

# SITE PREP INFORMATION TECHNOLOGY UNINTERRUPTIBLE POWER SUPPLY

# IOWA CITY VA HEALTH CARE SYSTEM

601 Hwy 6 West  
Iowa City, IA 52246

APRIL 30, 2012

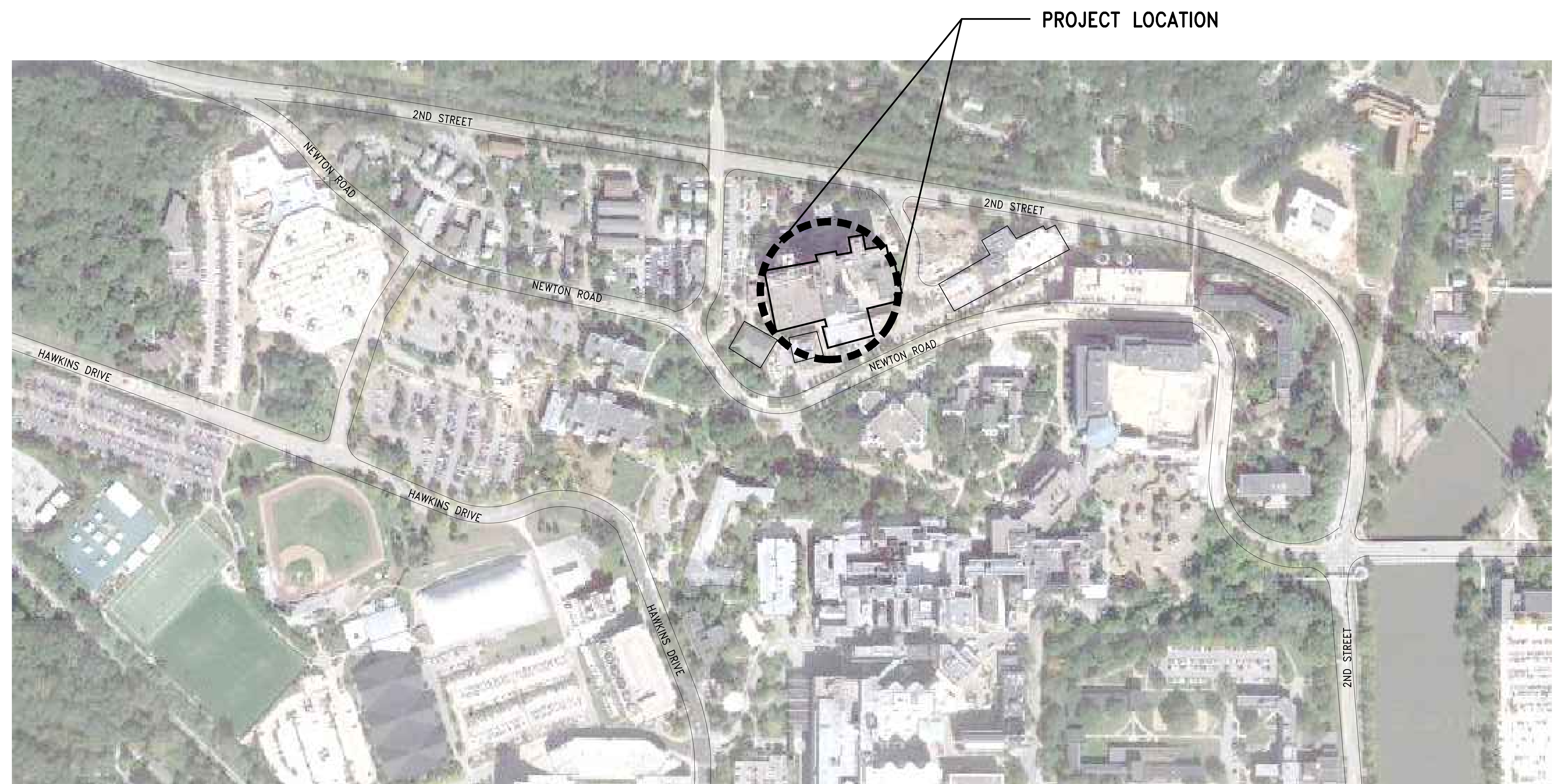
## DRAWING INDEX

### GENERAL

- 1-I1 COVER SHEET
- 1-I2 ABBREVIATIONS
- 1-L1 SIXTH FLOOR - ORIENTATION PLAN  
& ENLARGED FLOOR PLAN

### ELECTRICAL

- 1-E1 PARTIAL FLOOR PLANS - DEMOLITION
- 1-E2 PARTIAL SIXTH FLOOR PLAN - ELECTRICAL



1 PROJECT LOCATION  
NO SCALE



<div>Revisions</div> <div>Date</div>		CONSULTANTS:		ARCHITECT/ENGINEERS:	<div>SCHEMMER</div> <div>ARCHITECTS   ENGINEERS   PLANNERS</div> <div>TSA PROJECT NO. 09054004</div>	Drawing Title COVER SHEET	Project Title Iowa City VA Health Care System Site Prep Information Technology Uninterruptible Power Supply	Project Number 636A8-11-006SL	Office of Construction and Facilities Management 
						Approved Project Director	Location Iowa City, Iowa	Building Number 1	
						Date 4/30/2012	Checked RJR	Drawn KAH	



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

CONSULTANTS:

ARCHITECT/ENGINEERS:

**SCHEMMER**  
ARCHITECTS | ENGINEERS | PLANNERS

734 PROJECT NO. 09054004

Drawing Title  
**ABBREVIATIONS**

Approved Project Director

Project Title  
**Iowa City VA Health Care System  
Site Prep Information Technology  
Uninterruptible Power Supply**

