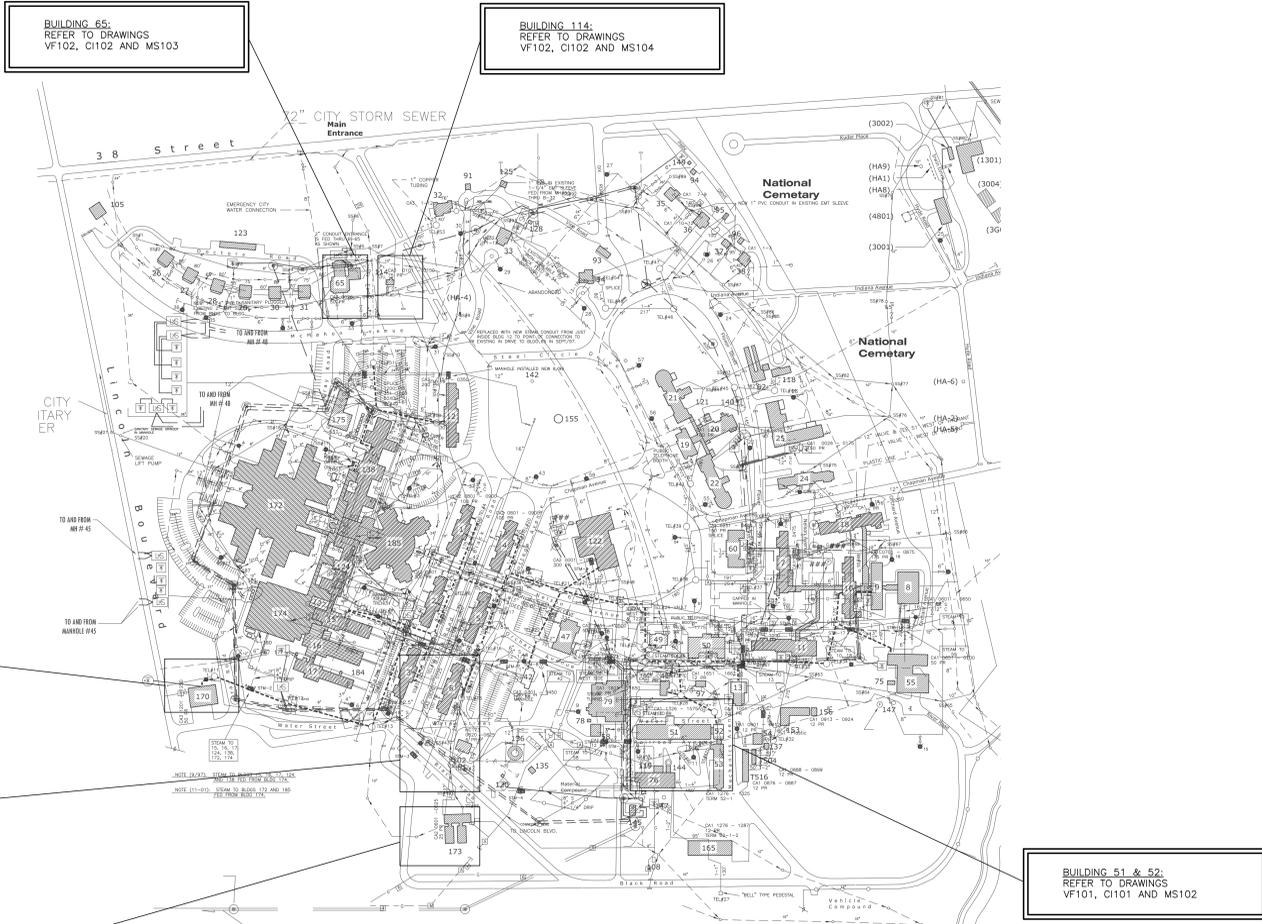


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

DRAWING INDEX	
SHT NO	DESCRIPTION
SME000	TITLE SHEET
VF101	BUILDING 6, 52 & 173 EXISTING TOPOGRAPHICAL SURVEYS
VF102	BUILDING 65, 114 & 170 EXIST. TOPOGRAPHICAL SURVEYS
CI101	BUILDING 6, 52 & 173 SITE PLANS
CI102	BUILDING 65, 114 & 170 SITE PLANS
MD101	BUILDING 6 MECHANICAL DEMOLITION PLANS
MD102	BUILDING 51 & 52 MECHANICAL DEMOLITION PLANS
MD103	BUILDING 65 MECHANICAL DEMOLITION PLANS
MD104	BUILDING 114 MECHANICAL DEMOLITION PLAN
MD105	BUILDING 170 MECHANICAL DEMOLITION PLAN
MD106	BUILDING 173 MECHANICAL DEMOLITION PLAN
MS101	BUILDING 6 MECHANICAL SITE PLAN
MS102	BUILDING 51 & 52 MECHANICAL SITE PLAN
MS103	BUILDING 65 MECHANICAL SITE PLAN
MS104	BUILDING 114 MECHANICAL SITE PLAN
MS105	BUILDING 170 MECHANICAL SITE PLAN
MS106	BUILDING 173 MECHANICAL SITE PLAN
MH101	BUILDING 6 MECHANICAL PLANS
MH102	BUILDING 51 & 52 MECHANICAL PLANS
MH103	BUILDING 65 MECHANICAL PLANS
MH104	BUILDING 114 MECHANICAL PLAN
MH105	BUILDING 170 MECHANICAL PLAN
MH106	BUILDING 173 MECHANICAL PLAN
MH601	MECHANICAL SCHEDULES
MH602	MECHANICAL DETAILS
MH603	MECHANICAL DETAILS
MH701	CONTROL DIAGRAMS AND POINTS LISTS
E101	BUILDING 6 ELECTRICAL PLANS
E102	BUILDING 51 & 52 ELECTRICAL PLANS
E103	BUILDING 65 FIRST FLOOR ELECTRICAL PLAN
E104	BUILDING 114 ELECTRICAL PLAN
E105	BUILDING 170 FIRST FLOOR ELECTRICAL PLAN
E106	BUILDING 173 ELECTRICAL PLAN
E601	ELECTRICAL ONE LINE DIAGRAM/PANEL SCHEDULES



BUILDING 170:
 REFER TO DRAWINGS
 VF102, CI102 AND MS105

BUILDING 6:
 REFER TO DRAWINGS
 VF101, CI101 AND MS101

BUILDING 173:
 REFER TO DRAWINGS
 VF101, CI101 AND MS106

BUILDING 51 & 52:
 REFER TO DRAWINGS
 VF101, CI101 AND MS102

MARION CAMPUS
 SCALE: 1" = 200'-0"

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
90% CONSTRUCTION DRAWINGS	06-08-11
50% DD	02-22-11
35% DD	01-12-11
Revisions:	Date

CONSULTANTS: MONUMENT ENGINEERING GROUP ASSOCIATES

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ARCHITECT/ENGINEERS:

