



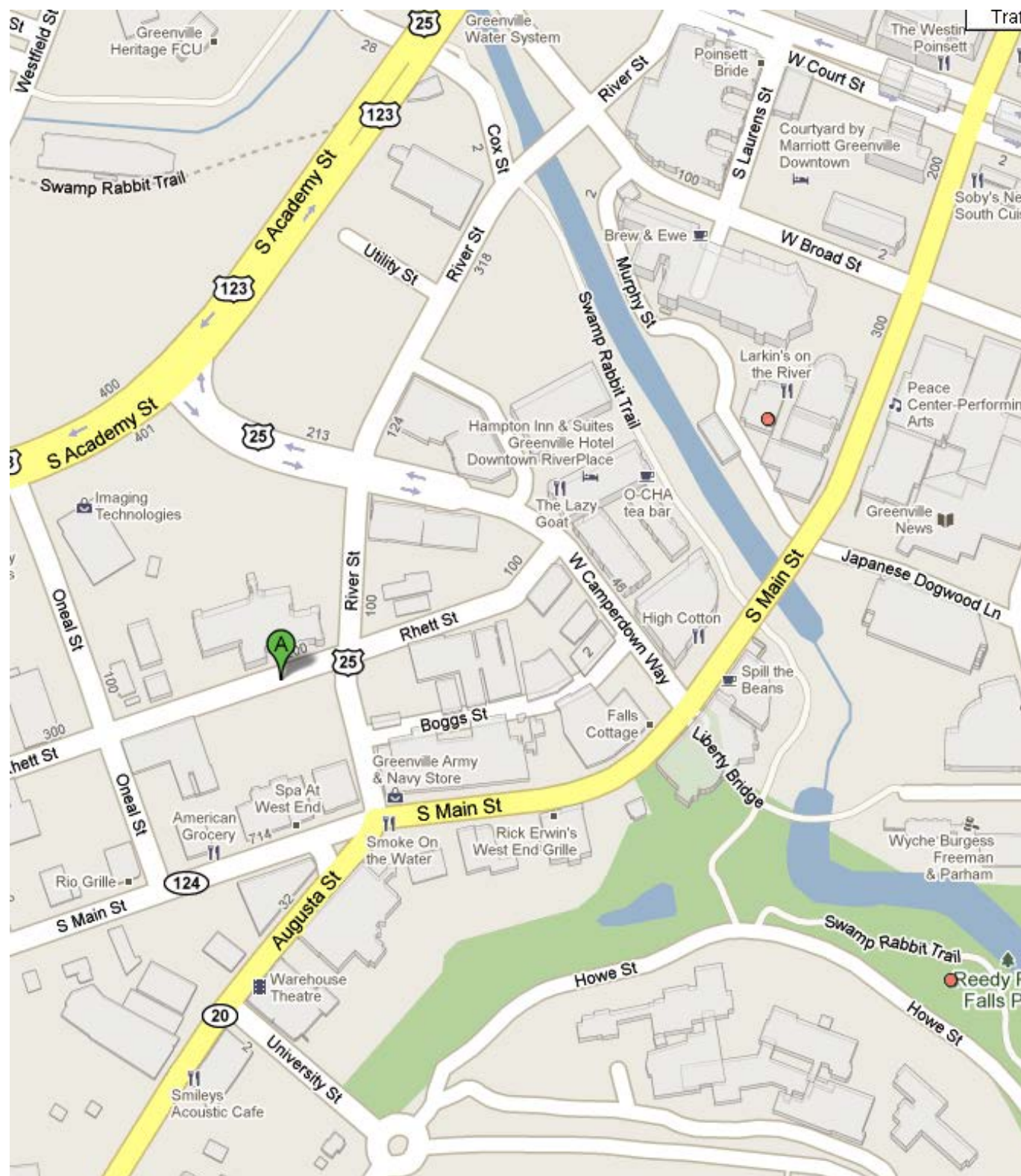
GCAT Professionals  
MEDICAL TECHNOLOGY





## *Connect. Commit. Create.*

At Greenville Center for Arts and Technology, we want to encourage our students to connect to the community, commit to their success, and create a bright future. As a replicate facility of Manchester Bidwell, we strive to reach adults seeking professional development and public school students with underestimated potential. The facility is designed to educate these individuals through state-of-the-art equipment, specialized programs, and enriching environment.







**Who are the end users of the GCAT Adult program?**

The medical technology program at GCAT is focused toward adults that are seeking career advancement as a Biomedical Equipment Technician or other related fields. This program is for adults that are interested in the medical field, inclined or enjoy working with sophisticated equipment, and desire to serve others. The curriculum for this program involves courses related to biomedical equipment, specialized computer technology, digital and analog electronics, circuit analysis, anatomy and physiology, and general biology and chemistry courses.



**What does that mean for our facility?**

The design of the medical technology wing will create an opportunity for students to become familiar with their future work environment, gain an advanced knowledge of state-of-the-art equipment that will be used in their future profession, and enhance learning through flexible, intimate, and sophisticated learning environments.

**Our Solution:**

To create opportunities for students to become familiar with their future work environment:

- Mock exam and CT scan rooms
- FF&E selections will reflect the current trends in healthcare environment
- Way finding will be similar to typical healthcare environments