Location  
**Iowa City, Iowa**

Date  
**4/30/2012**

Checked  
**RJR**

Drawn  
**KAH**

Project Number  
**636A8-11-006SL**

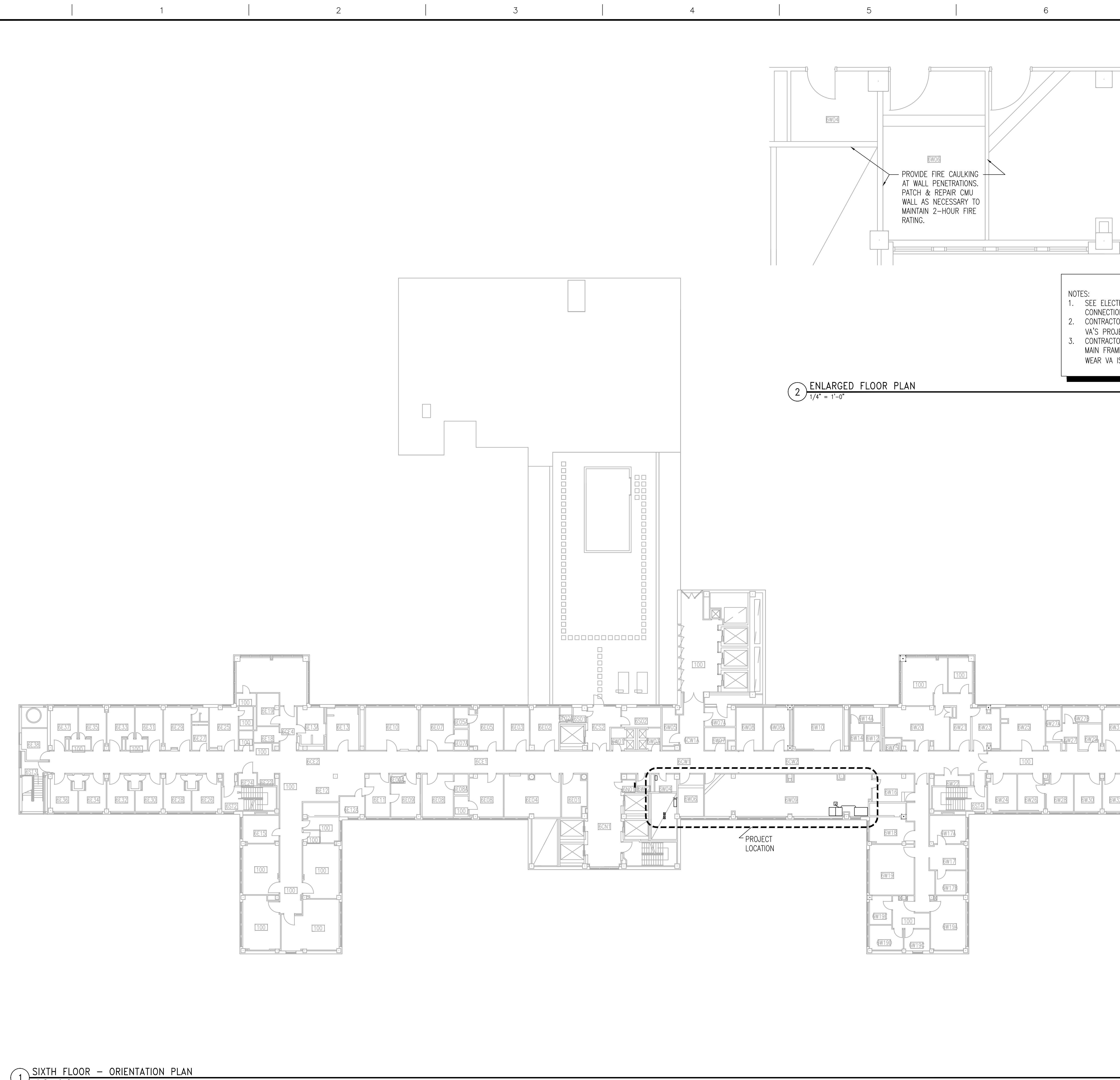
Building Number  
**1**

Drawing Number  
**1-12**

Dwg. 2 of 5

Office of  
Construction  
and Facilities  
Management

Department of  
Veterans Affairs



NOTES:

1. SEE ELECTRICAL SHEET FOR EXISTING & NEW EQUIPMENT LOCATIONS & CONNECTIONS.
2. CONTRACTOR TO COORDINATE ACCESS TO SECURE PROJECT LOCATION WITH THE VA'S PROJECT MANAGER
3. CONTRACTOR PERSONNEL SHALL BE ESCORTED AT ALL TIMES WHEN IN THE IT MAIN FRAME ROOM 6W09 AND IT STORAGE ROOM 6W06. ALL PERSONNEL SHALL WEAR VA ISSUED ID BADGES (PER SPECIFICATION).



A. THE DEMOLITION PLANS WERE PRODUCED BY DUPLICATING THE ORIGINAL DRAWINGS PROVIDED BY THE OWNER AND LIMITED FIELD VERIFICATION. DIMENSIONS AND EXISTING CONDITIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS. ITEMS WHICH ARE INTENDED TO BE REMOVED, RELOCATED, OR SALVAGED ARE SHOWN AS FULL-TONE LINES AND ARE LISTED IN THE REFERENCED DEMOLITION NOTES. ALL OTHER ITEMS ARE INTENDED TO REMAIN IN PLACE AND ARE SHOWN HALF-TONE.

