

INFECTION CONTROL REQUIREMENTS (CLASS II - LOW RISK)

DURING CONSTRUCTION:

1. UTILIZE STAIRWELL 1W-3 FOR CONTRACTOR ENTRANCE / EXIT TO WORK AREA IN (PHASE 1) LOCATION.
2. UTILIZE ENTRANCE LOCATED AT CONNECTING CORRIDOR BETWEEN BUILDING 1W AND BUILDING 4 FOR CONTRACTOR ENTRANCE / EXIT TO WORK AREA IN (PHASE 2) LOCATION.
3. EXECUTE WORK METHODS TO MINIMIZE DUST FROM CONSTRUCTION OPERATIONS. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO THE ATMOSPHERE.
4. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING.
5. INSTALL CONSTRUCTION DUST CONTROL BARRIER SYSTEM. SEAL UNUSED DOORS WITH DUCK TAPE, (SEE SHEET AD-101).
6. BLOCK OFF AND SEAL AIR VENTS.
7. PLACE DUST MAT AT ACCESS POINTS OF WORK AREAS.
8. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
9. ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED TO PREVENT CONTAMINATION OF DUST.

UPON COMPLETION OF PROJECT:

1. WIPE SURFACES WITH DISINFECTANT.
2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
3. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA.
4. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

SUBMITTAL:

PRIOR TO STARTING WORK, THE CONTRACTOR SHALL SUBMIT TUBERCULOSIS SKIN TEST (PPD SKIN TEST) RESULTS FOR ALL PERSONNEL ASSIGNED TO PERFORM WORK WITHIN THE VA CENTRAL IOWA HEALTHCARE FACILITY.

PHASING NOTES

1. PRIOR TO STARTING (PHASE 2) , ALL WORK IN THE NEW HISTOLOGY (PHASE 1) AREA SHALL BE SUBSTANTIALLY COMPLETE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SO THAT THE OWNER CAN OCCUPY OR UTILIZE THE WORK FOR ITS INTENDED PURPOSE.

PHASING LEGEND

- PHASE 1 NEW HISTOLOGY LAB
- PHASE 2 NEW VOLUNTEER SERVICES OFFICE

Ammendment #001		28 Feb 2014		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title:		Project Title:		Project Number:		Engineering Office	
						VA Central Iowa HCS		PHASING PLAN		Relocate Histology Lab		636A6-14-101SL		VA Des Moines	
						Office of Engineering and Facility Management		Approved (Project Director):		Location:		Building Number:		CIHCS	
						Engineer: Troy Martinson, PE		Roger Fry		VA Central Iowa HCS, Des Moines, IA		1			
						Designer: Jeff McDonald				Date:		Drawing Number:			
Revisions:		Date								2-28-2014		G-004			
										Checked		Dwg. 4 of 48			
										RF					
										Drawn					
										TJM					

A

B

C

D

E

F

S:\06\Engineering\Construction Projects\2014 Project\Files\NRM\63646-14-101SL Relocate Histology Lab\01-Design\01-Drawings\4D-101 Demolition Plan.dwg | 2-26-14 08:22:23 AM VHACHMantl

GENERAL DEMOLITION NOTES

1. REMOVE EXISTING CONSTRUCTION WITHIN PROJECT LIMITS AS INDICATED OR AS REQUIRED TO COMPLETE WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE RESIDENT ENGINEER PRIOR TO START OF DEMOLITION CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER PRIOR TO REMOVAL OF MATERIAL, FURNITURE, CASEWORK, OR EQUIPMENT NOT INDICATED ON THE DRAWINGS TO BE REMOVED.
4. SHOULD MATERIAL APPEARING TO CONTAIN ASBESTOS BE ENCOUNTERED DURING THE COURSE OF WORK, CONTRACTOR SHALL STOP WORKING INVOLVING SAID MATERIAL AND NOTIFY THE RESIDENT ENGINEER IMMEDIATELY.
5. UNLESS DIRECTED OTHERWISE, DISPOSE OF ALL ITEMS SHOWN TO BE DEMOLISHED.
6. WHERE PARTITION OR CEILING MOUNTED EQUIPMENT, NOT CALLED OUT FOR DEMOLITION IN ARCHITECTURAL, MECHANICAL, PLUMBING, OR ELECTRICAL DRAWINGS, IS ATTACHED TO PARTITIONS OR CEILINGS SCHEDULED FOR DEMOLITION, CONTRACTOR SHALL COORDINATE REMOVAL OF SAID EQUIPMENT WITH RESIDENT ENGINEER.
7. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. PATCH REPAIR SURFACES AS REQUIRED IN ASSOCIATED ELECTRICAL, DATA, AND PLUMBING WORK AND PREPARE TO RECEIVE NEW FINISH.
8. UNLESS OTHERWISE NOTED, ALL PLUMBING FIXTURES/DOMESTIC WATER PIPING TO BE REMOVED SHALL BE FREEZED AND CAPPED BELOW FLOOR STRUCTURE PRIOR TO START OF DEMOLITION WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING STRUCTURES, EQUIPMENT, AND FINISHES SURROUNDING THE AREA OF WORK. DAMAGE TO EXISTING STRUCTURES, PAVEMENT/GRADES, EQUIPMENT OR FINISHES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST THE OWNER. REPAIR AND REPLACEMENT SHALL MATCH ADJACENT MATERIALS. EXTEND REPAIR AND REPLACEMENT TO BREAK IN PLAN OR FIRST MATERIAL JOINT BEYOND DAMAGE.
10. ALL EXISTING SURFACES WHICH REMAIN IN PLACE WITHIN AREA OF WORK SHELL BE PATCHED AND REPAIRED AS REQUIRED AND PREPARED TO RECEIVE NEW FINISH.
11. CONTRACTOR SHALL REPAIR AND/OR RESTORE EXISTING CONSTRUCTION DAMAGED BY ALTERATIONS TO MECHANICAL AND ELECTRICAL SYSTEMS, WHETHER OR NOT WORK IS WITHIN DEMOLITION AREAS SHOWN.
12. COORDINATE DEMOLITION WITH SCHEDULES, CONSTRUCTION REQUIREMENTS, AND SUBCONTRACTORS OPERATIONS. COORDINATE SEQUENCING WITH THE CONSTRUCTION MANAGER AND PROCEED ONLY AFTER OBTAINING THE RESIDENT ENGINEER'S ACCEPTANCE OF DEMOLITION SCHEDULE.
13. ALL WORK MUST BE COORDINATED WITH THE RESIDENT ENGINEER TO NOT ADVERSELY AFFECT OPERATIONS OUTSIDE OF THE WORK AREA. TEMPORARY 1-HOUR FIRE RATED CONSTRUCTION PARTITIONS WILL BE REQUIRED WHEN WORK AREA EXTENDS INTO AND AFFECTS EXISTING FACILITY OPERATIONS. NO WORK SHALL BE STARTED WHICH AFFECTS EXISTING FACILITY OPERATIONS WITHOUT PRIOR COORDINATION AND APPROVAL OF THE WORK WITH THE RESIDENT ENGINEER.
14. FLOOR SURFACES DAMAGED OR BENEATH EXISTING CASEWORK TO BE PATCHED AND PREPARED TO MATCH SURROUNDING FLOOR SURFACES.
15. DEMOLITION WORK CAUSING VIBRATION AND/OR LOUD NOISE DISRUPTIVE TO HOSPITAL FUNCTIONS AS DEEMED BY THE OWNER SHALL BE SCHEDULED TO BE DONE AFTER HOURS. AFTER HOURS IS DEFINED AS BETWEEN 6:00 PM AND 5:00 AM - RETURN NON-PROJECT AREAS TO HOSPITAL LEVEL CLEANLINESS BEFORE 6:00 AM.
16. PATCH CONCRETE FLOOR PENETRATIONS FOR ALL DEMOLISHED PLUMBING FIXTURES, CUT EXISTING CONCRETE FLOOR AS NECESSARY TO ACCOMMODATE NEW PIPING, CONDUIT OR OTHER WORK. PATCH BACK TO MATCH SURROUNDING SURFACES AT CORNERS - DRILL WITH ROTARY HAMMER, DO NOT OVER SCORE CONCRETE TO BE CUT.
17. WHERE REMOVAL OF EXISTING CONSTRUCTION DISRUPTS EXISTING ELECTRICAL, MECHANICAL, AND PLUMBING SERVICES, MAKE PERMANENT (OR TEMPORARY) CONNECTIONS TO RESTORE AFFECTED SERVICES TO AREAS NOT SCHEDULED FOR DEMOLITION AND REMODELING. WHERE TEMPORARY CONNECTION ARE PROVIDED, RESTORE PERMANENT SERVICE PRIOR TO PROJECT COMPLETION.
18. ADJUST STUDS SO THAT FACE OF GYPSUM WALL BOARD WILL ALIGN WITH ADJACENT WALL.
19. FACILITY NEEDS TO BE KEPT WEATHER TIGHT REGARDLESS OF WEATHER CONDITIONS AT THE END OF EACH DAY. MAINTAIN WEATHER TIGHT CONDITIONS 24 HOURS A DAY FOR THE DURATION OF THE PROJECT. EXISTING OCCUPIED FACILITY MUST BE WEATHER TIGHT AT ALL TIMES.
20. CONTRACTOR SHALL MAINTAIN NEGATIVE PRESSURE WITH VENTING DIRECTLY TO OUTSIDE DURING DEMOLITION AND NEW CONSTRUCTION ACTIVITIES IN ORDER TO MINIMIZE THE CHANCE FOR AIR POLLUTION TO ENTER HOSPITAL VENTILATION SYSTEM. ALL EXISTING RETURN AND SUPPLY AIR DUCTWORK TO WORK AREAS SHALL BE SECURELY CAPPED WITH SHEET METAL DURING THE CONSTRUCTION PERIOD. THIS REQUIREMENT APPLIES TO THE ENTIRE AREA OF WORK. IN ADDITION TO PROVIDING DUST CONTROL MEASURES, CONTRACTOR SHALL PROVIDE AIR MONITORING FOR AIRBORNE DISEASES (E.G.ASPERGILLOSIS), COORDINATE AND VERIFY WITH VA. SEE SPECIFICATIONS FOR INFECTION PREVENTION MEASURES.
21. CONTRACTOR SHALL INSURE THAT ALL FINISHED OR UNFINISHED WALL AND FLOOR AREAS, PATH OF TRAVEL, ACCESSIBLE TO THE PUBLIC DURING BUSINESS HOURS ARE CLEAN, DRY, FREE OF DEBRIS AND GLUE, AND SUITABLE FOR USE.
22. IN KEY NOTES, "REMOVE" MEANS REMOVE, HAUL AWAY, AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. REFER ALSO TO SECTION 01 74 19 CONSTRUCTION WASTE MANAGEMENT.
23. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NATIONAL AND LOCAL CODES, WHICHEVER IS MORE STRINGENT.
24. CONTRACTOR SHALL COORDINATE MATERIAL STORAGE WITH THE RESIDENT ENGINEER.
25. CONTRACTOR SHALL PROVIDE FIRE PROTECTION EQUIPMENT (FIRE EXTINGUISHERS, ETC.) AND INSPECT THEM MONTHLY AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION WORK.
26. CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT ALL DOOR AND WALL OPENINGS AT PERIMETER WALLS DURING DEMOLITION AND NEW CONSTRUCTION WORK TO PROTECT ADJACENT AREAS FROM DUST INTRUSION.
27. REMOVE WINDOW SHADES.
28. FIRE SPRINKLER PIPING SYSTEM TO REMAIN. CONTRACTOR TO RELOCATE PROVIDE NEW HEADS AT CENTER OF NEW CEILING TILES, SEE SHEET FP-101.