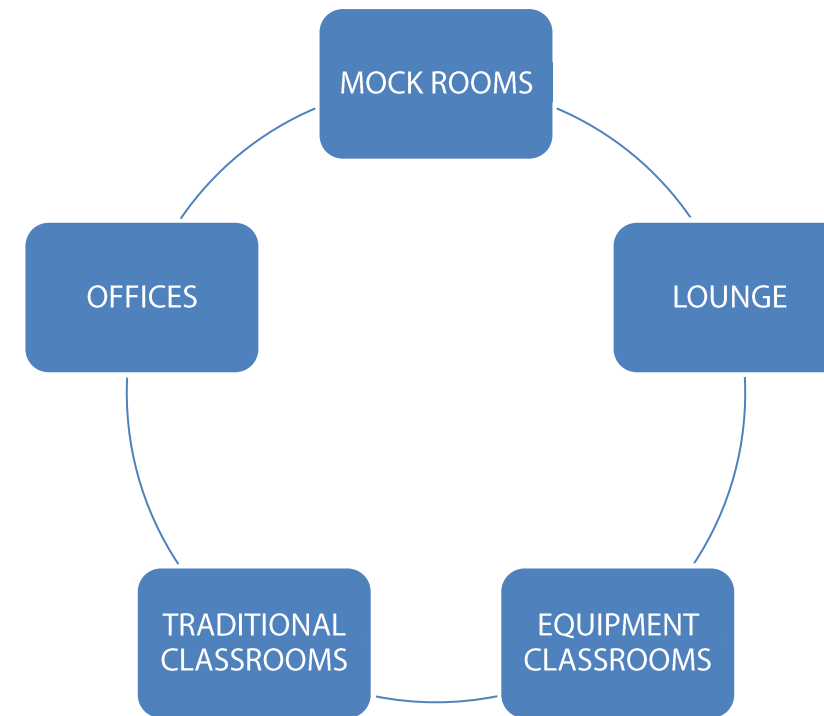
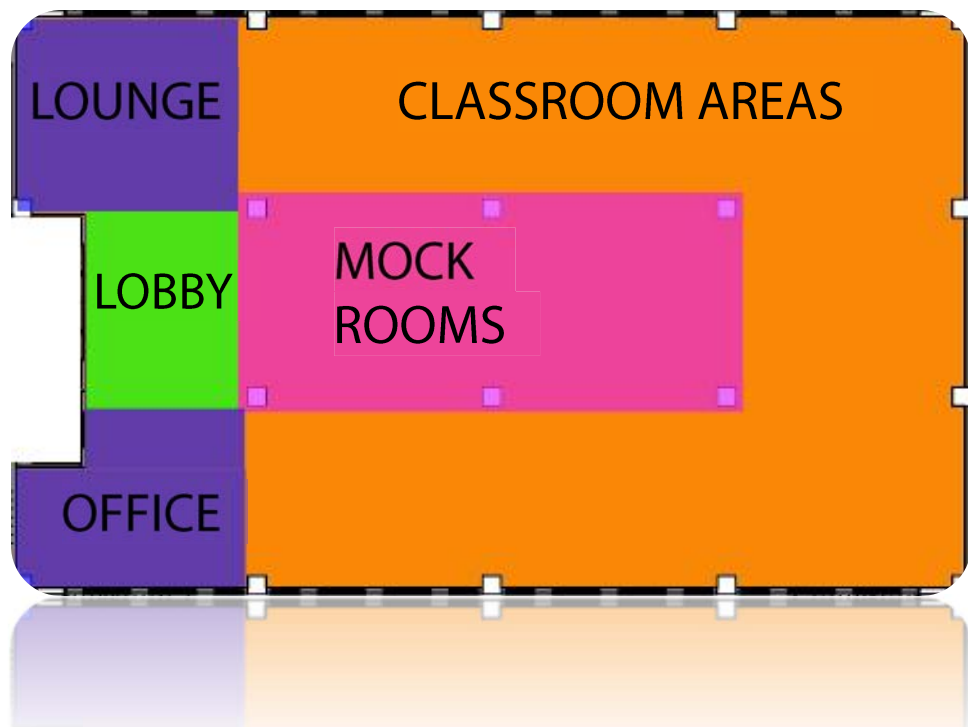
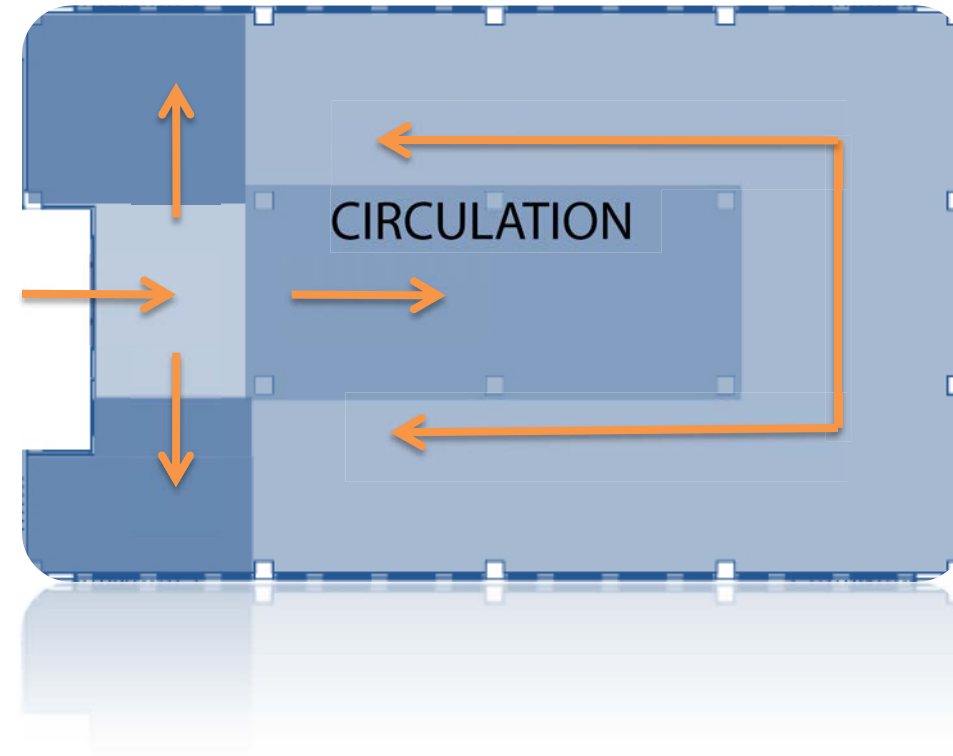
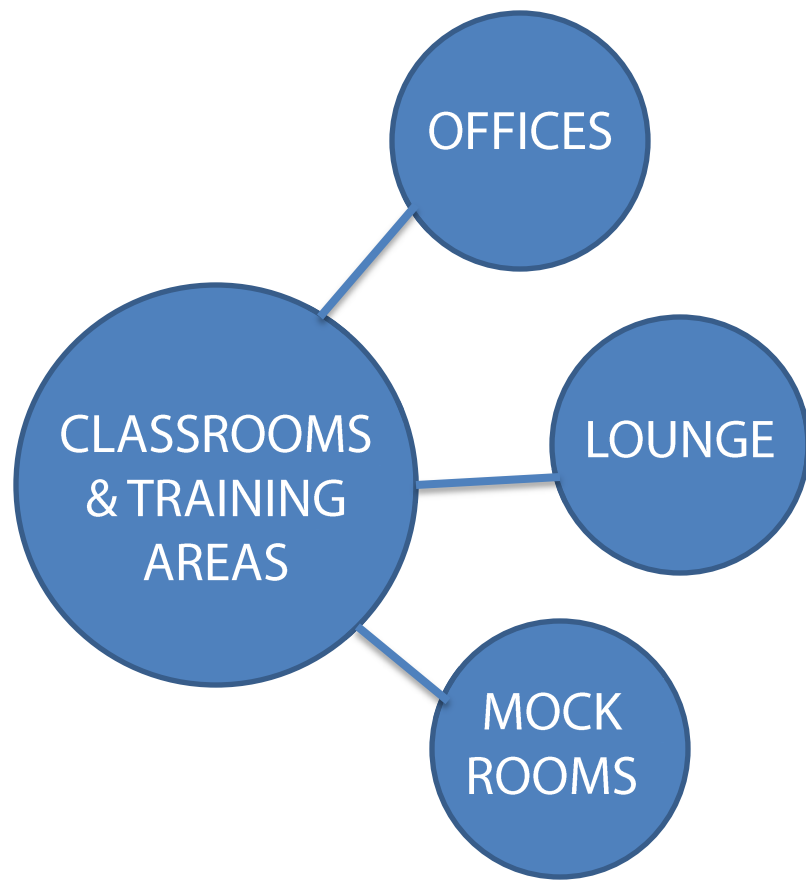
To support the understanding of state-of-the-art equipment and develop advanced scientific knowledge:

- Variety of classroom types, styles, and configurations
- Convenient storage areas for equipment and supplies
- Appropriate furniture and safety equipment provided

To enhance learning through flexible, intimate, and sophisticated learning environments:

- Mobile seating, desks, casework, lecterns, and teaching boards
- Raised flooring systems
- Dimmable and varied lighting
- Moveable and retractable walls
- Moveable lounge groupings
- Student and faculty lounge area
- Classroom sizes restricted to 16 students
- Ceiling materials possessing beneficial acoustical properties
- Selection of contemporary FF&E









# MEDICAL FACILITY FLOOR PLAN







Wall Paint



Access System High Pressure Laminate 1



Bench Upholstery



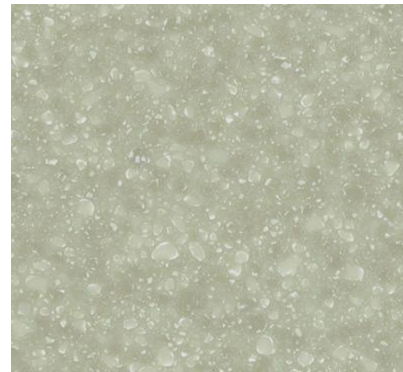
Seating (in addition to built-in benches)



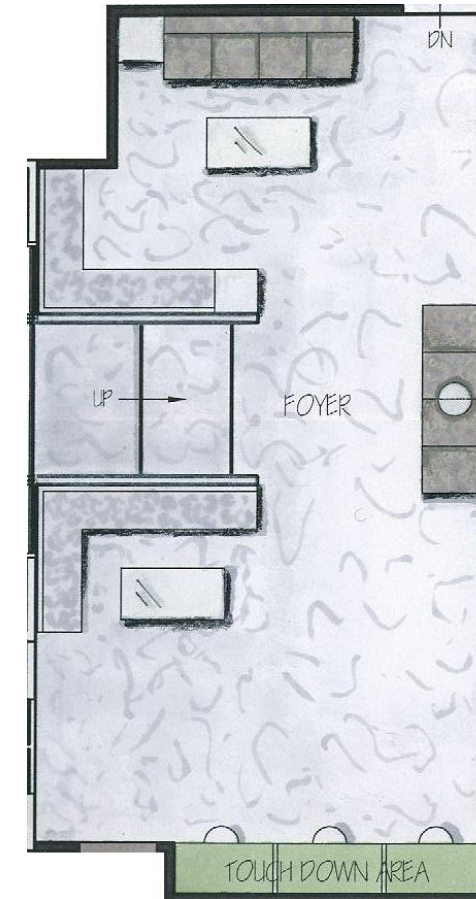
Soudscapes ACT



DIRTT Wall System Combination Panel & Glass



Touch Down Station Countertop



Enlarged Foyer



Side Table



Textured glass wall: Logo Signage front wall



Access Raised Flooring System



Lounge Area Table







Wall Paint



Access System High Pressure Laminate 1



Bench Upholstery



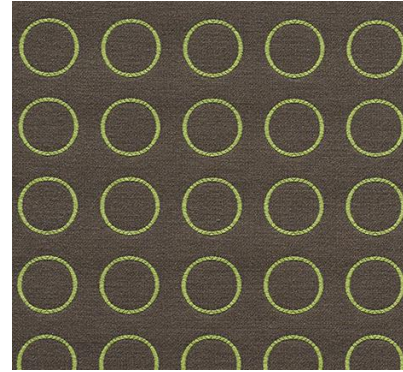
Lounge Area Dining Chair



Soudscapes ACT



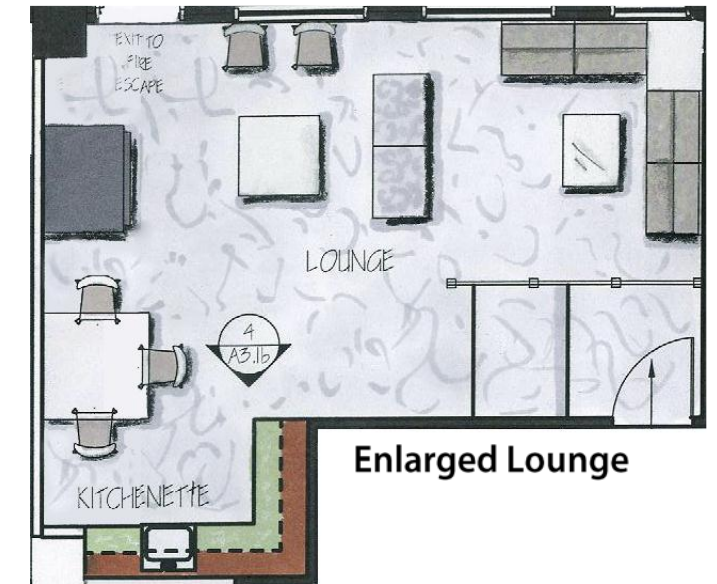
Back and Backless Lounge Seating



