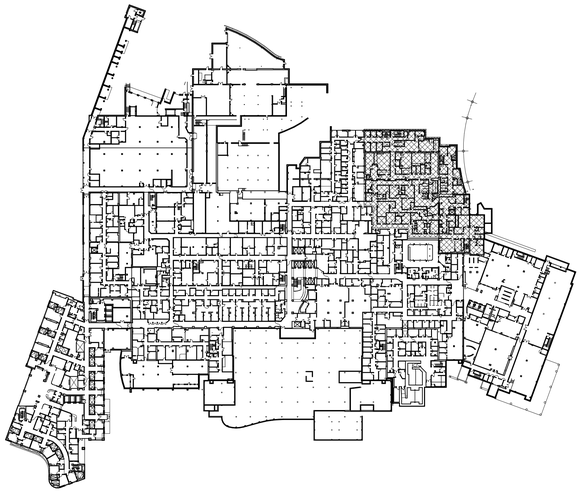
Building Number MAIN CAMPUS

Drawing Number **B-MICU**

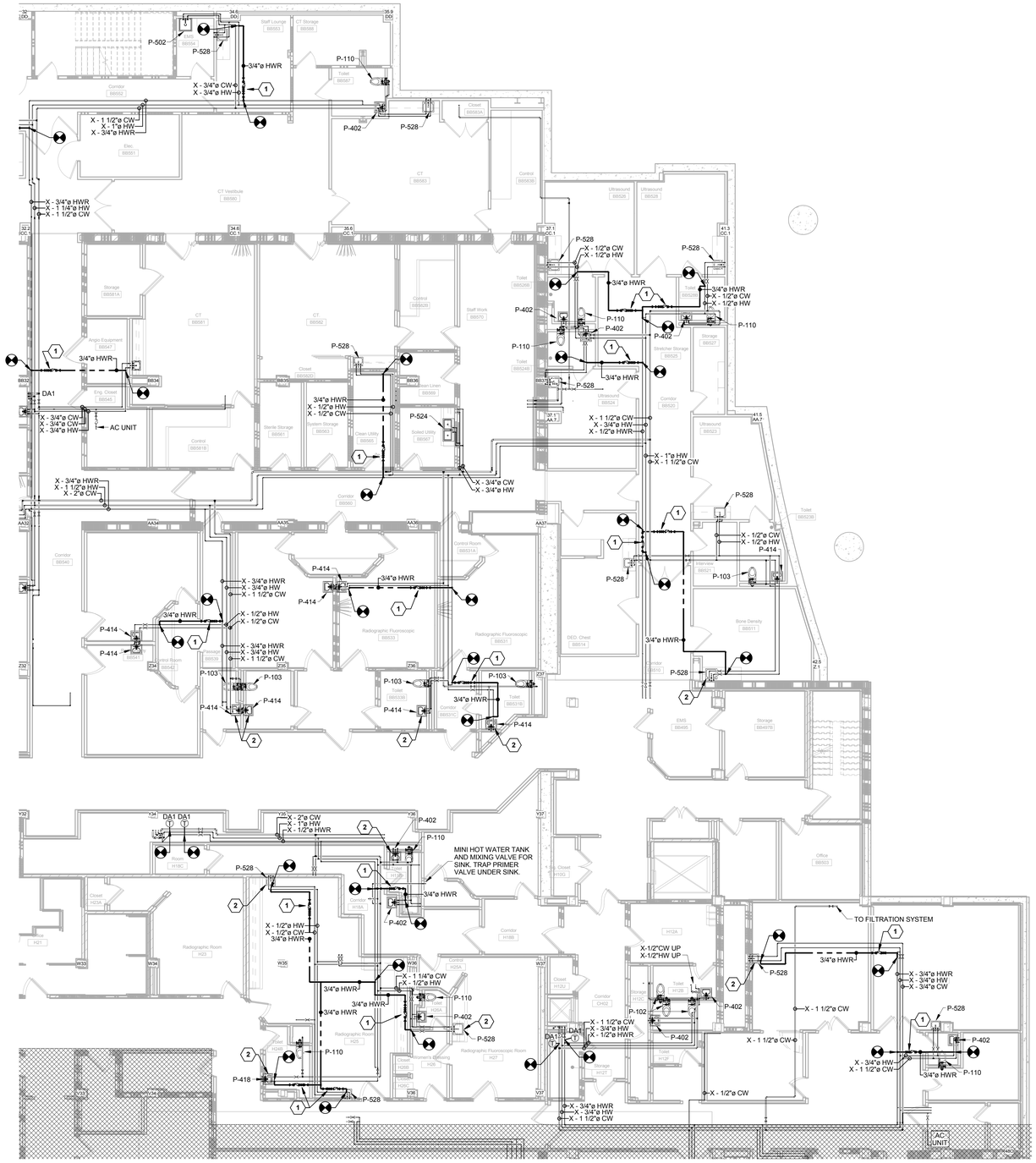
Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - RADIOLOGY B EAST
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - RADIOLOGY EAST
1/8" = 1'-0"
0' 4' 8' 16' 32'