LEGEND

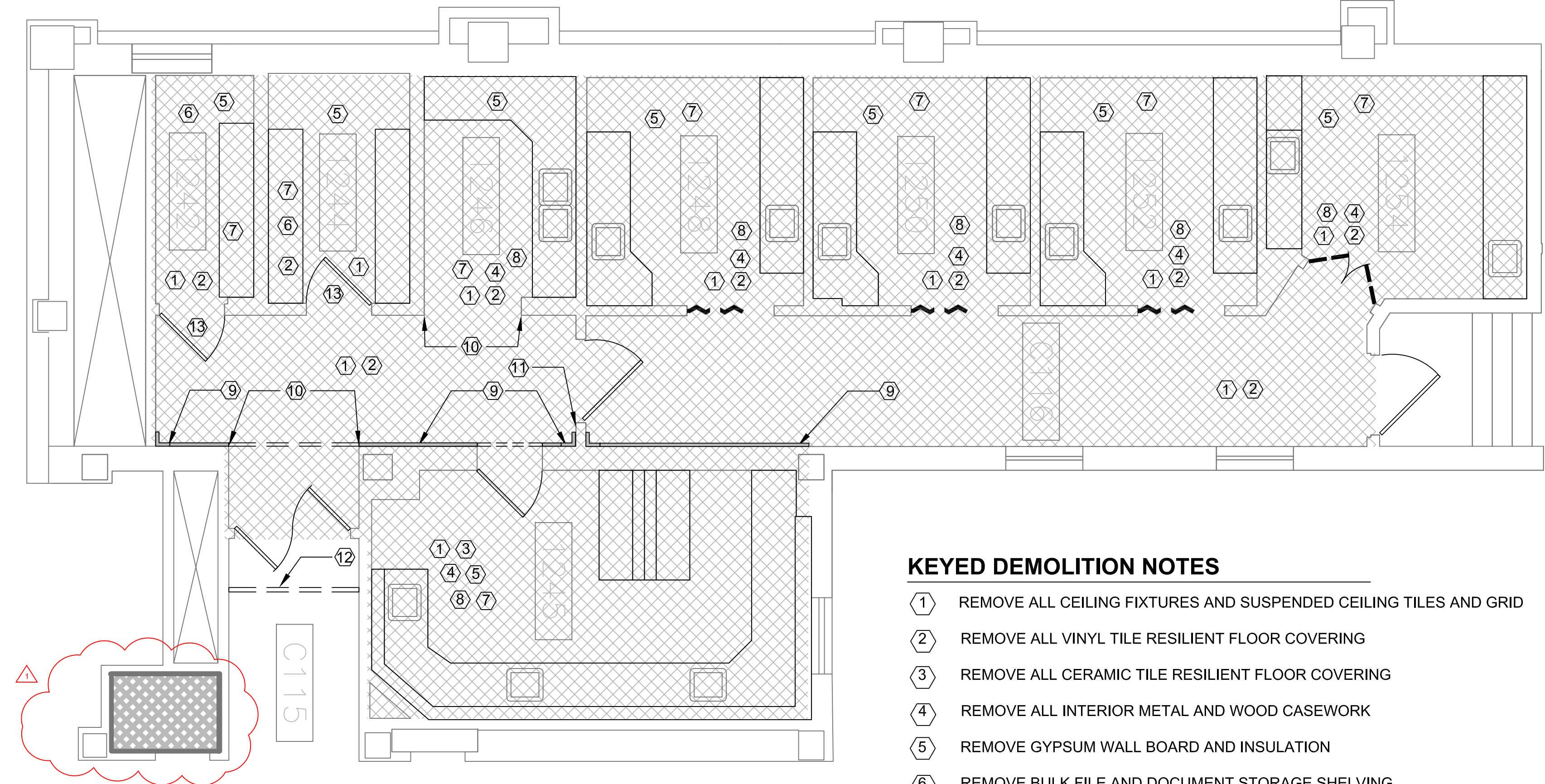
- EXISTING WALL CONSTRUCTION TO REMAIN, UNLESS OTHERWISE NOTED
- EXISTING DOOR TO BE REMOVED AND REPLACED
- EXISTING BI-FOLD DOOR TO BE REMOVED