Lounge Side Seating Upholstery



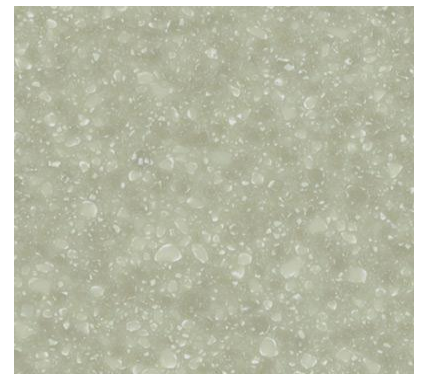
Lounge Side Seating



Enlarged Lounge



Laminate Cabinetry



Wilsonart Countertop



Lounge Area Table



Dining Table







Wall Paint



DIRTT Wall System Combination Panel & Glass



Technology Lectern



Computer Desk for Computer Lab



Carpet Tile with Revolutionary System Adhesive



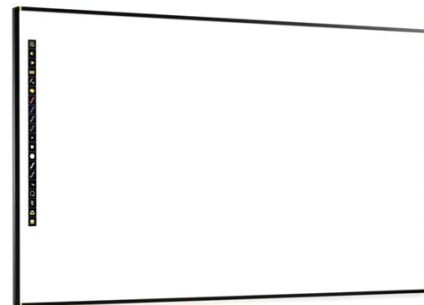
Steelcase Moveable Presentation Boards



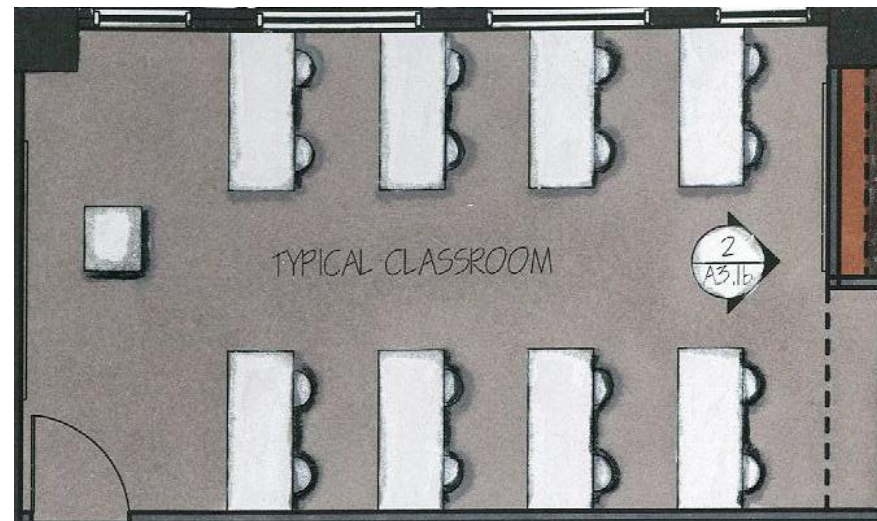
Flexible Student Desks and Chairs



Retractable Wall



Steelcase Stationary Presentation Boards



Enlarged Typical Classroom

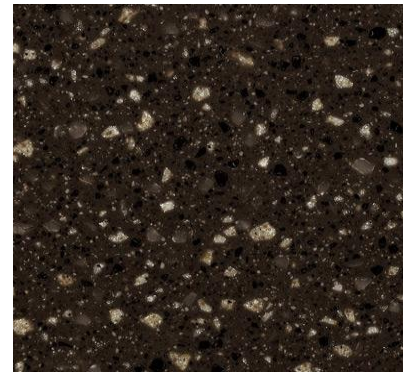




Wall Paint



Laminate Cabinetry



Wilsonart Countertop



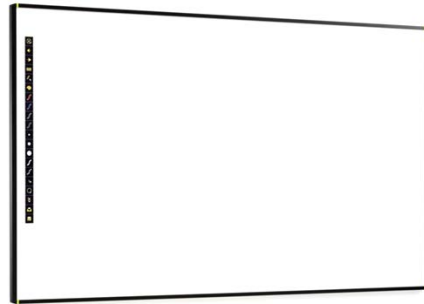
Ventilation Hood



Eye Wash Station



Access System High Pressure Laminate 2



Steelcase Stationary Presentation Boards



Science Lab Stool



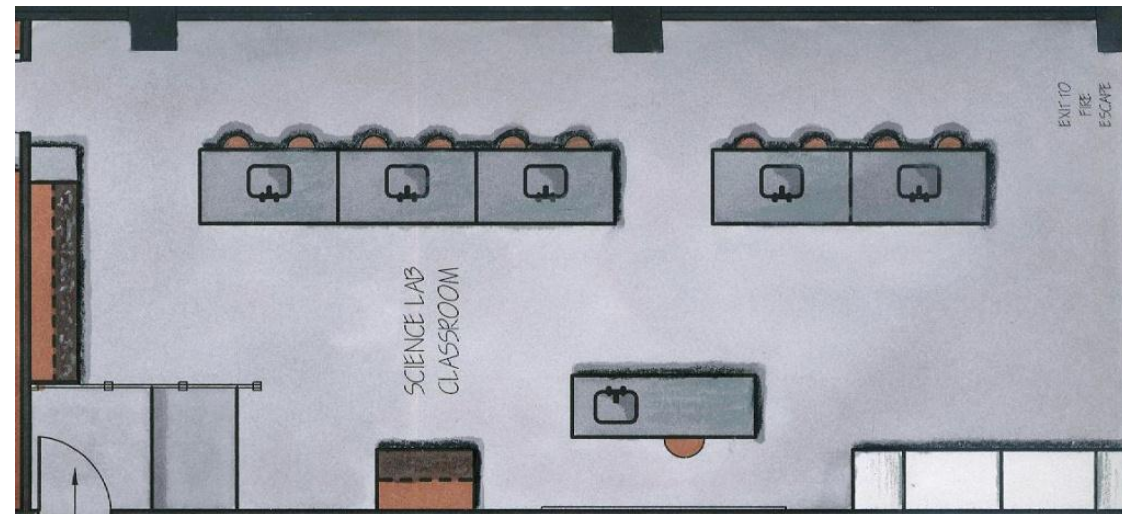
Mobile Microscope Cabinet



Retractable Wall



Student Lab Tables



Enlarged Science Laboratory



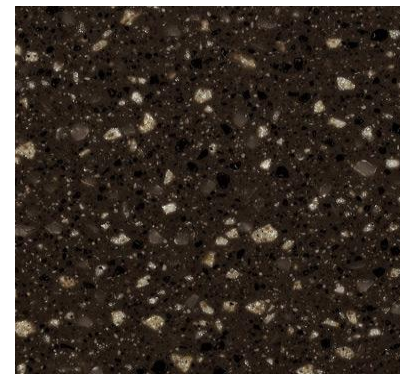




Wall Paint



Laminate Cabinetry



WilsonArt Countertop



R2 by Nurture Side Table



Access System High Pressure Laminate 2



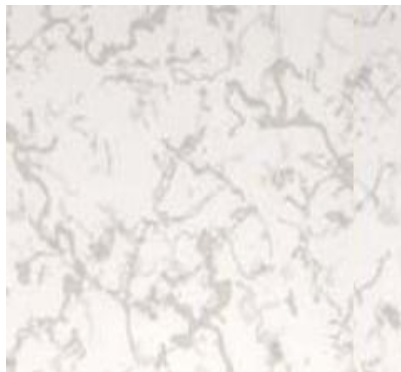
DIRTT Wall System Combination Panel & Glass with Cabinetry