B. DEMOLITION SHALL INCLUDE, BUT IS NOT LIMITED TO, THE ITEMS BELOW OR HERE-IN. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED RENOVATION AND NEW CONSTRUCTION WITH THE EXISTING BUILDING TO IDENTIFY THE TOTAL EXTENT OF THE DEMOLITION REQUIRED AND AS LISTED BELOW.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL EXISTING BUILDING COMPONENTS, MATERIALS, EQUIPMENT, AND APPURTENANCES AS REQUIRED TO BUILD, ERECT, INSTALL, OR ACCOMMODATE ALL NEW CONSTRUCTION WITH THE OWNER HAVING FIRST RIGHT OF REFUSAL ON ALL ITEMS.

D. ITEMS NOTED TO BE REMOVED AND SALVAGED OR REINSTALLED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR WITHOUT DAMAGE AND STORED OR REINSTALLED ON THE SITE AS DIRECTED. REMOVED AND SALVAGED ITEMS SHALL REMAIN THE PROPERTY OF THE OWNER.

E. WHERE EXISTING FLOOR MATERIALS AND/OR WALLS ARE TO BE REMOVED, PREP REMAINING FLOOR AND/OR WALL SUBSTRATE AS REQUIRED PER MANUFACTURERS RECOMMENDATIONS FOR THE NEW FLOOR/WALL FINISH MATERIAL. REMOVE ALL FINISH FLOORING DOWN TO BASE SUBSTRATE FLOORING AND PREP TO RECEIVE NEW FINISH.

F. IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE, MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, LEAD-BASED PAINT, OR ANY OTHER HAZARDOUS MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT IN WRITING. THE WORK IN THE AFFECTED AREA SHALL NOT THEREAFTER BE RESUMED EXCEPT BY WRITTEN AGREEMENT OF THE OWNER AND CONTRACTOR.

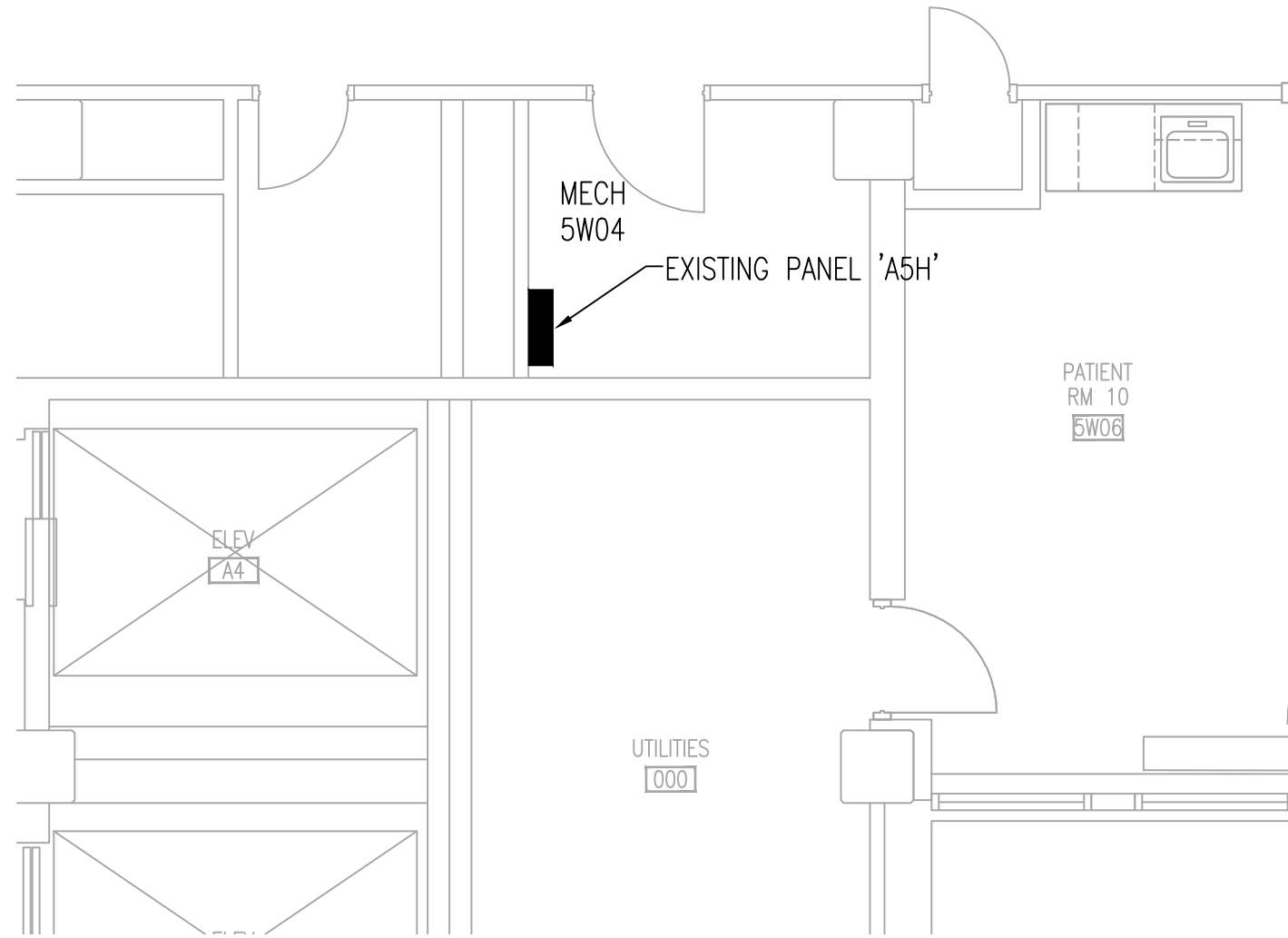
G. THE CONTRACTOR IS RESPONSIBLE FOR THE ERECTION, MAINTENANCE, AND REMOVAL OF ALL CONSTRUCTION BARRIERS.

H. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION.

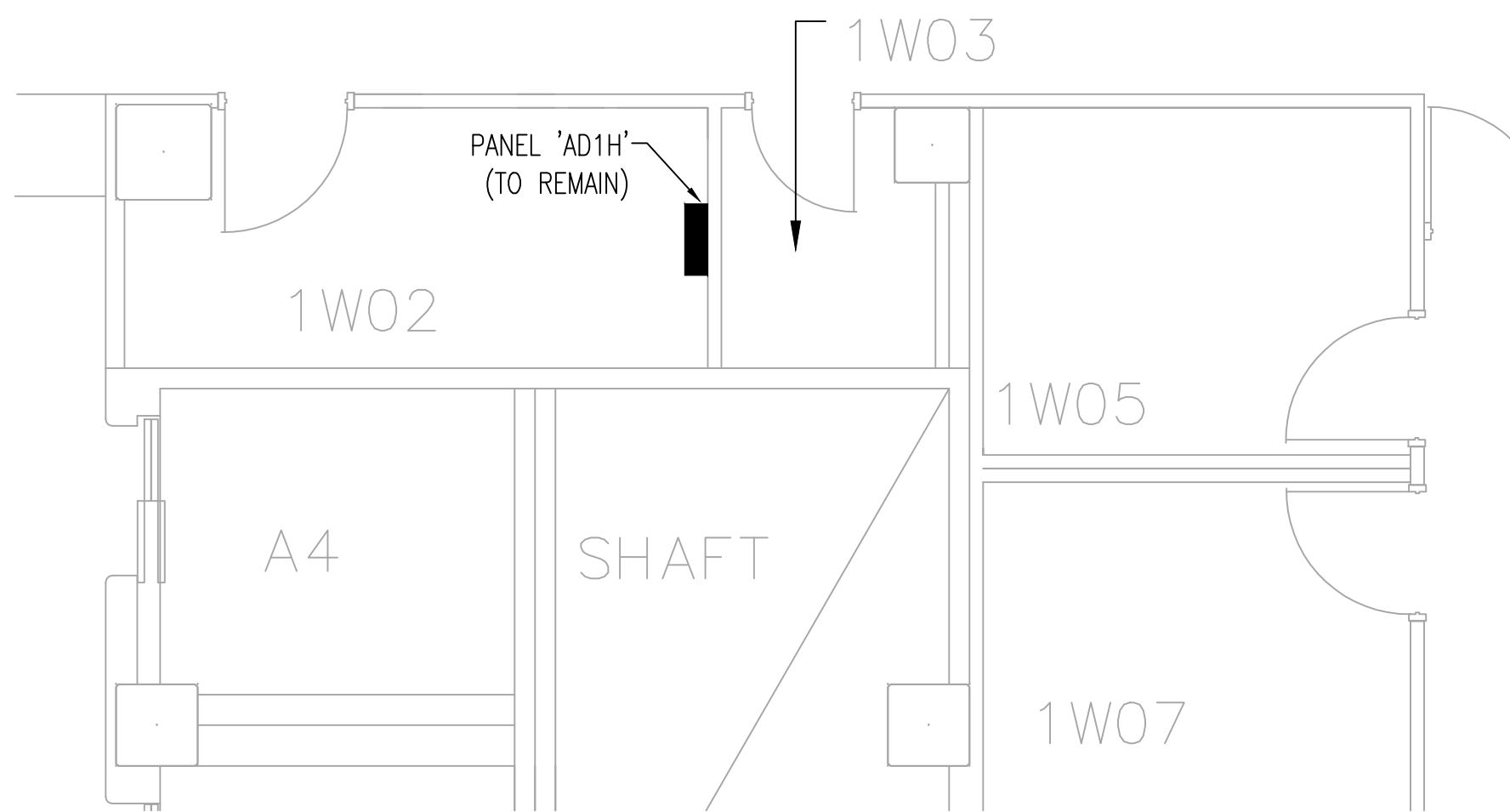
- A. EXISTING CONDITIONS ARE BASED ON DRAWINGS PROVIDED BY THE OWNER AND LIMITED FIELD VERIFICATION. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THOSE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
- B. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
- C. CONTRACTOR SHALL TAKE ALL MEASUREMENTS FOR WORK AND BE RESPONSIBLE FOR SAME. CONTRACTOR SHALL ADJUST FOR ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO OWNER. COORDINATE THE WORK AND SHOP DRAWINGS WITH ALL OTHER TRADES AFFECTED.
- D. SCREENED HALF-TONE LINES INDICATE EXISTING CONSTRUCTION TO REMAIN. FULL-TONE LINES INDICATE NEW OR RELOCATED CONSTRUCTION.
- E. ALL ANGLES ON THE FLOOR PLANS ARE 45 OR 90 DEGREES UNLESS OTHERWISE INDICATED.
- F. PROVIDE FIRE TREATED 2x6 OR LARGER WOOD BLOCKING IN WALLS AND FURRING SPACES AS REQUIRED FOR MOUNTING OF ALL WALL SUPPORTED ITEMS. WHETHER OR NOT DETAILED ON THE DRAWINGS, THE DRYWALL CONTRACTOR SHALL COORDINATE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES, AND SUPPORTING BRACKETS AS REQUIRED FOR THE INSTALLATION OF WALL MOUNTED OR SUSPENDED ELECTRICAL OR MISCELLANEOUS EQUIPMENT.
- G. PATCH EXISTING WALLS, FLOORS, AND CEILING SURFACES DEMOLISHED, CUT, CORED, OR ALTERED IN ANY WAY TO ACCOMMODATE NEW CONSTRUCTION OR TO RECEIVE NEW FINISHES.
- H. CONTRACTOR SHALL VERIFY CMU WALLS HAVE NO CHIPPED EDGES AND THAT JOINTS HAVE BEEN TOOLED TO REMOVE ALL EXCESS MORTAR AND ARE READY TO RECEIVE PAINT. CONTRACTOR SHALL COVER WALLS TO RECEIVE PAINT PRIOR TO HAVING PAINTER INSPECT FOR APPROVAL.
- I. PATCH ALL CONCRETE SLAB LOCATIONS DEMOLISHED TO INSTALL NEW ELECTRICAL WORK.