Drawing Title:
 TITLE SHEET

Approved: Project Director

Project Title:
 GROUND SOURCE HEAT PUMP PHASE II
 VA HEALTH CARE SYSTEM

Location:
 VA - MARION, INDIANA

Date:
 02-22-11

Project Number:
 2010 536 02

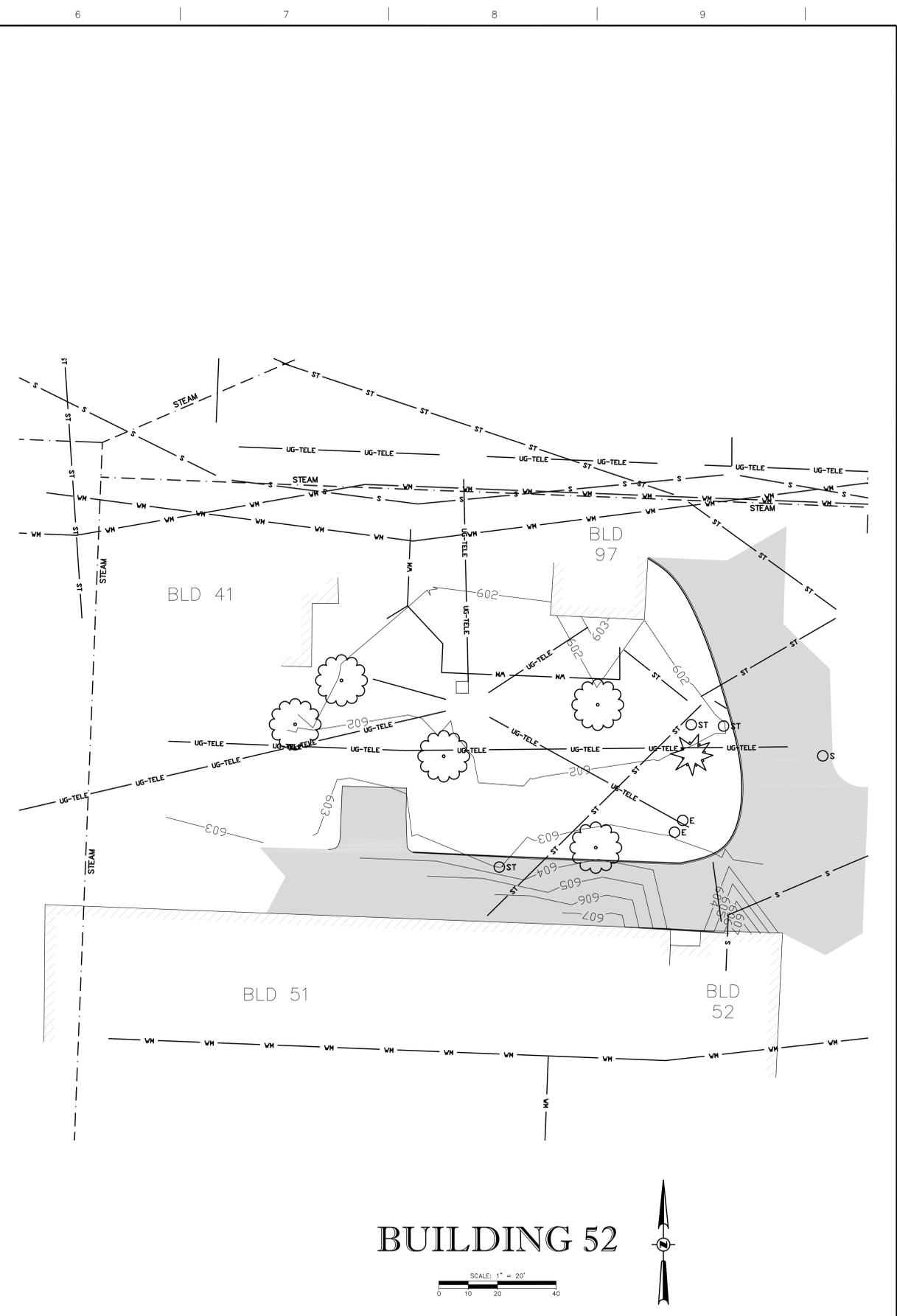
Building Number:
 -

Drawing Number:
SME000

Dwg. 1 of 34

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Department of Veterans Affairs



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

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
Revisions:	Date

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ARCHITECT/ENGINEERS:

Drawing Title:
 Buildings 6, 52 & 173
 Existing Topographical Surveys

Approved: Project Director

Project Title:
**GROUND SOURCE HEAT PUMP PHASE II
 VA HEALTH CARE SYSTEM**

Location:
 VA - MARION, INDIANA

Date: 02-22-11

Checked: _____
 Drawn: _____

Project Number:
 2010 536 02

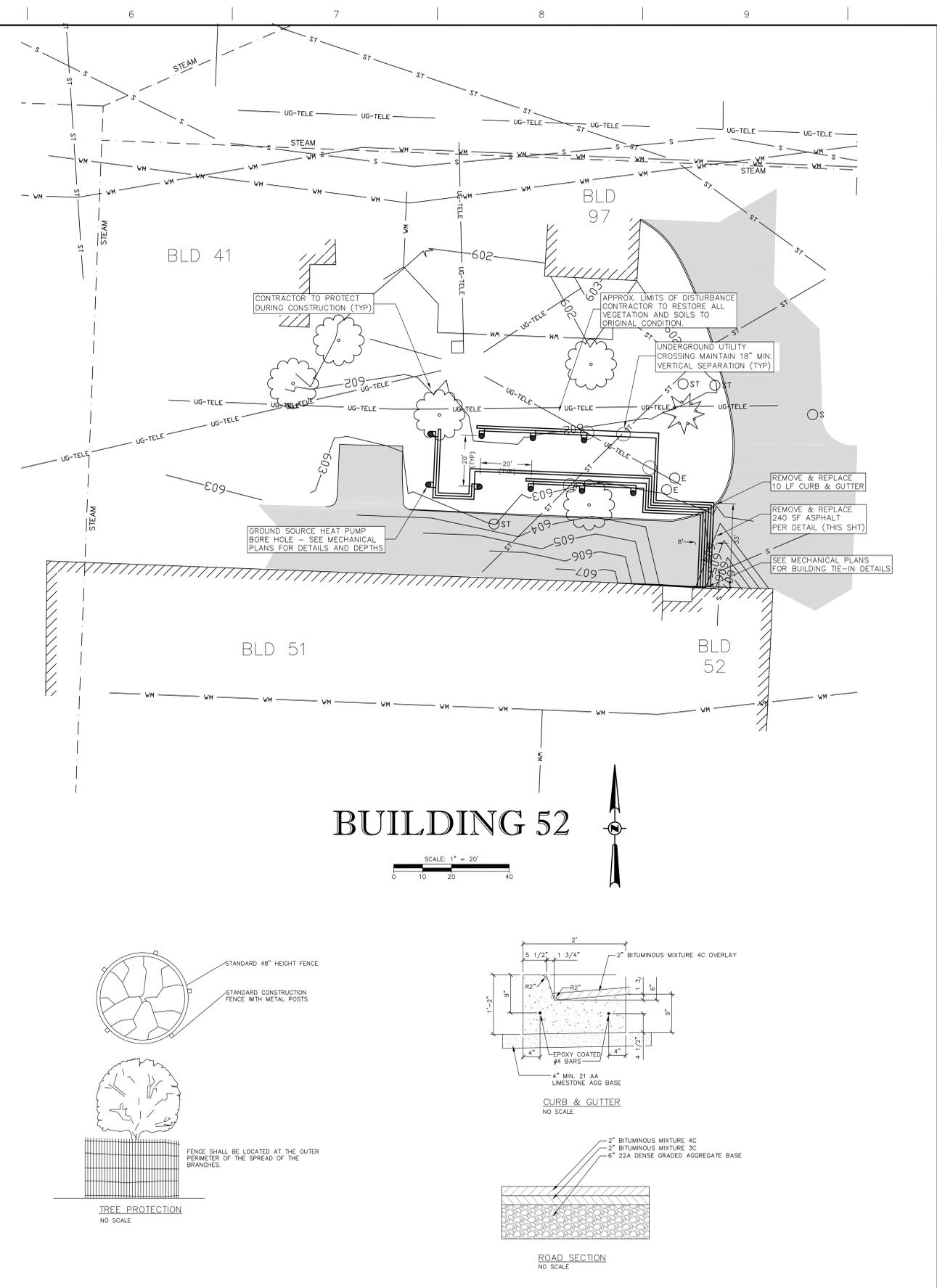
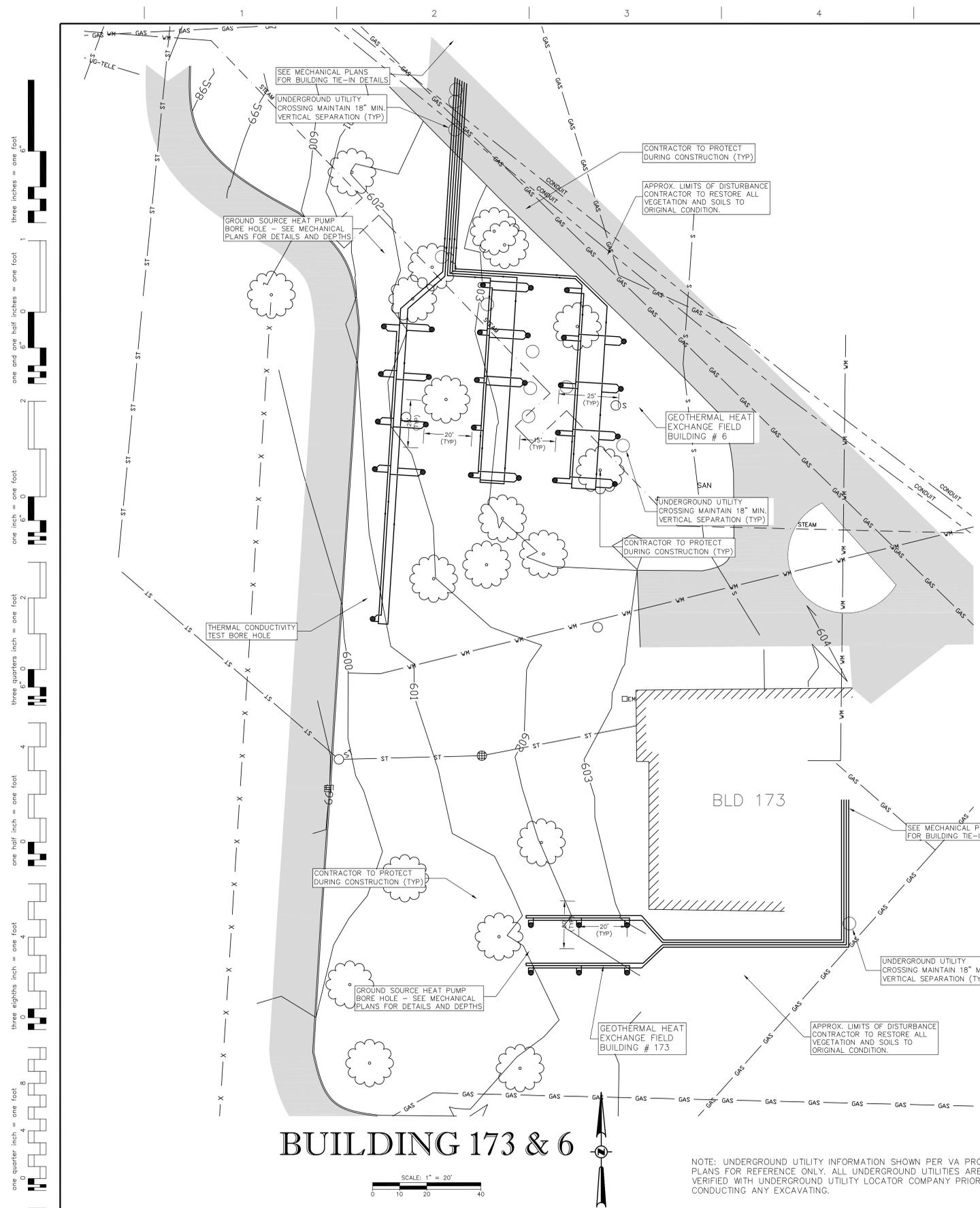
Building Number:
 52, 173 & 6

Drawing Number:
 VF101

Dwg. 2 of 34

**Office of
 Construction
 and Facilities
 Management**

Department of
 Veterans Affairs



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

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
Revisions	Date

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ARCHITECT/ENGINEERS:

Drawing Title:
 Buildings 65, 114 & 170
 Site Plans

Approved: Project Director

Project Title:
 GROUND SOURCE HEAT PUMP PHASE II
 VA HEALTH CARE SYSTEM

Project Number:
 2010 536 02

Building Number:
 52, 173 & 6

Drawing Number:
 C1101

Date: 02-22-11

Checked:

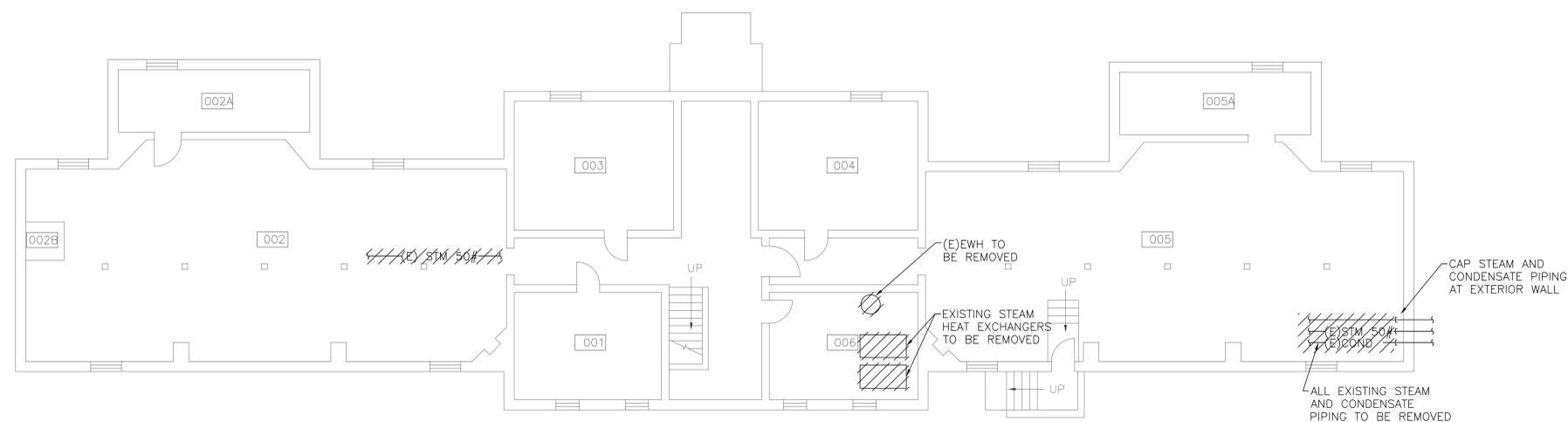
Drawn:

Dwg. 5 of 34

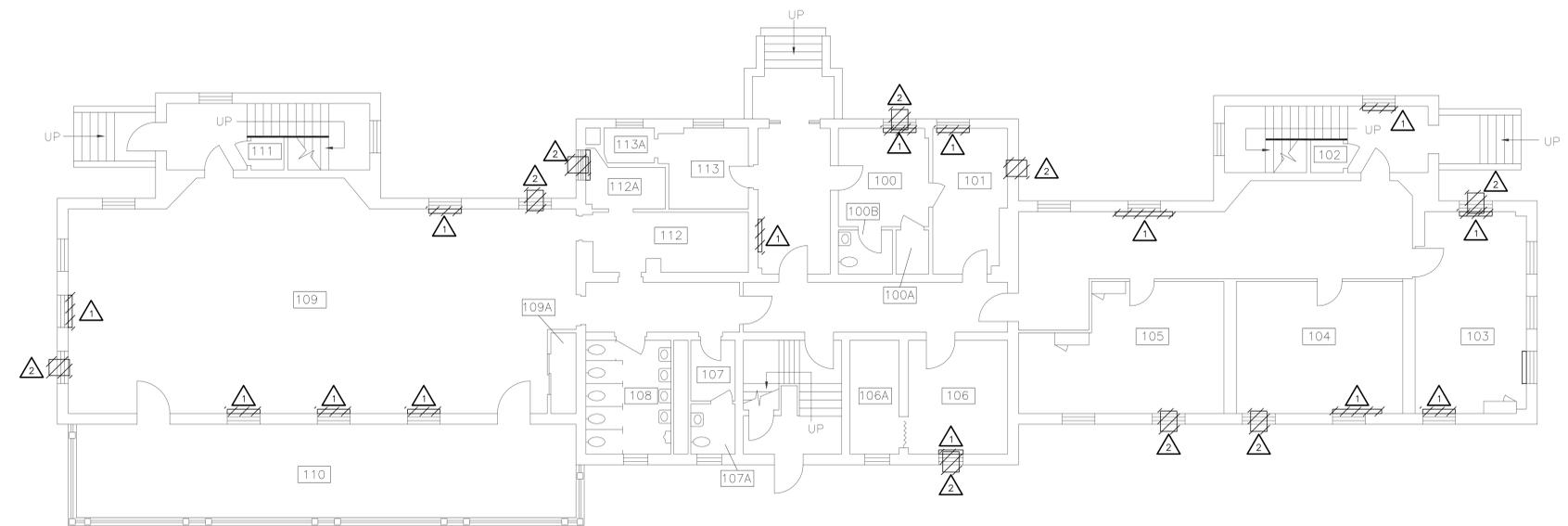
Office of Construction and Facilities Management

Department of Veterans Affairs

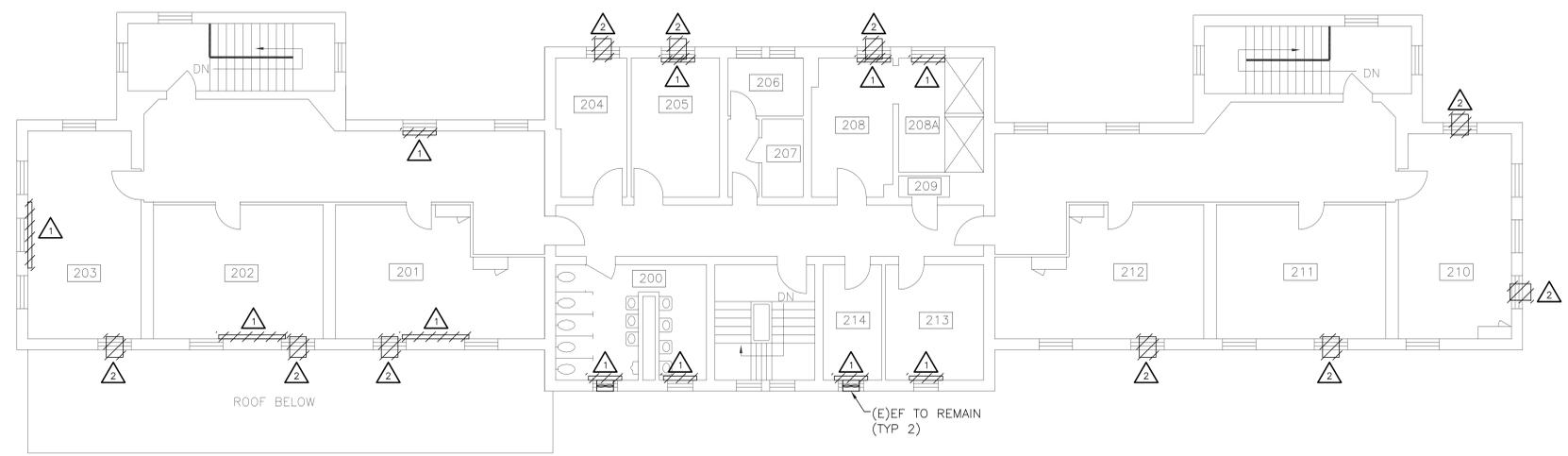
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



BUILDING 6 BASEMENT MECHANICAL DEMOLITION PLAN
SCALE 1/8" = 1'-0"



BUILDING 6 FIRST FLOOR MECHANICAL DEMOLITION PLAN
SCALE 1/8" = 1'-0"



BUILDING 6 SECOND FLOOR MECHANICAL DEMOLITION PLAN
SCALE 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF WORK TO BE PERFORMED. THE EXACT EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK.
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3. ALL DEMOLITION OF THE EXISTING MECHANICAL SYSTEMS, INCLUDING BUT NOT LIMITED TO PIPING, DUCTWORK, CONTROLS, SUPPORTS, HANGERS, AND EQUIPMENT SHALL BE UNDER SCOPE OF DIVISION 15 OF THE SPECIFICATIONS.
4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

DEMOLITION KEY NOTES

-  EXISTING BASEBOARD STEAM RADIATION TO BE REMOVED
-  EXISTING WINDOW AIR CONDITIONING UNIT TO BE REMOVED. CONTRACTOR SHALL PROPERLY DISPOSE OF UNIT.