I intensa: Stool



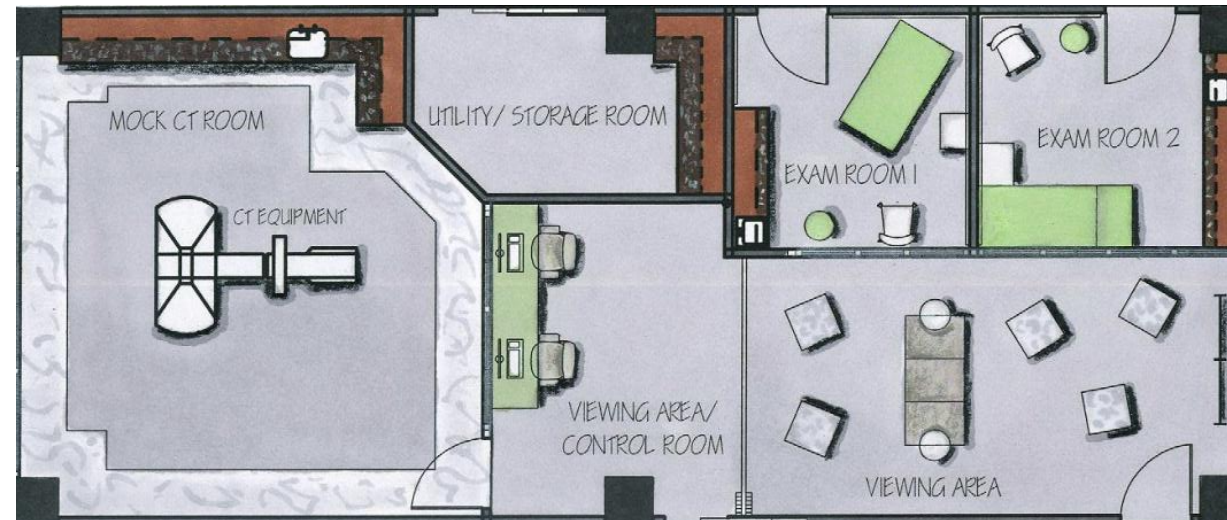
I intensa: Exam Table



Access System High Pressure Laminate 1



Aspekt by Nurture Guest Seating



Enlarged Mock Exam Room/CT/Viewing Area







**CT Scanner Equipment**



**Portable X Ray Machine**



**Electric Wheelchair**



**Mammography Equipment**



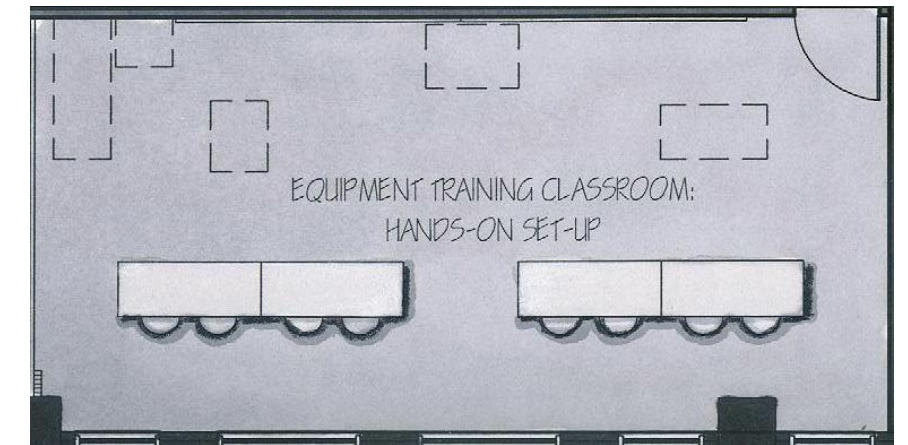
**Heart Lung Machine**



**Electronic Adjustable Exam Table**



**Dialysis Machine**



**Enlarged Partial Equipment Classroom**







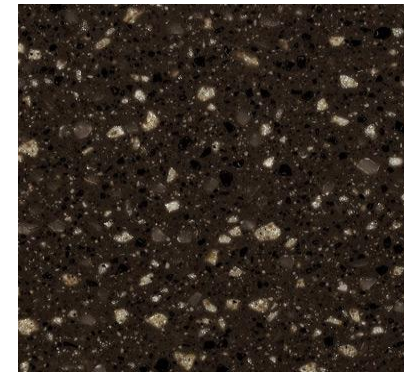
Wall Paint