KEYED DEMOLITION NOTES

- 1 REMOVE ALL CEILING FIXTURES AND SUSPENDED CEILING TILES AND GRID
- 2 REMOVE ALL VINYL TILE RESILIENT FLOOR COVERING
- 3 REMOVE ALL CERAMIC TILE RESILIENT FLOOR COVERING
- 4 REMOVE ALL INTERIOR METAL AND WOOD CASEWORK
- 5 REMOVE GYPSUM WALL BOARD AND INSULATION
- 6 REMOVE BULK FILE AND DOCUMENT STORAGE SHELVING
- 7 PATCH CONCRETE FLOOR AND RESTORE FLOOR SURFACE TO MATCH SURROUNDING FLOOR SURFACES
- 8 PROVIDE BLOCKING IN EXISTING WALLS THAT ARE INDICATED TO HAVE WALL SUPPORTED ITEMS, CASEWORK AND COUNTER SUPPORT BRACKETS SHALL BE SUPPORTED BY BLOCKING, SEE SHEETS A-501, A-503, A-504 AND A-505.
- 9 REMOVE EXPANSION JOINT CONTROL SYSTEM, SEE SHEETS I-100 AND I-110 FOR NEW DURABLE JOINT SYSTEM .
- 10 REMOVE CORNER GUARDS
- 11 REMOVE, STORE, PROTECT AND REINSTALL FIRE EXTINGUISHER.
- 12 INSTALL CONSTRUCTION DUST CONTROL / BARRIER SYSTEM.
- 13 EXISTING SIMPLEX MECHANICAL PUSH BUTTON CYLINDRICAL COMBINATION LOCKSET TO BE TURNED OVER TO THE GOVERNMENT.

PHASING NOTES

PRIOR TO STARTING ANY WORK IN THE VOLUNTEER SERVICES OFFICE, ALL WORK IN THE NEW HISTOLOGY LAB LOCATION SHALL BE SUBSTANTIALLY COMPLETE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SO THAT THE OWNER CAN OCCUPY OR UTILIZE THE THE WORK FOR ITS INTENDED USE.



1 DEMOLITION PLAN - FIRST FLOOR (NEW LOCATION)
SCALE 1/4" = 1'-0"

ASBESTOS CONTAINING MATERIAL

1. THE FOLLOWING AREAS ARE KNOWN TO BE ASBESTOS CONTAINING MATERIAL (ACM) AND MUST BE ABATED **BY THE CONTRACTOR** IF ACM MATERIALS ARE DISTURBED OR ENCOUNTERED:

A. VINYL ASBESTOS TILE AND MASTIC
B. COUNTERTOPS IN ROOM 1245
2. THE CONTRACTOR SHALL CONFIRM ACM AREAS THE ASBESTOS REPORT INCLUDED IN THE PROJECT MANUAL.
3. REMOVAL OF ACM SHALL COMPLY WITH ALL CITY, STATE, AND FEDERAL REGULATIONS. REMOVAL OF ACM SHALL CONFORM TO THE LATEST EDITION OF ALL APPLICABLE OSHA AND AHERA REGULATIONS. ALSO COMPLY WITH THE STATE OF IOWA ENVIRONMENTAL AND NATURAL RESOURCES AND NESHAPS (40 cfr 60 & 62). WORK PRACTICES SHALL CONFORM TO NIBS GUIDANCE/ WORK PRACTICES FOR THE REMOVAL OF ASBESTOS. IF ANY ADDITIONAL ACM OR POTENTIAL ACM IS IDENTIFIED DURING THE DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IMMEDIATELY. ANY CONFIRMED ACM SHALL BE ABATED BY THE CONTRACTOR PER THE ABOVE REQUIREMENTS.

CONSULTANTS:

ARCHITECT/ENGINEERS:

VA Central Iowa HCS
Office of Engineering and Facility Management

Engineer: Troy Martinson, PE
Designer: Jeff McDonald

Drawing Title:

DEMOLITION PLAN

Approved (Project Director):

Roger Fry

BID SET

Project Title:

Relocate Histology Lab

Location:

VA Central Iowa HCS, Des Moines, IA

Date:
2-28-2014

Checked
RF

Drawn
TJM

Project Number:

636A6-14-101SL

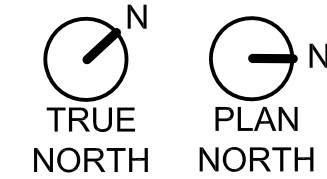
Building Number:

1

Drawing Number:

AD-101

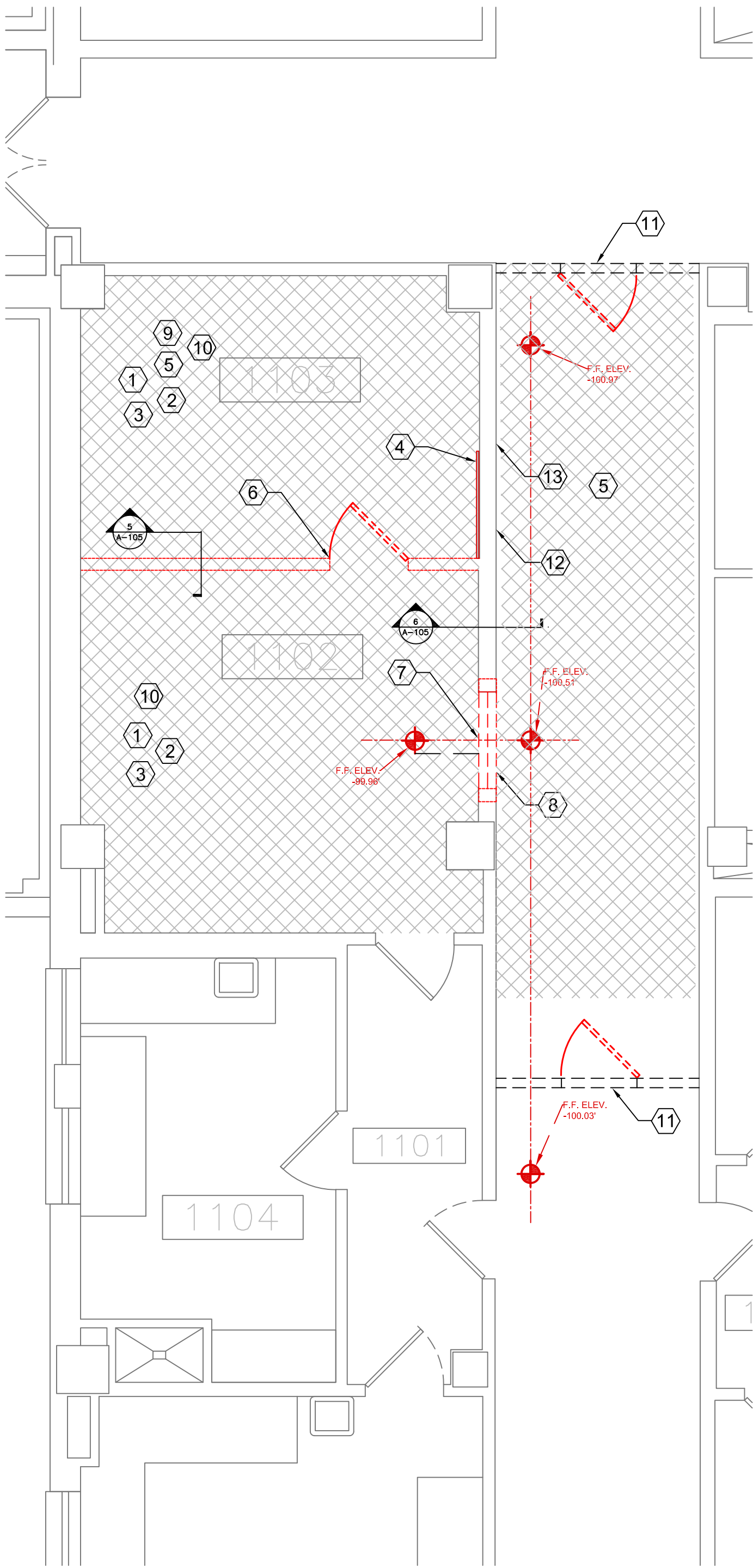
Dwg. 5 of 48



Engineering Office
VA Des Moines
CIHCS



S:\DC\Engineering\Construction Projects\2014 Project Files\NRM\63646-14-101SL Relocate Histology Lab\01-Design\01-Drawings\AD-102 Demolition Plan.dwg | 2-26-14 08:24:25 AM VHACHMant |