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ARCHITECT/ENGINEERS:

Drawing Title:
BUILDING 6 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title
GROUND SOURCE HEAT PUMP PHASE II
VA HEALTH CARE SYSTEM

Location:
VA - MARION, INDIANA

Date: 02-22-11
Checked: SDS
Drawn: KTB

Project Number
2010 536 02

Building Number
6

Drawing Number
MD101
Dwg. 6 of 34

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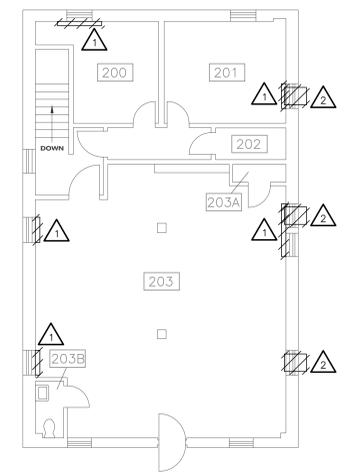
three inches = one foot
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 one eighth inch = one foot

GENERAL DEMOLITION NOTES

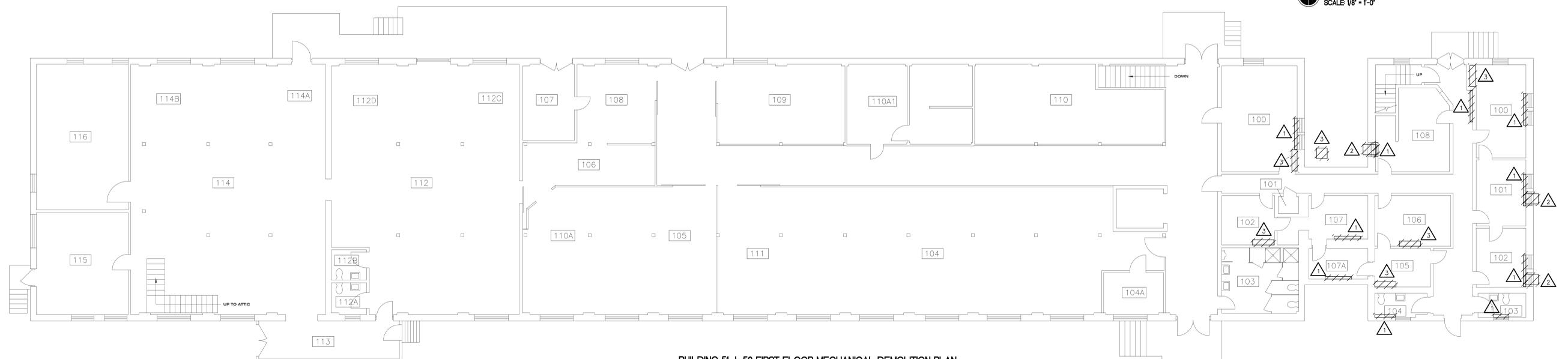
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4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

DEMOLITION KEY NOTES

- △ EXISTING BASEBOARD STEAM RADIATION TO BE REMOVED
- △ EXISTING WINDOW AIR CONDITIONING UNIT TO BE REMOVED. CONTRACTOR SHALL PROPERLY DISPOSE OF UNIT.
- △ EXISTING SPLIT SYSTEM A/C UNIT TO BE REMOVED



BUILDING 52 SECOND FLOOR MECHANICAL DEMO PLAN
 SCALE: 1/8" = 1'-0"



BUILDING 51 + 52 FIRST FLOOR MECHANICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



BUILDING 51 + 52 BASEMENT MECHANICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
90% CONSTRUCTION DRAWINGS	06-08-11
Revisions	Date

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ARCHITECT/ENGINEERS:

Drawing Title:
 BUILDING 51 + 52 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title:
 GROUND SOURCE HEAT PUMP PHASE II
 VA HEALTH CARE SYSTEM