[illegible]

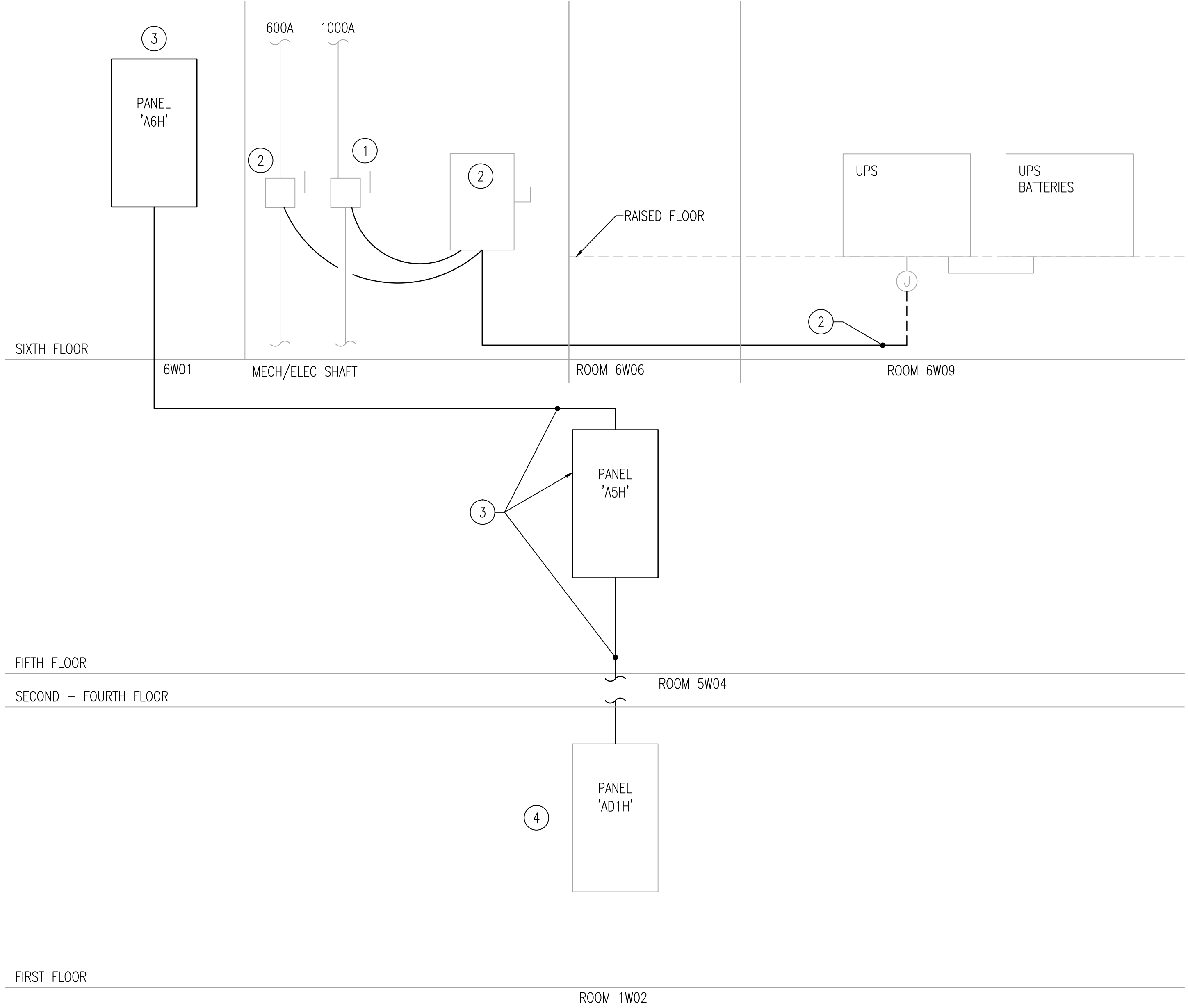
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