DEMOLITION PLAN - FIRST FLOOR (VOLUNTEER SERVICES)
SCALE 1/4" = 1'-0"

KEYED DEMOLITION NOTES

- 1 REMOVE ALL CEILING FIXTURES AND SUSPENDED CEILING TILES AND GRID
- 2 REMOVE ALL INTERIOR METAL AND WOOD CASEWORK
- 3 REMOVE GYPSUM WALL BOARD AND INSULATION
- 4 REMOVE CERAMIC WALL TILE
- 5 REMOVE CARPET AND VINYL COMPOSITE TILE FLOORING
- 6 REMOVE WALL PARTITION AND DOOR
- 7 DEMO WALL SECTION FOR NEW DOOR FRAME AND DOOR. DOOR THRESHOLD ELEVATION SHALL BE LEVEL.
- 8 DEMO CARPET FLOORING IN CORRIDOR AS NECESSARY TO TAPER AND RE-LEVEL CONCRETE FLOORING TO PROVIDE SMOOTH TRANSITION.
- 9 PATCH AND LEVEL CONCRETE SUBFLOOR, RESTORE FLOOR SURFACE TO MATCH SURROUNDING SURFACES.
- 10 PROVIDE BLOCKING IN EXISTING WALLS THAT ARE INDICATED TO HAVE WALL SUPPORTED ITEMS, CASEWORK AND COUNTER SUPPORT BRACKETS SHALL BE SUPPORTED BY BLOCKING, SEE SHEET A-101, DETAIL 4
- 11 INSTALL CONSTRUCTION DUST CONTROL BARRIER SYSTEM TEMPORARY WALL AND DOOR, USE 1HR FIRE RATED PARTITION PER UL DESIGN NO U419.
- 12 REMOVE WALL MOUNTED BULLETIN BOARD CABINETS AND TURN OVER TO THE GOVERNMENT.
- 13 REMOVE HAND RAILS.

ASBESTOS CONTAINING MATERIAL

1. THE FOLLOWING AREAS ARE KNOWN TO BE ASBESTOS CONTAINING MATERIAL (ACM) AND MUST BE ABATED **BY THE CONTRACTOR** IF ACM MATERIALS ARE DISTURBED OR ENCOUNTERED:
 - A. VINYL ASBESTOS TILE AND MASTIC
2. REMOVAL OF ACM SHALL COMPLY WITH ALL CITY, STATE, AND FEDERAL REGULATIONS. REMOVAL OF ACM SHALL CONFORM TO THE LATEST EDITION OF ALL APPLICABLE OSHA AND AHERA REGULATIONS. ALSO COMPLY WITH THE STATE OF IOWA ENVIRONMENTAL AND NATURAL RESOURCES AND NESHAPS (40 cfr 60 & 62). WORK PRACTICES SHALL CONFORM TO NIBS GUIDANCE/ WORK PRACTICES FOR THE REMOVAL OF ASBESTOS. IF ANY ADDITIONAL ACM OR POTENTIAL ACM IS IDENTIFIED DURING THE DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IMMEDIATELY. ANY CONFIRMED ACM SHALL BE ABATED BY THE CONTRACTOR PER THE ABOVE REQUIREMENTS.
3. THE CONTRACTOR SHALL PROVIDE THIRD PARTY AIR SAMPLING FOR ASBESTOS.

PHASING NOTES

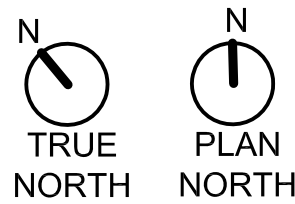
1. PRIOR TO STARTING ANY WORK IN THE VOLUNTEER SERVICES OFFICE, ALL WORK IN THE NEW HISTOLOGY LAB LOCATION SHALL BE SUBSTANTIALLY COMPLETE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SO THAT THE OWNER CAN OCCUPY OR UTILIZE THE WORK FOR ITS INTENDED USE.