Location:
 VA - MARION, INDIANA

Date: 02-22-11

Checked: SDS

Drawn: PDH

Project Number: 2010 536 02

Building Number: 51 + 52

Drawing Number: MD102

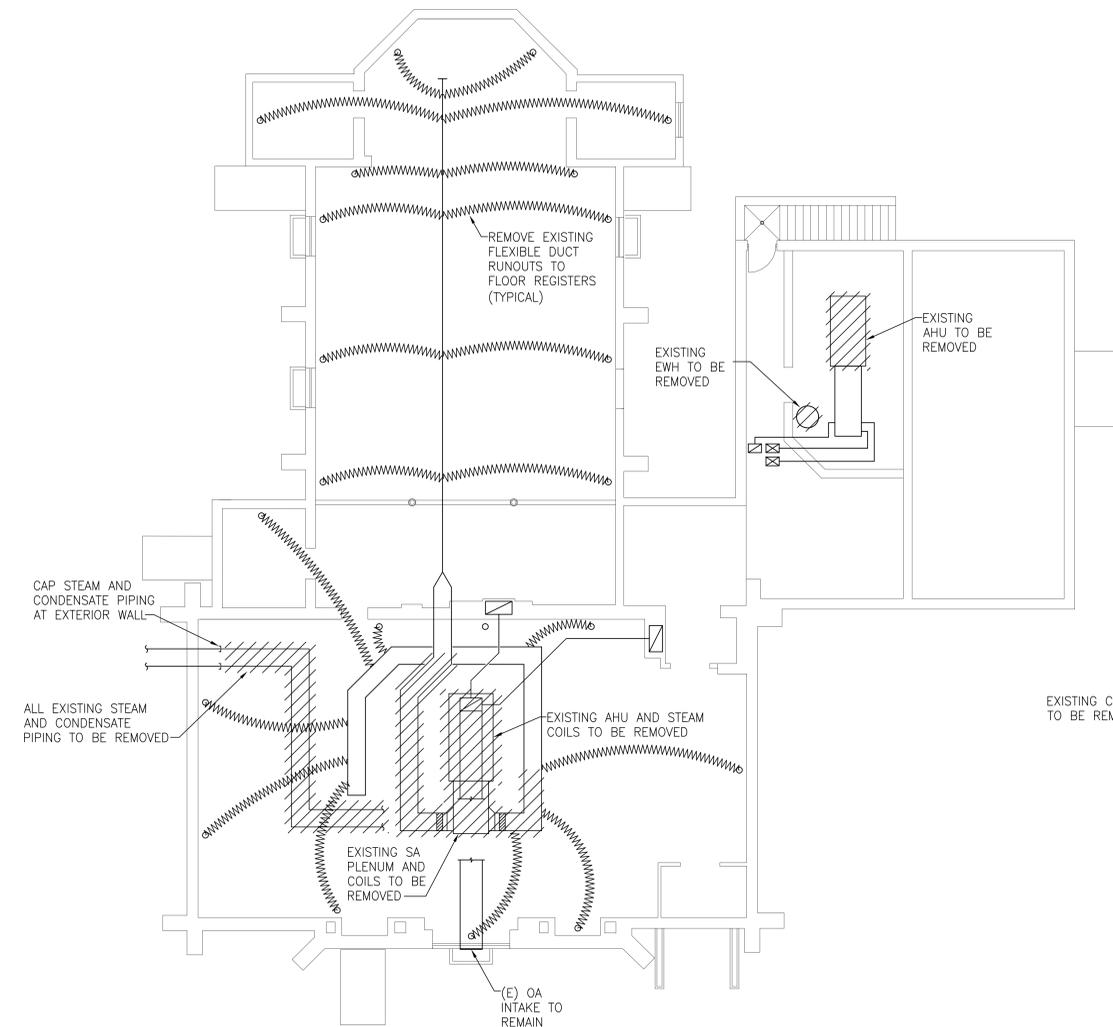
Dwg. 7 of 34

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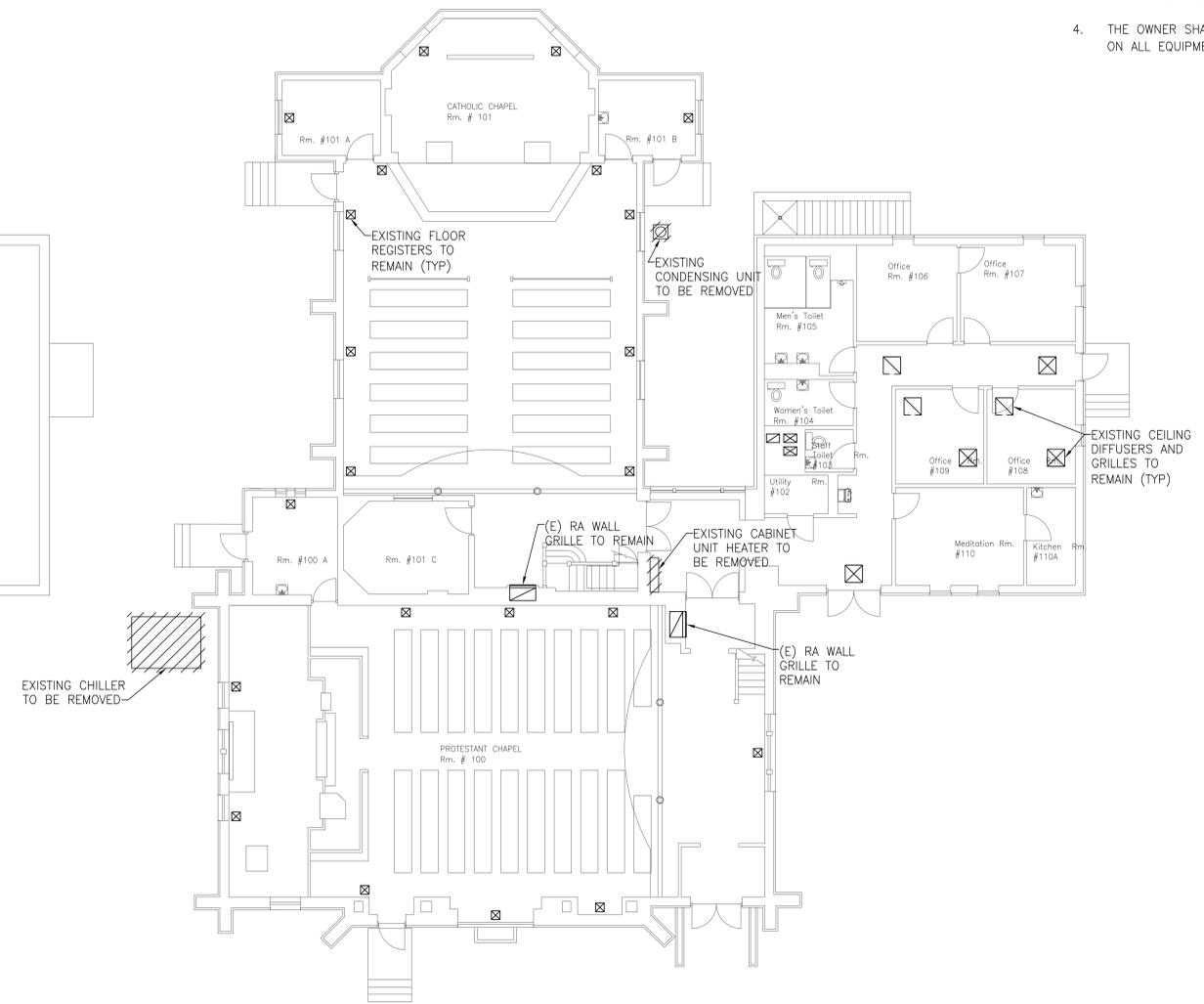
Department of Veterans Affairs

GENERAL DEMOLITION NOTES

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4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.



BUILDING 65 BASEMENT MECHANICAL DEMOLITION PLAN
SCALE 1/8" = 1'-0"



BUILDING 65 FIRST FLOOR MECHANICAL DEMOLITION PLAN
SCALE 1/8" = 1'-0"

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

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
90% CONSTRUCTION DRAWINGS	06-08-11
Revisions	Date

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ARCHITECT/ENGINEERS:

Drawing Title:
BUILDING 65 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title:
GROUND SOURCE HEAT PUMP PHASE II
VA HEALTH CARE SYSTEM