Seating Upholstery



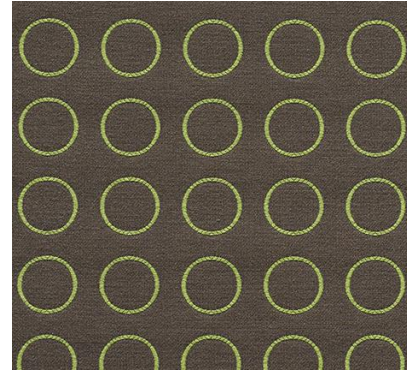
Laminate Cabinetry



Wilsonart Countertop



Carpet Tile with Revolutionary System Adhesive



Guest Chair Upholstery



Administrative Suite Detail



Context Workstation Team Desk Unit



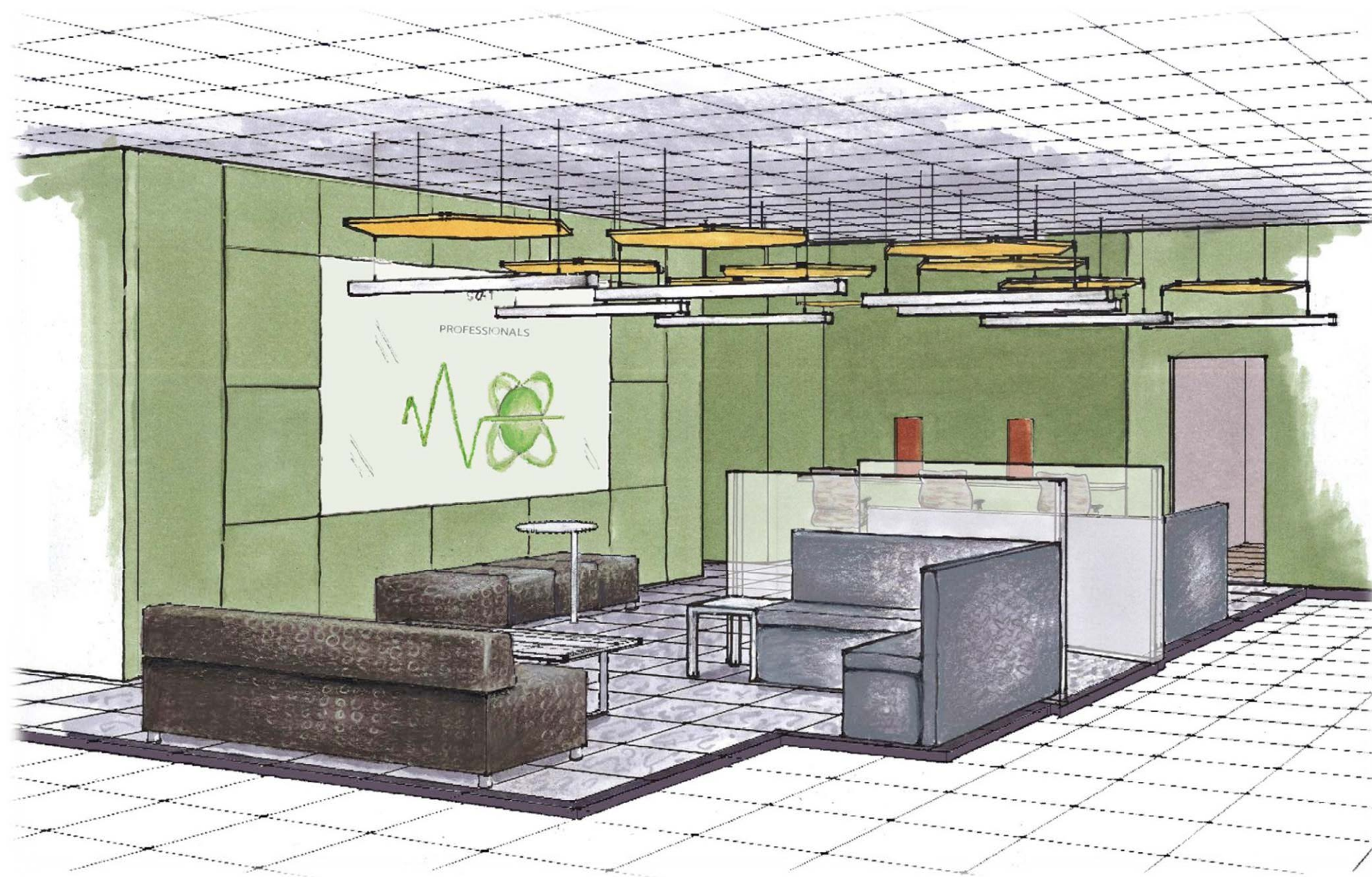
Elective Elements 6 Private Office Unit



Guest Seating





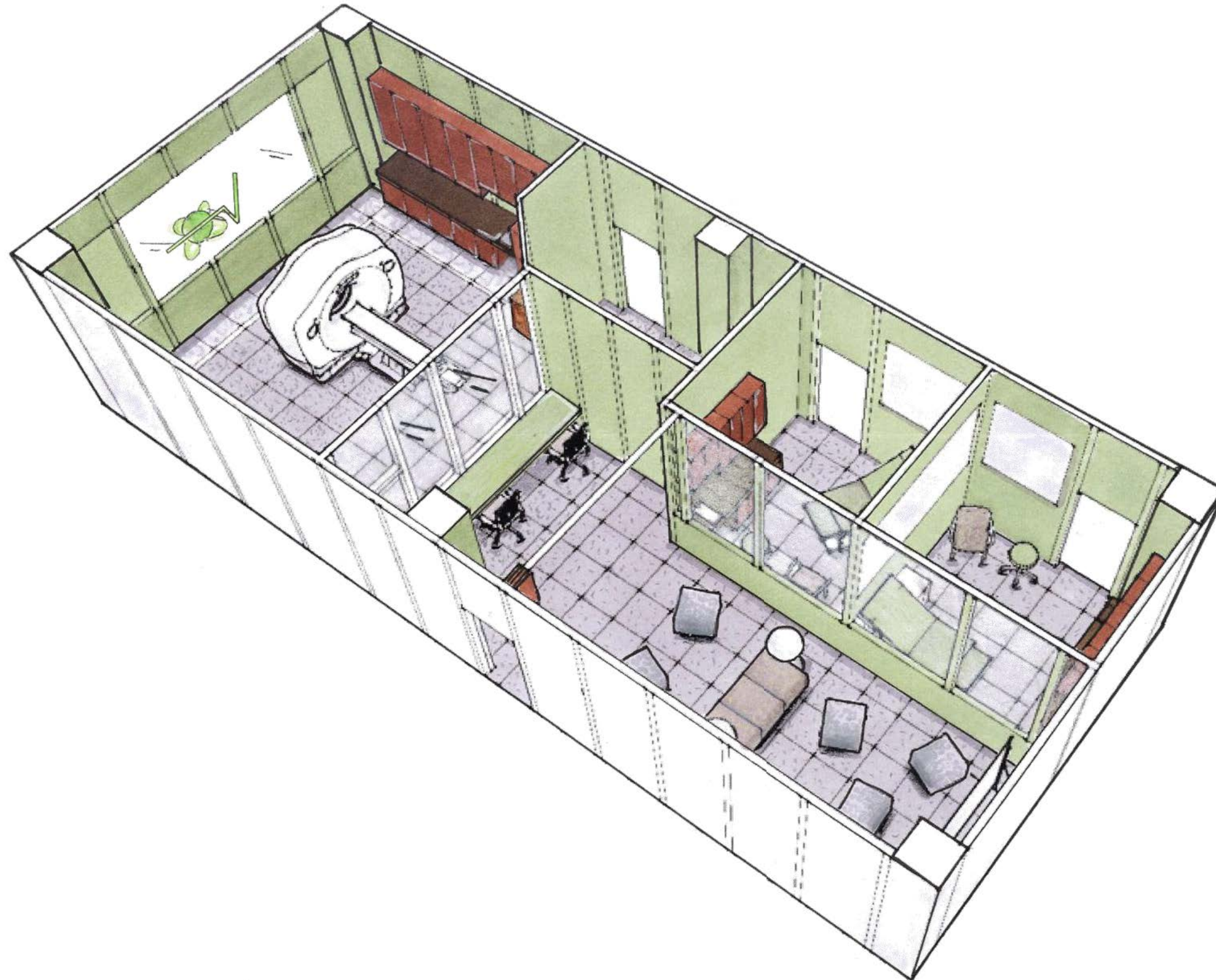


FOYER PERSPECTIVE



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MEDICAL TECHNOLOGY





MEDICAL EXAM ROOMS AND VIEWING AREA AXONOMETRIC