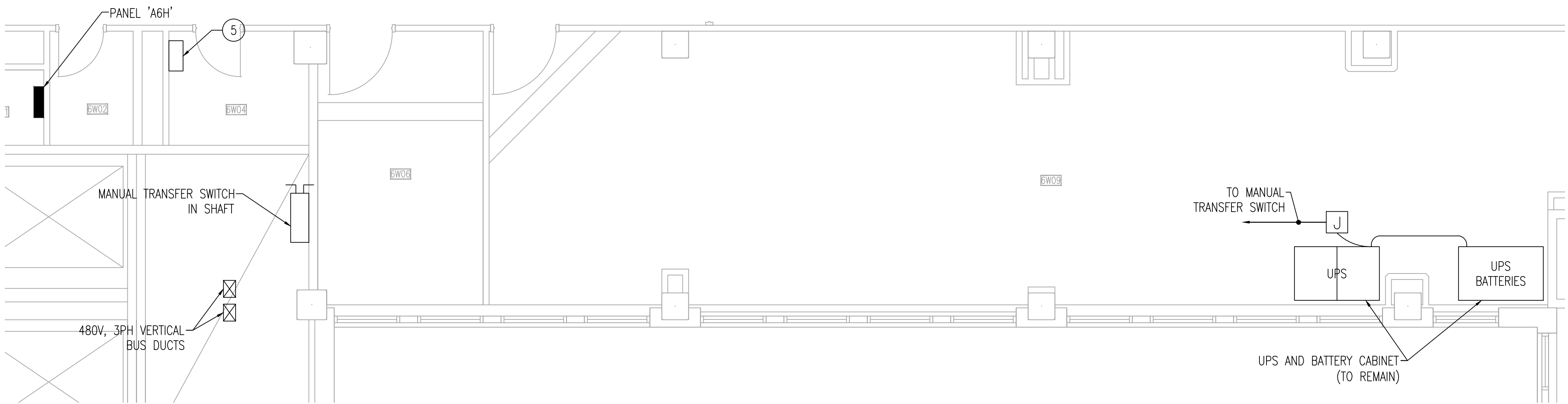
3 PARTIAL FIFTH FLOOR PLAN — DEMOLITION  
SCALE: 1/4" = 1' - 0"