Location:
VA - MARION, INDIANA

Date: 02-22-11

Checked: SDS
Drawn: PDH

Project Number:
2010 536 02

Building Number:
65

Drawing Number:
MD103

Dwg. 8 of 34

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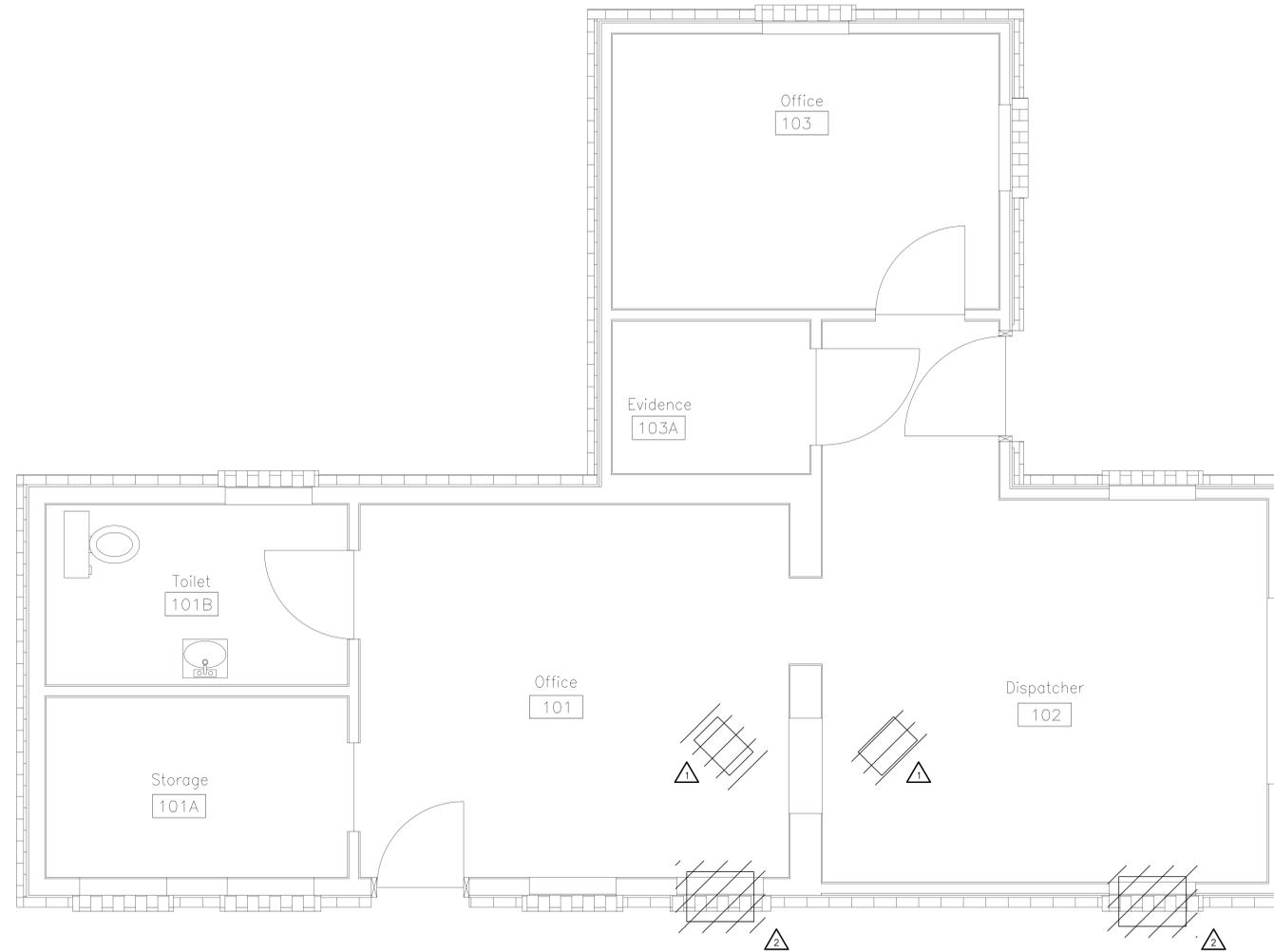
Department of Veterans Affairs

GENERAL DEMOLITION NOTES

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4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

DEMOLITION KEY NOTES

-  EXISTING ELECTRIC UNIT HEATER TO BE REMOVED
-  EXISTING WINDOW AIR CONDITIONING UNIT TO BE REMOVED. CONTRACTOR TO PROPERLY DISPOSE OF UNIT



BUILDING 114 MECHANICAL DEMOLITION PLAN
SCALE 1/2" = 1'-0"

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

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
90% CONSTRUCTION DRAWINGS	06-08-11
Revisions	Date

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ARCHITECT/ENGINEERS:

Drawing Title:
BUILDING 114 MECHANICAL DEMOLITION PLAN

Approved: Project Director

Project Title:
GROUND SOURCE HEAT PUMP PHASE II
VA HEALTH CARE SYSTEM

Location:
VA - MARION, INDIANA

Date: 02-22-11

Checked: SDS

Drawn: PDH

Project Number: 2010 536 02

Building Number: 114

Drawing Number: MD104

Dwg. 9 of 34

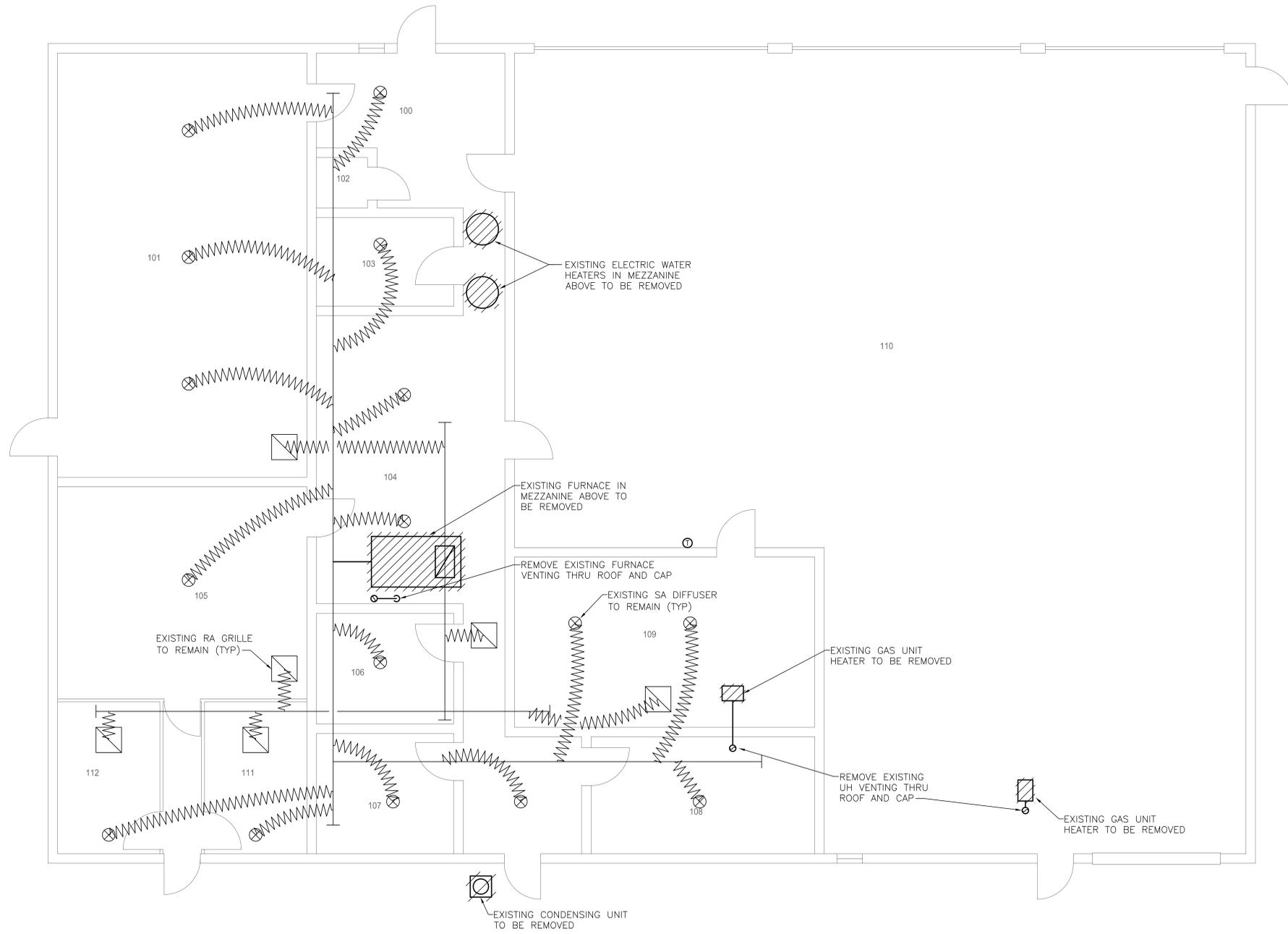
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4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.