GENERAL DEMOLITION NOTES

1. REMOVE EXISTING CONSTRUCTION WITHIN PROJECT LIMITS AS INDICATED OR AS REQUIRED TO COMPLETE WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE RESIDENT ENGINEER PRIOR TO START OF DEMOLITION CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER PRIOR TO REMOVAL OF MATERIAL, FURNITURE, CASEWORK, OR EQUIPMENT NOT INDICATED ON THE DRAWINGS TO BE REMOVED.
4. SHOULD MATERIAL APPEARING TO CONTAIN ASBESTOS BE ENCOUNTERED DURING THE COURSE OF WORK, CONTRACTOR SHALL STOP WORKING INVOLVING SAID MATERIAL AND NOTIFY THE RESIDENT ENGINEER IMMEDIATELY.
5. UNLESS DIRECTED OTHERWISE, DISPOSE OF ALL ITEMS SHOWN TO BE DEMOLISHED.
6. WHERE PARTITION OR CEILING MOUNTED EQUIPMENT, NOT CALLED OUT FOR DEMOLITION IN ARCHITECTURAL, MECHANICAL, PLUMBING, OR ELECTRICAL DRAWINGS, IS ATTACHED TO PARTITIONS OR CEILINGS SCHEDULED FOR DEMOLITION, CONTRACTOR SHALL COORDINATE REMOVAL OF SAID EQUIPMENT WITH RESIDENT ENGINEER.
7. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. PATCH REPAIR SURFACES AS REQUIRED IN ASSOCIATED ELECTRICAL, DATA, AND PLUMBING WORK AND PREPARE TO RECEIVE NEW FINISH.
8. UNLESS OTHERWISE NOTED, ALL PLUMBING FIXTURES/DOMESTIC WATER PIPING TO BE REMOVED SHALL BE FREEZED AND CAPPED BELOW FLOOR STRUCTURE PRIOR TO START OF DEMOLITION WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING STRUCTURES, EQUIPMENT, AND FINISHES SURROUNDING THE AREA OF WORK. DAMAGE TO EXISTING STRUCTURES, PAVEMENT/GRADES, EQUIPMENT OR FINISHES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST THE OWNER. REPAIR AND REPLACEMENT SHALL MATCH ADJACENT MATERIALS. EXTEND REPAIR AND REPLACEMENT TO BREAK IN PLAN OR FIRST MATERIAL JOINT BEYOND DAMAGE.
10. ALL EXISTING SURFACES WHICH REMAIN IN PLACE WITHIN AREA OF WORK SHALL BE PATCHED AND REPAIRED AS REQUIRED AND PREPARED TO RECEIVE NEW FINISH.
11. CONTRACTOR SHALL REPAIR AND/OR RESTORE EXISTING CONSTRUCTION DAMAGED BY ALTERATIONS TO MECHANICAL AND ELECTRICAL SYSTEMS, WHETHER OR NOT WORK IS WITHIN DEMOLITION AREAS SHOWN.
12. COORDINATE DEMOLITION WITH SCHEDULES, CONSTRUCTION REQUIREMENTS, AND SUBCONTRACTORS OPERATIONS. COORDINATE SEQUENCING WITH THE CONSTRUCTION MANAGER AND PROCEED ONLY AFTER OBTAINING THE RESIDENT ENGINEER'S ACCEPTANCE OF DEMOLITION SCHEDULE.
13. ALL WORK MUST BE COORDINATED WITH THE RESIDENT ENGINEER TO NOT ADVERSELY AFFECT OPERATIONS OUTSIDE OF THE WORK AREA. TEMPORARY 1-HOUR FIRE RATED CONSTRUCTION PARTITIONS WILL BE REQUIRED WHEN WORK AREA EXTENDS INTO AND AFFECTS EXISTING FACILITY OPERATIONS. NO WORK SHALL BE STARTED WHICH AFFECTS EXISTING FACILITY OPERATIONS WITHOUT PRIOR COORDINATION AND APPROVAL OF THE WORK WITH THE RESIDENT ENGINEER.
14. FLOOR SURFACES DAMAGED OR BENEATH EXISTING CASEWORK TO BE PATCHED AND PREPARED TO MATCH SURROUNDING FLOOR SURFACES.
15. DEMOLITION WORK CAUSING VIBRATION AND/OR LOUD NOISE DISRUPTIVE TO HOSPITAL FUNCTIONS AS DEEMED BY THE OWNER SHALL BE SCHEDULED TO BE DONE AFTER HOURS. AFTER HOURS IS DEFINED AS BETWEEN 6:00 PM AND 5:00 AM - RETURN NON-PROJECT AREAS TO HOSPITAL LEVEL CLEANLINESS BEFORE 6:00 AM.
16. PATCH CONCRETE FLOOR PENETRATIONS FOR ALL DEMOLISHED PLUMBING FIXTURES, CUT EXISTING CONCRETE FLOOR AS NECESSARY TO ACCOMMODATE NEW PIPING, CONDUIT OR OTHER WORK. PATCH BACK TO MATCH SURROUNDING SURFACES AT CORNERS - DRILL WITH ROTARY HAMMER, DO NOT OVER SCORE CONCRETE TO BE CUT.
17. WHERE REMOVAL OF EXISTING CONSTRUCTION DISRUPTS EXISTING ELECTRICAL, MECHANICAL, AND PLUMBING SERVICES, MAKE PERMANENT (OR TEMPORARY) CONNECTIONS TO RESTORE AFFECTED SERVICES TO AREAS NOT SCHEDULED FOR DEMOLITION AND REMODELING. WHERE TEMPORARY CONNECTION ARE PROVIDED, RESTORE PERMANENT SERVICE PRIOR TO PROJECT COMPLETION.
18. ADJUST STUDS SO THAT FACE OF GYPSUM WALL BOARD WILL ALIGN WITH ADJACENT WALL.
19. FACILITY NEEDS TO BE KEPT WEATHER TIGHT REGARDLESS OF WEATHER CONDITIONS AT THE END OF EACH DAY. MAINTAIN WEATHER TIGHT CONDITIONS 24 HOURS A DAY FOR THE DURATION OF THE PROJECT. EXISTING OCCUPIED FACILITY MUST BE WEATHER TIGHT AT ALL TIMES.
20. CONTRACTOR SHALL MAINTAIN NEGATIVE PRESSURE WITH VENTING DIRECTLY TO OUTSIDE DURING DEMOLITION AND NEW CONSTRUCTION ACTIVITIES IN ORDER TO MINIMIZE THE CHANCE FOR AIR POLLUTION TO ENTER HOSPITAL VENTILATION SYSTEM. ALL EXISTING RETURN AND SUPPLY AIR DUCTWORK TO WORK AREAS SHALL BE SECURELY CAPPED WITH SHEET METAL DURING THE CONSTRUCTION PERIOD. THIS REQUIREMENT APPLIES TO THE ENTIRE AREA OF WORK. IN ADDITION TO PROVIDING DUST CONTROL MEASURES, CONTRACTOR SHALL PROVIDE AIR MONITORING FOR AIRBORNE DISEASES (E.G.ASPERGILLOSIS), COORDINATE AND VERIFY WITH VA. SEE SPECIFICATIONS FOR INFECTION PREVENTION MEASURES.
21. CONTRACTOR SHALL INSURE THAT ALL FINISHED OR UNFINISHED WALL AND FLOOR AREAS, PATH OF TRAVEL, ACCESSIBLE TO THE PUBLIC DURING BUSINESS HOURS ARE CLEAN, DRY, FREE OF DEBRIS AND GLUE, AND SUITABLE FOR USE.
22. IN KEY NOTES, "REMOVE" MEANS REMOVE, HAUL AWAY, AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. REFER ALSO TO SECTION 01 74 19 CONSTRUCTION WASTE MANAGEMENT.
23. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NATIONAL AND LOCAL CODES, WHICHEVER IS MORE STRINGENT.
24. CONTRACTOR SHALL COORDINATE MATERIAL STORAGE WITH THE RESIDENT ENGINEER.
25. CONTRACTOR SHALL PROVIDE FIRE PROTECTION EQUIPMENT (FIRE EXTINGUISHERS, ETC.) AND INSPECT THEM MONTHLY AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION WORK.
26. CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT ALL DOOR AND WALL OPENINGS AT PERIMETER WALLS DURING DEMOLITION AND NEW CONSTRUCTION WORK TO PROTECT ADJACENT AREAS FROM DUST INTRUSION.
27. REMOVE WINDOW SHADES.
28. FIRE SPRINKLER PIPING SYSTEM TO REMAIN. CONTRACTOR TO PROVIDE NEW SPRINKLER HEADS AT CENTER OF NEW CEILING TILES, SEE SHEET FP-102.

LEGEND

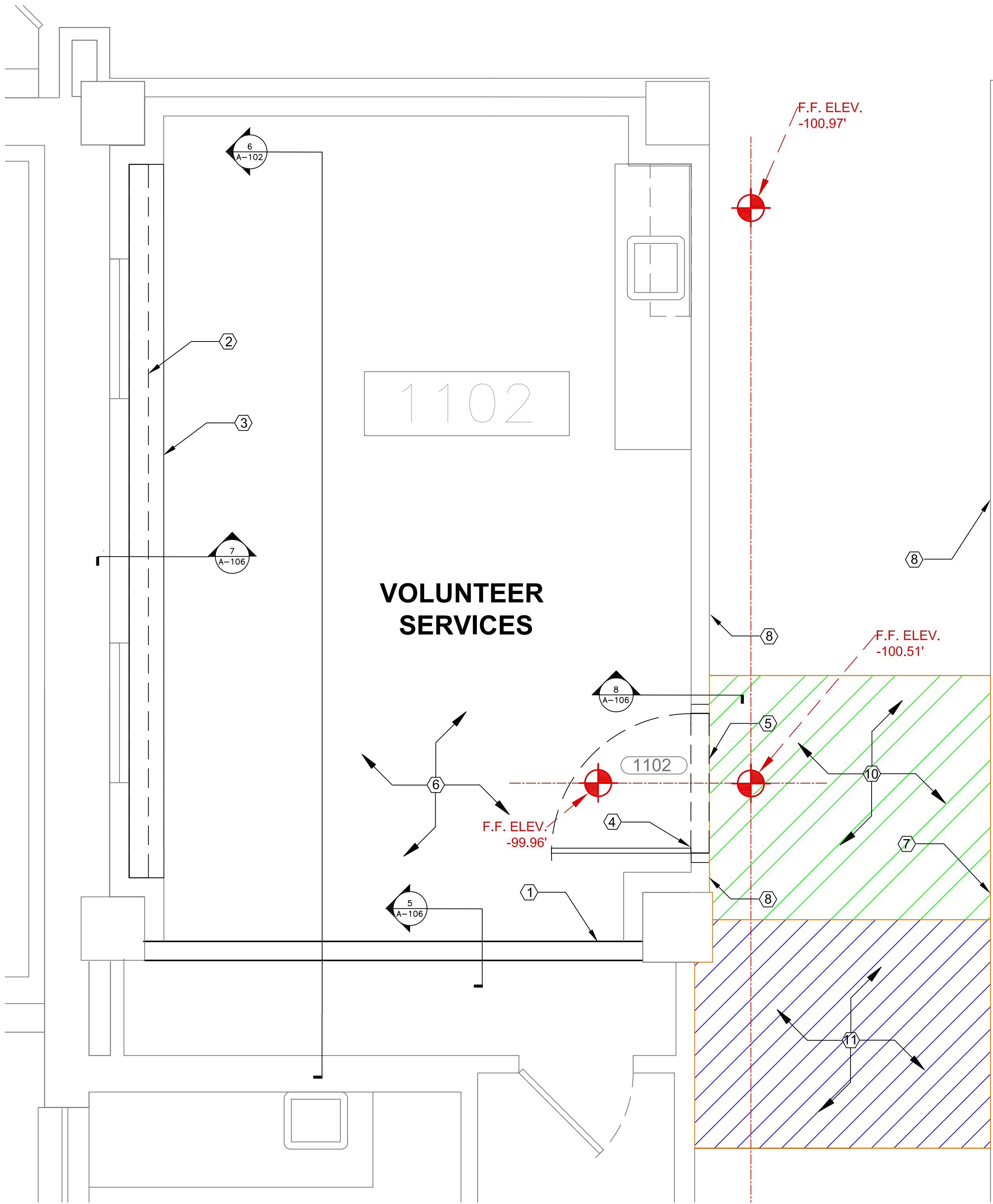
- EXISTING WALL CONSTRUCTION TO REMAIN, UNLESS OTHERWISE NOTED
- EXISTING DOOR TO BE REMAIN
- EXISTING DOOR TO BE REMOVED