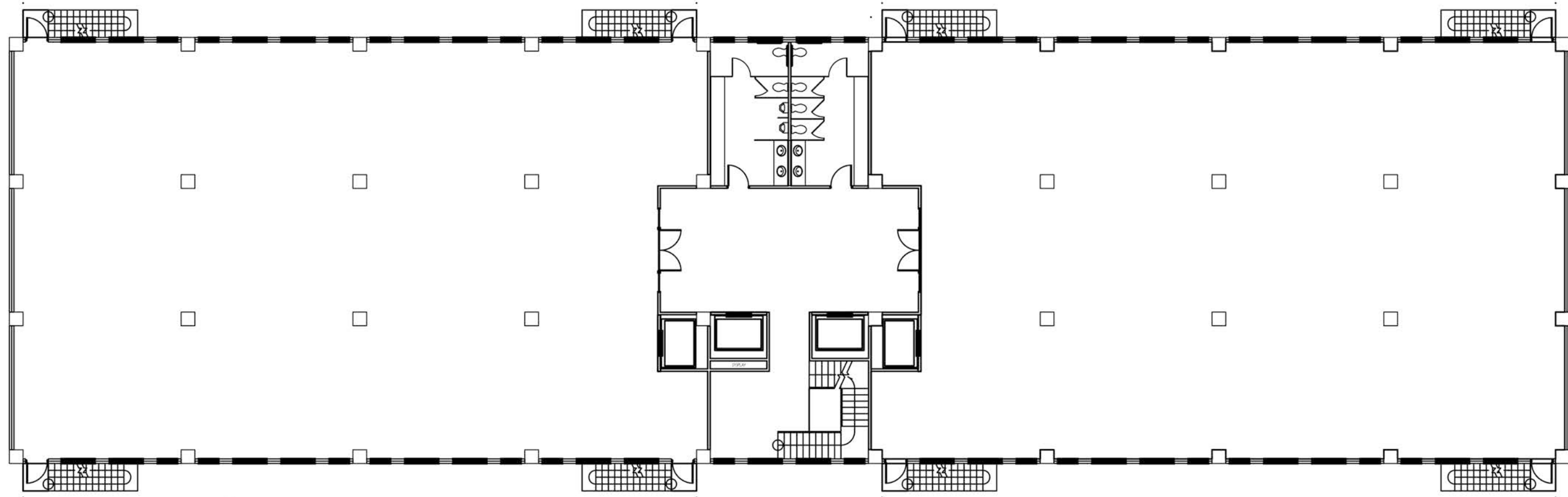
GCAT Professionals  
MEDICAL TECHNOLOGY



# GCAT: GREENVILLE CENTER FOR ARTS AND TECHNOLOGY

SITE ADDRESS:

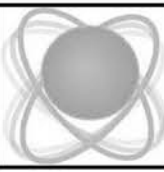
INTERSECTION OF RIVER, BOGGS, AND RHETT ST.  
GREENVILLE, SC 29601



1 KEY PLAN  
SCALE: 1/16" = 1'-0"

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A3.1.a ELEVATIONS	A4.b: REFLECTED CEILING PLAN



RWR

856 WHISPERING  
PINE CIRCLE,  
LUSBY, MD  
20657  
443.975.1684

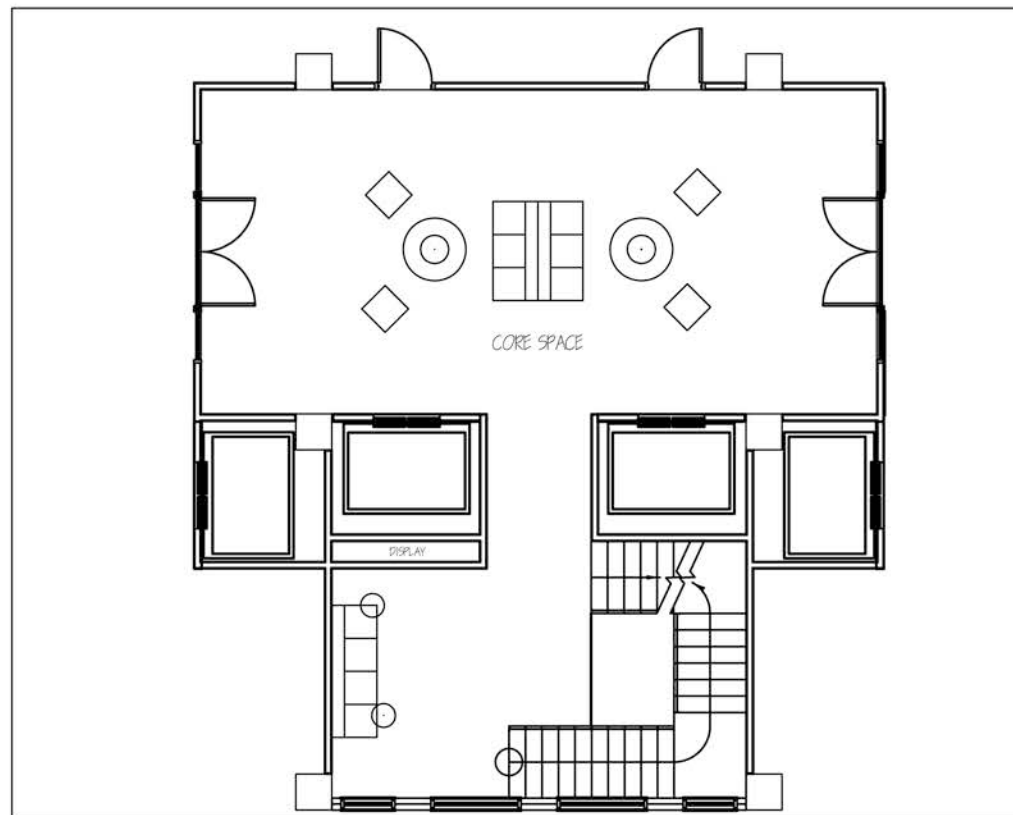
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MICAL ROMANO