4 PARTIAL FIRST FLOOR PLAN — DEMOLITION  
SCALE: 1/4" = 1' - 0"



2 PARTIAL POWER RISER DIAGRAM — DEMOLITION  
NO SCALE



1 PARTIAL SIXTH FLOOR PLAN — DEMOLITION  
SCALE: 1/4" = 1' - 0"

### GENERAL DEMOLITION NOTES:

- ALL OF THE EQUIPMENT AND DEVICES SHOWN ON THIS DRAWING ARE EXISTING. THE LOCATIONS OF THE EQUIPMENT AND DEVICES WERE OBTAINED FROM EXISTING DRAWING AND FIELD INVESTIGATION. THE LOCATIONS OF THE EXISTING EQUIPMENT AND DEVICES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. ACCURACY OF THE INFORMATION SHOWN IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATIONS OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. SITE VISITS PRIOR TO SUBMISSION OF BIDS NEED TO BE FULLY COORDINATED WITH THE OWNER.
- CIRCUIT INFORMATION FOR ALL AFFECTED CIRCUITS SHALL BE VERIFIED PRIOR TO COMMENCING WORK. ACCURACY OF THE INFORMATION SHOWN AND INCLUDED ON THE PANEL SCHEDULES IS NOT GUARANTEED.
- THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL. ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ANY PCB BALLAST OR HAZARDOUS LAMPS.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE LABELING OF SPARE OR ABANDONED CIRCUITS AND/OR CIRCUIT BREAKERS IN ALL PANELS AFFECTED BY THE DEMOLITION. SPARE CIRCUITS AND/OR CIRCUIT BREAKERS MAY BE REUSED FOR THE CIRCUITING OF THE NEW OR REMODELED AREA AS SPACE AND PANEL LOADING WILL ALLOW.
- EXISTING FIRE ALARM DEVICES, EMERGENCY LIGHTS AND EXIT SIGNS SHALL BE COMPLETE AND OPERABLE AT ALL TIMES. PROVIDE TEMPORARY DEVICES IN AREAS BEING WORKED ON TO ALLOW FOR A WORKABLE SYSTEM DURING CONSTRUCTION.
- PROVIDE MINIMUM [14] DAYS ADVANCE NOTICE OF OUTAGES. COORDINATE WITH OWNER FOR ALL ANTICIPATED OUTAGES. OWNER HAS FINAL APPROVAL ON TIME AND EXTENT OF POWER OUTAGE. CONTRACTOR TO MINIMIZE THE NUMBER OF ELECTRICAL OUTAGES. ANY OUTAGE AFFECTING THE IT ROOM SHALL OCCUR AFTER HOURS (AFTER 5PM OR ON WEEKENDS) AND SHALL LAST A MAXIMUM OF 1 HOUR.

### REFERENCED DEMOLITION NOTES: (X)

- REMOVE CONNECTION FROM 225A DISCONNECT ON THE 1000A BUSDUCT TO THE EXISTING TRANSFER SWITCH TO ALLOW FOR CONNECTION TO NEW TRANSFER SWITCH.
- CONTRACTOR SHALL MAINTAIN CONNECTION FROM 600A BUSDUCT TO UPS THROUGH TRANSFER SWITCH UNTIL NEW WORK IS COMPLETED AND UPS IS CUT OVER TO NEW SOURCE. AFTER CUT OVER, REMOVE CONNECTION FROM BUSDUCT TO SWITCH, AND REMOVE CONDUCTORS AND CONDUIT FROM SWITCH TO UPS JUNCTION BOX. LABEL BUSDUCT DISCONNECT AND TRANSFER SWITCH A SPARE.
- REMOVE PANELS A5H AND A6H. REMOVE CONDUIT AND CONDUCTORS FROM AD1H TO A5H, AND A5H TO A6H. TURN CIRCUIT BREAKERS OVER TO OWNER.
- LABEL CIRCUIT BREAKER PREVIOUSLY SERVING PANEL A5H AS SPARE.
- REMOVE EXISTING CABINET TO ALLOW FOR INSTALLATION OF NEW TRANSFER SWITCH.
- ACCESS TO SHAFT ALLOWED AT 5TH AND 8TH FLOORS.

Revisions	Date	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title PARTIAL FLOOR PLANS - DEMOLITION	Project Title Iowa City VA Health Care System Site Prep Information Technology Uninterruptible Power Supply	Project Number 636A8-11-006SL Building Number 1	Office of Construction and Facilities Management
			<b>SCHEMMER</b> ARCHITECTS   ENGINEERS   PLANNERS TSA PROJECT NO. 09054004	Approved Project Director	Location Iowa City, Iowa	Drawing Number 1-E1 Dwg. 4 of 5	Department of Veterans Affairs
				Date 4/30/2012	Checked BF	Drawn ACS	