BID SET

<div>⚠ Ammendment #001</div> <div>28 Feb 2014</div>		<div>CONSULTANTS:</div>		<div>ARCHITECT/ENGINEERS:</div> <div>VA Central Iowa HCS Office of Engineering and Facility Management</div> <div>Engineer: Troy Martinson, PE Designer: Jeff McDonald</div>	<div>Drawing Title:</div> <div>DEMOLITION PLAN</div>		<div>Project Title:</div> <div>Relocate Histology Lab</div>		<div>Project Number:</div> <div>636A6-14-101SL</div>		<div>Engineering Office VA Des Moines CIHCS</div>
							<div>Building Number:</div> <div>1W</div>				
							<div>Drawing Number:</div> <div>AD-102</div>				
							<div>Dwg. 6 of 48</div>				
<div>Revisions:</div> <div>Date</div>					<div>Approved (Project Director):</div> <div>Roger Fry</div>		<div>Location:</div> <div>VA Central Iowa HCS, Des Moines, IA</div>		<div>Drawing Number:</div> <div>AD-102</div>		<div>Department of Veterans Affairs</div>
					<div>Date:</div> <div>2-28-2014</div>		<div>Checked</div> <div>RF</div>		<div>Drawn</div> <div>TJM</div>		

1
2
3
4
5
6
7
8
9
A
B
C
D
E
F



1 FLOOR PLAN - FIRST FLOOR (VOLUNTEER SERVICES)
SCALE 1/2" = 1'-0"

KEY NOTES

- 1 PROVIDE NEW PARTITION WALL, SEE SHEET A-106.
- 2 PROVIDE WALL FURRING, SEE SHEET A-106, DETAIL 7.
- 3 PROVIDE FASCIA SOFFIT, SEE SHEET A-106, DETAILS 6 AND 7. DESIGN IS PERFORMANCE BASED, CONTRACTOR TO SUBMIT ARCHITECTURAL SHOP DRAWING.
- 4 PROVIDE NEW DOOR AND DOOR FRAME, SEE SHEETS A-106 AND A-601.
- 5 DOOR THRESHOLD ELEVATION SHALL BE LEVEL ACROSS DOOR OPENING. TIE INTO FLAT LANDING WITHIN CORRIDOR TO PROVIDE SMOOTH TRANSITION.
- 6 INSTALL LOW-PROFILE RAISED ACCESS FLOORING SYSTEM TO RAISE RECESSED STRUCTURAL FLOOR ELEVATION TO MATCH DOOR THRESHOLD, SEE SHEET A-103.
- 7 INSTALL HALF DOME CONVEX SAFETY MIRROR (24" x 12").
- 8 INSTALL RESILIENT HAND RAILS, SEE SECTION 10 26 00, MATCH EXISTING FINISH.
- 9 TEMPORARY PARTITION BY OTHERS: (Deleted)
- 10 IN CORRIDOR, CREATE FLAT LANDING OUTSIDE DOOR 1102. LANDING SHALL BEGIN AT A POINT ON THE SLOPED CORRIDOR FLOOR WHICH IS 12 INCHES NORTH OF THE NORTHERN EDGE OF DOOR 1102. USING THIS POINT AS AN ELEVATION, EXTEND A FLAT LANDING SOUTHWARD TO A POINT THAT IS 18 INCHES SOUTH OF THE SOUTHERN EDGE OF DOOR 1102. FLAT LANDING SHALL EXTEND THE FULL WIDTH OF THE CORRIDOR, AND SHALL BE BUILD UP WITH A TOPPING MIX (THICKEST POINT OF THE FLAT LANDING WILL REQUIRE 2 INCHES OF TOPPING).
- 11 IN CORRIDOR, AT SOUTH END OF THE FLAT LANDING, PROVIDE ADDITIONAL TOPPING THAT WILL SLOPE SOUTHWARD AT A 5% SLOPE (SHALL TIE BACK INTO EXISTING SLOPING CORRIDOR SURFACE APPROXIMATELY 6 FEET SOUTH OF THE FLAT LANDING).

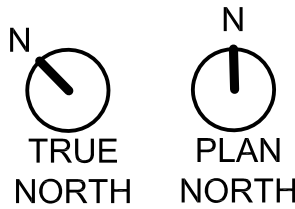
GENERAL NOTES

- 1 REFER TO DETAIL PLANS FOR ADDITIONAL PARTITION INFORMATION, SEE SHEET A-106.
- 2 INTERIOR DIMENSIONS ARE TO FINISH FACE OF THE PARTITION.
- 3 INSTALL $\frac{5}{8}$ " TYPE X GYPSUM WALL BOARD AND ACOUSTICAL INSULATION IN ALL ROOMS , FINISH TO GRADE #5.
- 4 ALL SWITCHES, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS SHALL BE MOUNTED AT 40" AFF, TELEPHONE AND POWER OUTLETS SHALL BE AT 18" AFF. THESE CONTROLS SHALL BE LINED UP AT THE SAME HEIGHT AND WHERE MORE THAN ONE ARE ADJACENT, THEY SHALL BE EVENLY SPACED. GROUP MULTIPLE DEVICES IN A SINGLE COVER PLATE WHERE POSSIBLE.
- 5 VERIFY ALL UTILITIES AND CONNECTION LOCATIONS.
- 6 ALL PENETRATIONS IN RATED WALLS, SHALL BE RATED, TESTED ASSEMBLIES AS REQUIRED BY CODE.
- 7 SEAL ALL PENETRATIONS IN SMOKE BARRIERS IN ACCORDANCE WITH CODES AND REQUIREMENTS.
- 8 CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION.
- 9 PROVIDE DOOR, DOOR FRAME, LOCK SET AND HARDWARE, SEE SHEET A-601.
- 10 ALL WALL HUNG CASEWORK, SHELVING AND EQUIPMENT ATTACHED TO WALLS SHALL BE ANCHORED BETWEEN STUDS, SEE DETAIL 4, SHEET A-106, AND SHEET A-502.
- 11 REFER TO INTERIOR FLOOR FINISH PLAN, SHEET I-101.
- 12 REFER TO INTERIOR WALL FINISH PLAN, SHEET I-111.
- 13 REFER TO INTERIOR SIGNAGE PLAN, SHEET I-141.
- 14 PROVIDE CASEWORK, REFER TO INTERIOR ELEVATIONS, SHEETS A-502.