PROJECT AREA UNDER CONSTRUCTION NOTES

A. AREAS ON THIS SHEET ARE CURRENTLY UNDER CONSTRUCTION OR ARE BEING DESIGNED UNDER A DIFFERENT CONTRACT. CONDITIONS SHOWN ON THIS DRAWING MAY BE DIFFERENT WHEN THE CONTRACTOR OCCUPIES SPACES SHOWN ON THIS SHEET. CONTRACTOR SHALL REPORT ALL CONDITIONS THAT DO NOT MATCH THE DRAWINGS TO THE COR.

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

CODED NOTES

1. PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.
2. REMOVE EXISTING AERATOR IF INSTALLED AND INSTALL LAMINAR FLOW CONTROL DEVICE ON EXISTING FAUCET.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

STATE OF OHIO — DAVID A. JAMES — REGISTERED PROFESSIONAL ENGINEER

ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - RADIOLOGY EAST**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date	Checked	Drawn
4/29/2016	DAD	JMC

Project Number: 541-16-101

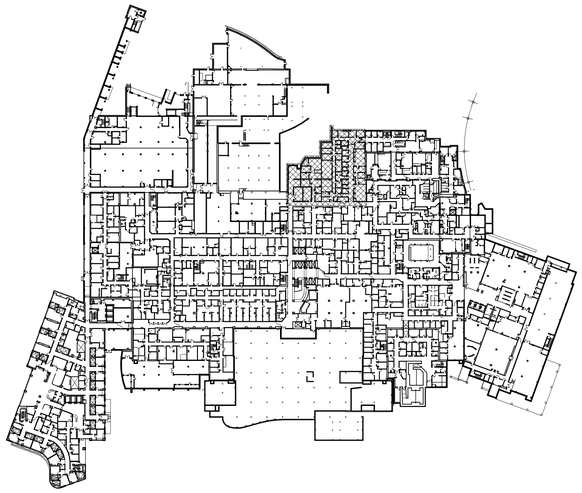
Building Number: MAIN CAMPUS

Drawing Number: **B-RADE**

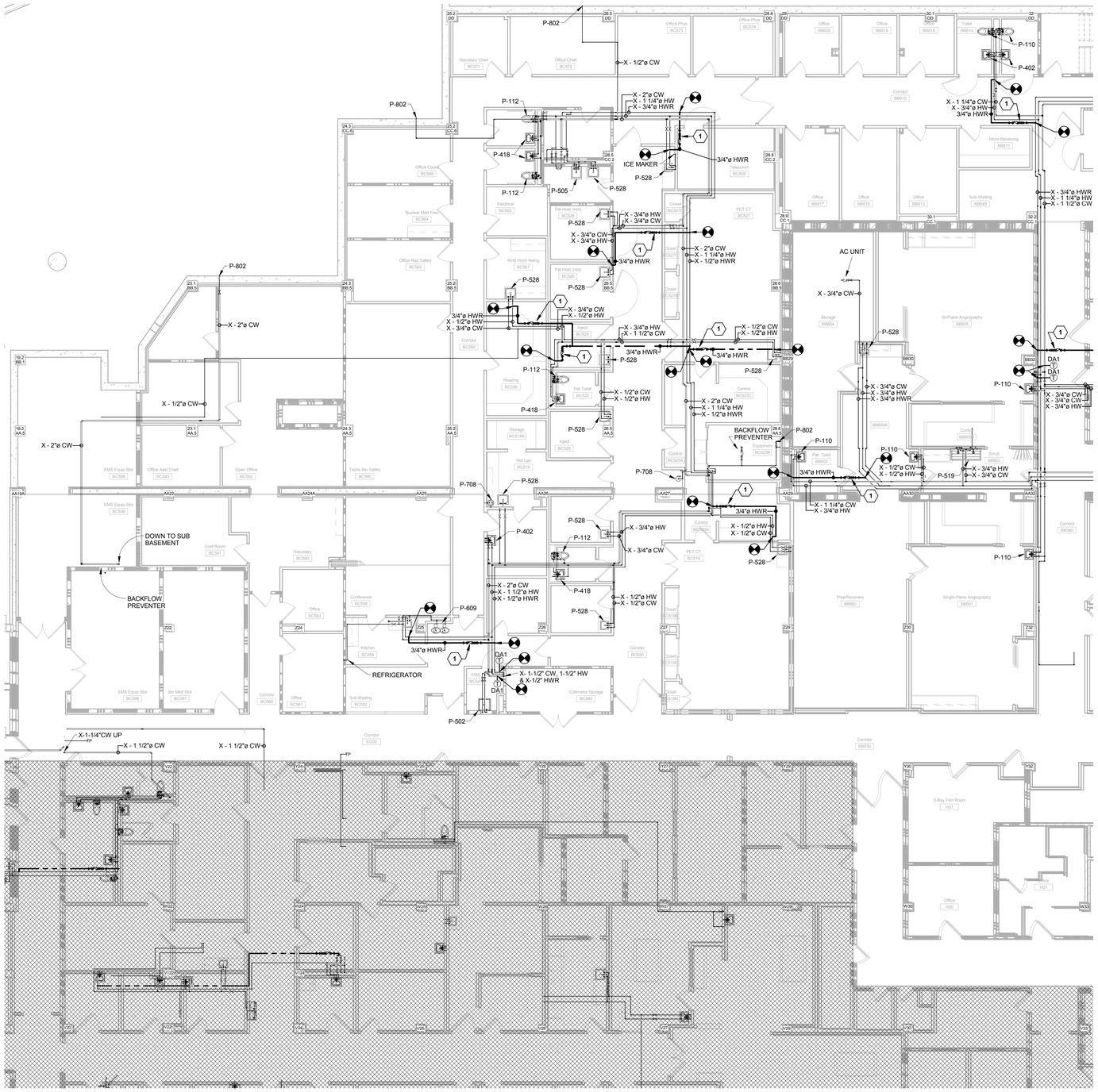
Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



KEY PLAN - RADIOLOGY B WEST
1" = 100'-0"



PARTIAL BASEMENT PLUMBING PLAN - RADIOLOGY WEST 1

1/8" = 1'-0"

0' 4' 8' 16' 32'