BUILDING 170 FIRST FLOOR MECHANICAL DEMOLITION PLAN
SCALE 1/4" = 1'-0"

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

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
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ARCHITECT/ENGINEERS:

Drawing Title:
BUILDING 170 MECHANICAL DEMOLITION PLAN

Approved: Project Director

Project Title:
GROUND SOURCE HEAT PUMP PHASE II
VA HEALTH CARE SYSTEM

Location:
VA - MARION, INDIANA

Date: 02-22-11

Checked: SDS

Drawn: PDH

Project Number: 2010 536 02

Building Number: 170

Drawing Number: MD105

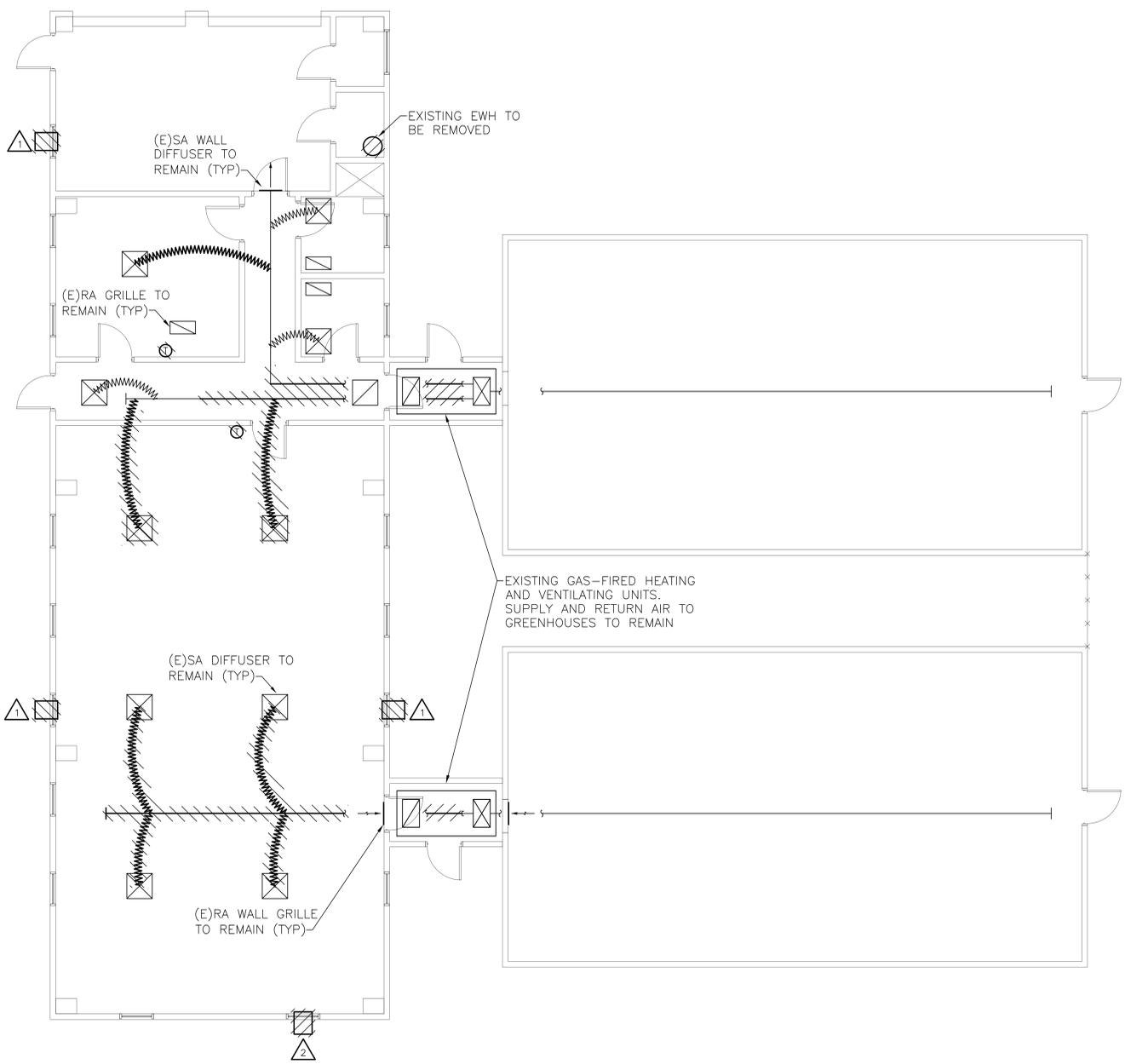
Dwg. 10 of 34

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Department of Veterans Affairs

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
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4. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

DEMOLITION KEY NOTES

△ EXISTING WINDOW AIR CONDITIONING UNIT TO BE REMOVED. CONTRACTOR TO PROPERLY DISPOSE OF UNIT.

BUILDING 173 MECHANICAL DEMOLITION PLAN
 SCALE: 3/16" = 1'-0"

BID DOCUMENTS	08-14-11
100% CONSTRUCTION DRAWINGS	07-14-11
90% CONSTRUCTION DRAWINGS	06-08-11
Revisions	Date

CONSULTANTS: MONUMENT ENGINEERING GROUP ASSOCIATES



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ARCHITECT/ENGINEERS:

Drawing Title:
 BUILDING 173 MECHANICAL DEMOLITION PLAN

Approved: Project Director

Project Title:
 GROUND SOURCE HEAT PUMP PHASE II
 VA HEALTH CARE SYSTEM

Location:
 VA - MARION, INDIANA

Date:
 02-22-11

Checked:
 SDS

Drawn:
 PDH

Project Number:
 2010 536 02

Building Number:
 173

Drawing Number:
MD106

Dwg. 11 of 34

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