PHASING NOTES

- 1 PRIOR TO STARTING ANY WORK IN THE VOLUNTEER SERVICES OFFICE, ALL WORK IN THE NEW HISTOLOGY LAB LOCATION SHALL BE SUBSTANTIALLY COMPLETE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SO THAT THE OWNER CAN OCCUPY OR UTILIZE THE WORK FOR ITS INTENDED USE.

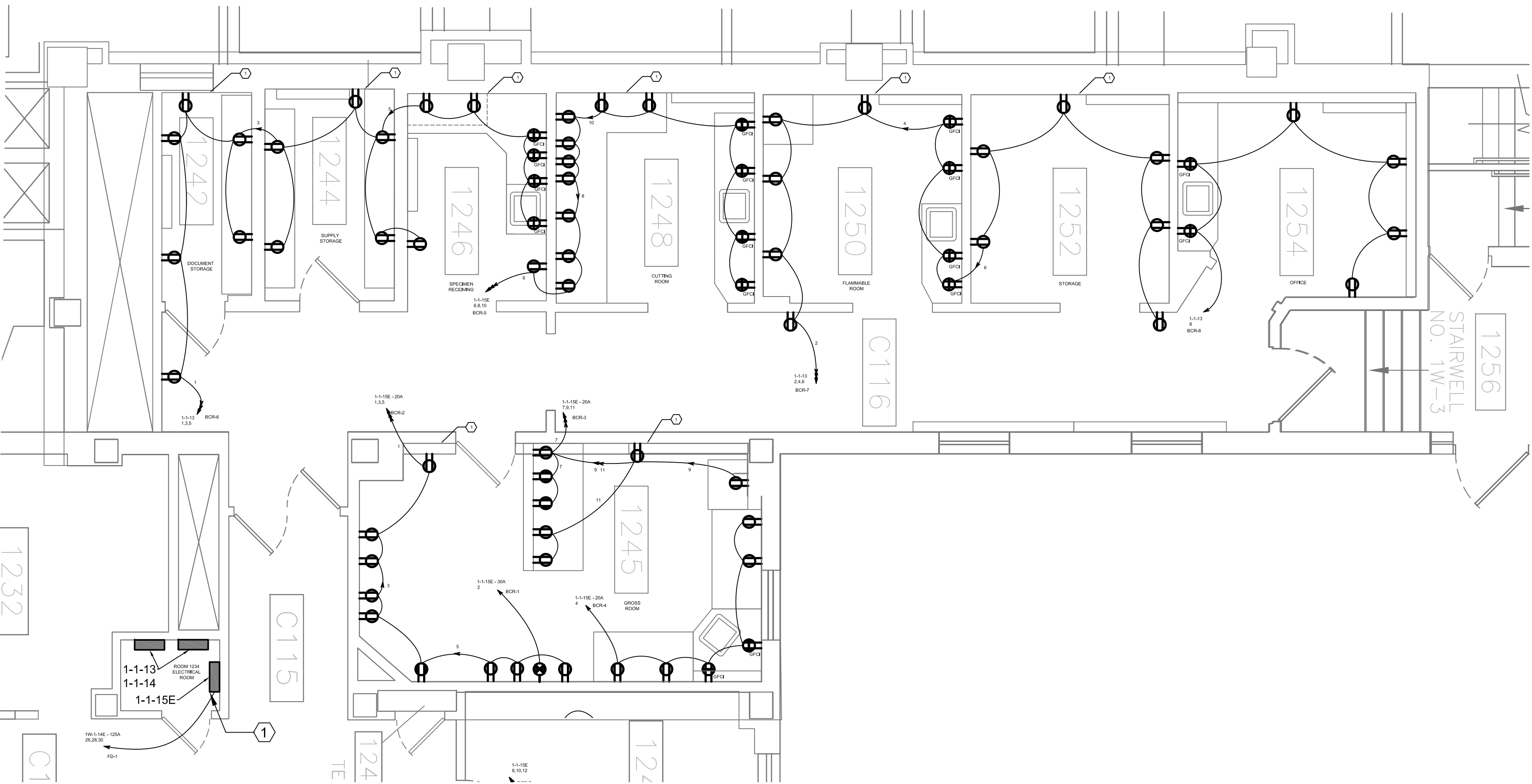
LEGEND



BID SET

△ Ammendment #001		28 Feb 2014		CONSULTANTS:		ARCHITECT/ENGINEERS: VA Central Iowa HCS Office of Engineering and Facility Management Engineer: Troy Martinson, PE Designer: Jeff McDonald		Drawing Title:		Project Title:		Project Number: 636A6-14-101SL		Engineering Office VA Des Moines CIHCS			
								FLOOR PLAN		Relocate Histology Lab		Building Number: 1W					
								Approved (Project Director):		Location: VA Central Iowa HCS, Des Moines, IA		Drawing Number:					
								Roger Fry		Date: 2-28-2014		Checked RF				Drawn TJM	
Revisions:		Date															
														 Department of Veterans Affairs			

S:\DC\Engineering\Construction Projects\2014 Project\Files\NRM\63646-14-10\SL Relocate Histology Lab\Drawings\01-Drawings\E-101 Electrical Power Plan.dwg 2-26-14 08:16:39 AM VHC\HortDT



1 ELECTRICAL POWER PLAN - FIRST FLOOR (NEW LOCATION)
SCALE 1/4" = 1'-0"

BRANCH CIRCUIT SCHEDULE	
CIRCUIT NO.	CONDUCTORS/CONDUIT
BCR-1	2 #10 THWN, 1 #10 G, 3/4" EMT
BCR-2	4 #12 THWN, 1 #12 G, 3/4" EMT
BCR-3	4 #12 THWN, 1 #12 G, 3/4" EMT
BCR-4	2 #12 THWN, 1 #12 G, 3/4" EMT
BCR-5	4 #12 THWN, 1 #12 G, 3/4" EMT
BCR-6	4 #12 THWN, 1 #12 G, 3/4" EMT
BCR-7	4 #12 THWN, 1 #12 G, 3/4" EMT
BCR-8	2 #12 THWN, 1 #12 G, 3/4" EMT

FEEDER SCHEDULE	
CIRCUIT NO.	CONDUCTORS/CONDUIT
FD-1	4 #1 THWN, 1 #6 G, 2" EMT

Ammdement #001	28 Feb 2014
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:
VA Central Iowa HCS
Office of Engineering and Facility Management

Engineer: Troy Martinson, PE
Designer: Jeff McDonald

Drawing Title:
ELECTRICAL POWER PLAN

Approved (Project Director):
Roger Fry

Project Title:
Relocate Histology Lab

Location:
VA Central Iowa HCS, Des Moines, IA
Date: **2-28-2014**
Checked: **RF**
Drawn: **TJM**

Project Number:
636A6-14-101SL
Building Number:
1
Drawing Number:
E-101
Dwg. **42** of **48**