SECOND SHIFT WORK NOTE

ALL WORK SHOWN ON THIS FLOOR PLAN SHALL BE COMPLETED AFTER THE DEPARTMENT HAS COMPLETED WORK FOR THE DAY. THE STARTING TIME WILL VARY BY DEPARTMENT AND MUST BE COORDINATED WITH THE COR. IN THE CASE OF A SCHEDULING CONFLICT, THE CONTRACTOR SHALL NOTIFY THE COR OF THE AREA WHERE WORK IS BEING STOPPED AND IDENTIFY THE FLOAT AREA THEY PLAN TO WORK IN FOR THE NIGHT.

DEDUCT ALTERNATE #1 NOTES

BASE BID: INSTALL ALL NEW SENSORS AS SHOWN ON THIS SHEET.

DEDUCT ALTERNATE #1: OMIT ALL (T) SENSORS DENOTED BY "DA1" ON THIS SHEET.

CODED NOTES

(1) PROVIDE NEW 3/4" DOMESTIC HOT WATER RETURN LINE WITH HOT WATER RECIRCULATION VALVE ASSEMBLY.

FULLY SPRINKLERED

BID ISSUE	4/29/2016
Revisions:	**Date**

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
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ARCHITECT:

Drawing Title: **PARTIAL BASEMENT PLUMBING PLAN - RADIOLOGY WEST**

Approved:

Project Title: **IMPROVE WATER SYSTEM TO PREVENT LEGIONELLA**

Location: **VAMC - WADE PARK**

Date: 4/29/2016 | Checked: DAD | Drawn: JMC

Project Number: 541-16-101

Building Number: MAIN CAMPUS

Drawing Number: **B-RADW**

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978