Engineering Office
VA Des Moines
CIHCS

 Department of Veterans Affairs

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPLICABLE ADDITIONS OF NATIONAL ELECTRIC CODE, THE STATE BUILDING CODE, AND OTHER LOCAL, STATE OR FEDERAL CODES, ORDINANCES, OR AUTHORITATIVE INTERPRETATIONS THAT MAY APPLY. A CERTIFICATE OF FINAL ELECTRICAL INSPECTION SHALL BE OBTAINED BY THE CONTRACTOR AT THE COMPLETION OF THE WORK AND PRESENTED TO THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE AND SATISFACTORY OPERATING SYSTEMS AS INDICATED ON THE CONTRACT DOCUMENTS. IT IS NOTED THAT THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENTS OF SYSTEMS AND WORK. CIRCUIT NUMBERS, INTERCONNECTIONS, HOME RUNS AND SWITCH LEGS HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND WIRING AS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED. SPECIAL SYSTEMS DEVICES (FIRE ALARM, COMMUNICATIONS, AND SECURITY) HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL THE REQUIRED QUANTITIES AND TYPES OF CABLES, CONDUCTORS, RACEWAY, REMOTE POWER SUPPLIES, AND CONNECTIONS, SHIELDING REQUIREMENTS, AND ETC., AS REQUIRED BY THE SYSTEM MANUFACTURER, THE SPECIFICATIONS, AND ANY APPLICABLE CODES. ALL WIRING SHOWN ON ONE-LINE OR RISER SHALL BE FURNISHED AND INSTALLED REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH THE WORK OF ALL OTHER TRADES AND EXISTING CONDITIONS SO AS TO AVOID CONFLICTS. RESOLVE ALL CONFLICTS THROUGH THE RESIDENT ENGINEER PRIOR TO ROUGH-IN. FAILURE TO PROVIDE SUCH COORDINATION PRIOR TO BEING INSTALLED SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION TO THE CONTRACTOR, AND MAY RESULT IN REJECTION OF THE WORK. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE SUBSTITUTIONS WITH OTHER TRADES.
- ALL MATERIALS SHALL BE NEW, SHALL BE SUITABLE FOR THE APPLICATION INTENDED AND SHALL BEAR LABELS OR MARKINGS INDICATING THIRD PARTY TESTING LABORATORY LISTINGS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION UNLESS OTHERWISE NOTED.
- VERIFY LOCATIONS OF WIRING DEVICES IN FURNISHED SPACES, MILLWORK, AND CASEWORK WITH THE ARCHITECTURAL DRAWINGS, DETAILS AND ELEVATIONS AND WITH THE OWNERS EQUIPMENT LAYOUT PRIOR TO ROUGH-IN. DEVICE BOSES SHALL NOT BE INSTALLED BACK TO BACK.
- ALL WIRING FOR POWER AND LIGHTING SYSTEMS SHALL BE INSTALLED IN METALLIC RACEWAY SYSTEMS UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER, SHALL BE #12 AWG MINIMUM, AND SHALL HAVE 600V TYPE THHN/THWN INSULATION, UNLESS OTHERWISE NOTED. ALL RACEWAYS AND CIRCUITS SHALL INCLUDE INSULATED GROUND CONDUCTORS SIZED AS INDICATED OR AS REQUIRED BY THE NEC. MINIMUM RACEWAY SIZE SHALL BE 1/2" UNLESS OTHERWISE NOTED.
- RACEWAYS SHALL NOT CONTAIN MORE THAN THREE PHASE CONDUCTORS, THREE NEUTRALS, AND ONE GROUND CONDUCTOR, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS FOR ALL 20A/1P CIRCUIT BREAKERS. PROVIDING MULTI-POLE CIRCUIT BREAKERS IN CONJUNCTION WITH SHARED NEUTRALS IN A MULTI-WIRE CIRCUIT IN ACCORDANCE WITH NEC 210.4 SHALL BE APPROVED BY THE RESIDENT ENGINEER.
- EXPOSED RACEWAY UP TO 8'-0" AFF OR GRADE OR ELEVATION OR ANY RACEWAY SUBJECT TO DAMAGE SHALL BE RMC.
- ALL CONNECTIONS FOR ELECTRICALLY POWERED EQUIPMENT, INCLUDING BUT NOT LIMITED TO MECHANICAL AND OWNER SUPPLIED EQUIPMENT, SHALL BE FURNISHED AND INSTALLED. WHERE NOT INDICATED AS TO BE PROVIDED WITH THE EQUIPMENT, ALL REQUIRED DISCONNECTING MEANS SHALL BE FURNISHED AND INSTALLED AS PART OF THE ELECTRICAL WORK. COORDINATE LOCATIONS OF DISCONNECTING AND CONTROLLING MEANS WITH EQUIPMENT TO MAINTAIN CODE AND INSTALLATION REQUIREMENTS.
- ALL RACEWAY SHALL BE CONCEALED IN FURNISHED SPACES AND MAY BE INSTALLED EXPOSED IN MECHAICAL AND ELECTRICAL ROOMS OR AS INDICATED. ALL RACEWAY AND WIRING WHETHER CONCEALED OR EXPOSED SHALL BE RUN EITHER PERPENDICULAR OR PARALLEL TO THE BUILDING'S STRUCTURAL COMPONENTS.
- PROVIDE PULL AND JUNCTION BOXES AS REQUIRED TO MEET CODE AND INSTALLATION REQUIREMENTS. PULL AND JUNCTION BOXES SHALL BE CONCEALED IN FURNISHED SPACES AND LOCATIONS SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES SO AS TO AVOID CONFLICTS.
- ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH JUNCTION BOX, OUTLET BOX, CABINET, PULL BOX ETC. WITH VINYL SELF ADHESIVE TAGS INDICATING PANEL AND CIRCUIT NUMBER, CONTROL WIRE IDENTIFICATION NUMBER, OR OTHER APPROPRIATE INFORMATION. ALL PULL AND JUNCTION BOXES SHALL BE LABELED AS TO FUNCTION.
- ALL EQUIPMENT SHALL BE SECURELY FASTENED BY MEANS OF ANCHORS, RODS, HANGERS, SUPPORTS, GUIDES, SWAY BRACES AND ETC. TO MAINTAIN ALIGNMENT AND TO PREVENT EQUIPMENT MOVEMENT.
- ALL PENETRATION OF FIRE OR SMOKE RATED CONSTRUCTION SHALL BE SEALED WITH FIRE STOP MATERIALS APPROVED AND LISTED FOR THE RATING OF CONSTRUCTION TO BE PENETRATED. PROVIDE DOCUMENTATION FOR ALL SUCH PENETRATION SEALING SYSTEMS FOR VERIFICATION OF PROPER INSTALLATION.
- TO PREVENT PERSONNEL INJURY AND POTENTIAL SYSTEM FAILURE, ELECTRICAL WORK SHALL BE PERFORMED ON DE-ENERGIZED SYSTEMS ONLY. WHERE WORK ON EXISTING SYSTEMS WILL REQUIRE INTERRUPTION OF ELECTRICAL SERVICE, THEN TEMPORARY PROVISIONS ACCEPTABLE TO THE RESIDENT ENGINEER FOR TEMPORARY POWER SHALL BE UTILIZED UNTIL THE WORK IS COMPLETE.
- WHERE 20A, 120V LIGHTING AND POWER CIRCUIT LENGTHS EXCEED 150 FEET, PROVIDE #10, PHASE AND NEUTRAL CONDUCTORS WITH #10 GND IN MINIMUM 3/4" CONDUIT.
- ALL RECEPTACLES SHALL BE DUPLEX NEMA 5-20R AND UL LISTED AS HOSPITAL GRADE UNLESS OTHERWISE NOTED
- INSTALL RECEPTACLE OUTLETS 18" AFF OR 6" ABOVE COUNTER TOP AS MEASURED TO THE CENTER OF THE BOX.

LEGEND

- RECEPTACLE, DUPLEX
- RECEPTACLE, DUPLEX ON EMERGENCY POWER
- RECEPTACLE, DUPLEX WITH GFCI
- RECEPTACLE, DUPLEX WITH GFCI ON EMERGENCY POWER
- CONDUIT TERMINATED 6" AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT USING 3/4" LFMC, SEE SHEET E-130, EQUIPMENT ITEM (E-4).

KEYED NOTES

- ① SURFACE MOUNT RIGID METALLIC CONDUIT (RMC) AND OUTLET BOXES ON PLASTER / METAL LATH WALL.

KEYED ELECTRICAL NOTES

- ① PROVIDE NEW 100A, 208Y/120V, 3PH, 4-WIRE, NEMA 1 PANELBOARD (1-1-15E) AND FEEDER (FD-1) TO PANEL (1W-B-14E) IN B201. PROVIDE 100A, 3PH, CIRCUIT BREAKER, SEE SHEET E-102. COORDINATE WORK AND ACCESS TO ROOM B3208 WITH EMS SO AS NOT TO INTERFERE WITH OPERATIONS.