ADDRESS:  
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GREENVILLE, SC 29601  
DATE:  
DEC 13  
2010

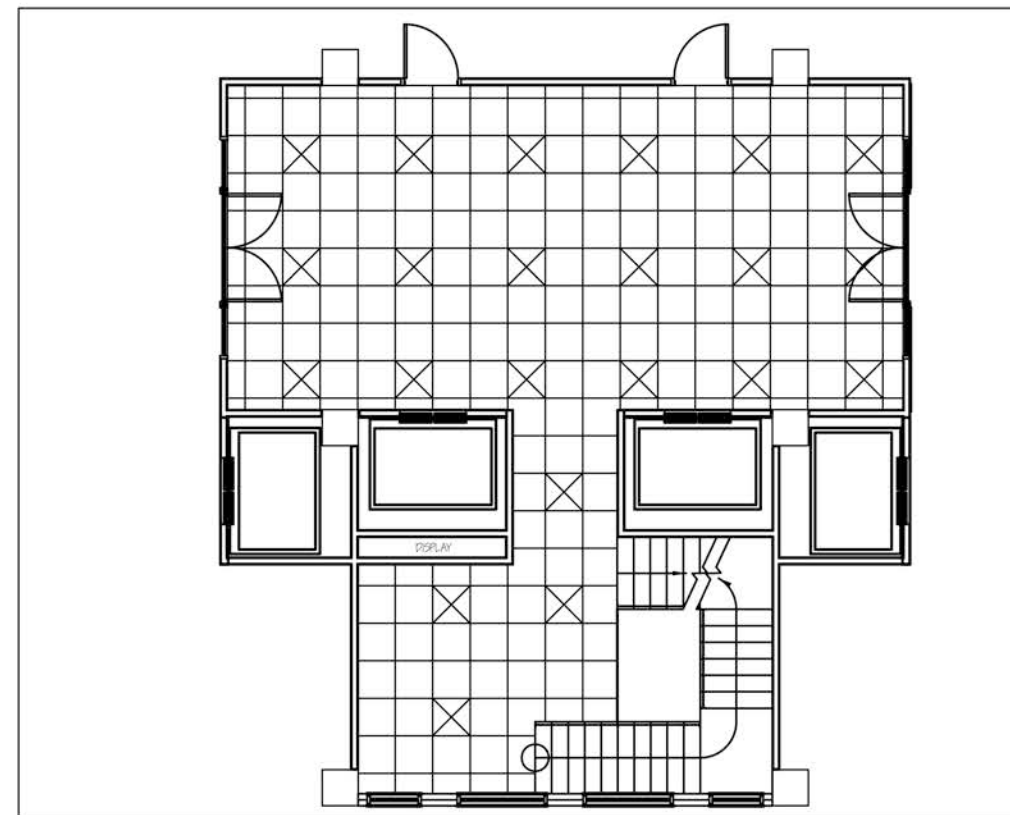
NO.  
MEDICAL  
TRAINING  
FACILITY:  
COVER SHEET



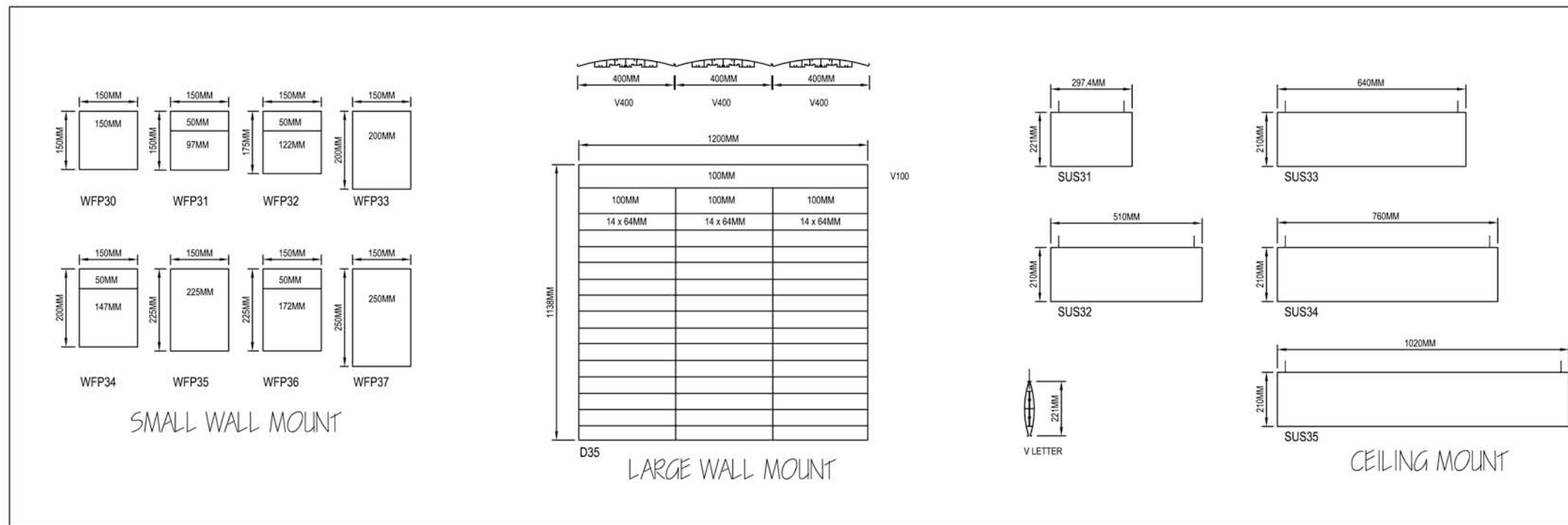




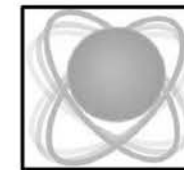
1 CORE FLOORPLAN  
SCALE: 3/32" = 1'-0"



2 CORE RCP  
SCALE: 3/32" = 1'-0"



3 SIGNAGE  
SCALE: 1/4" = 1'-0"



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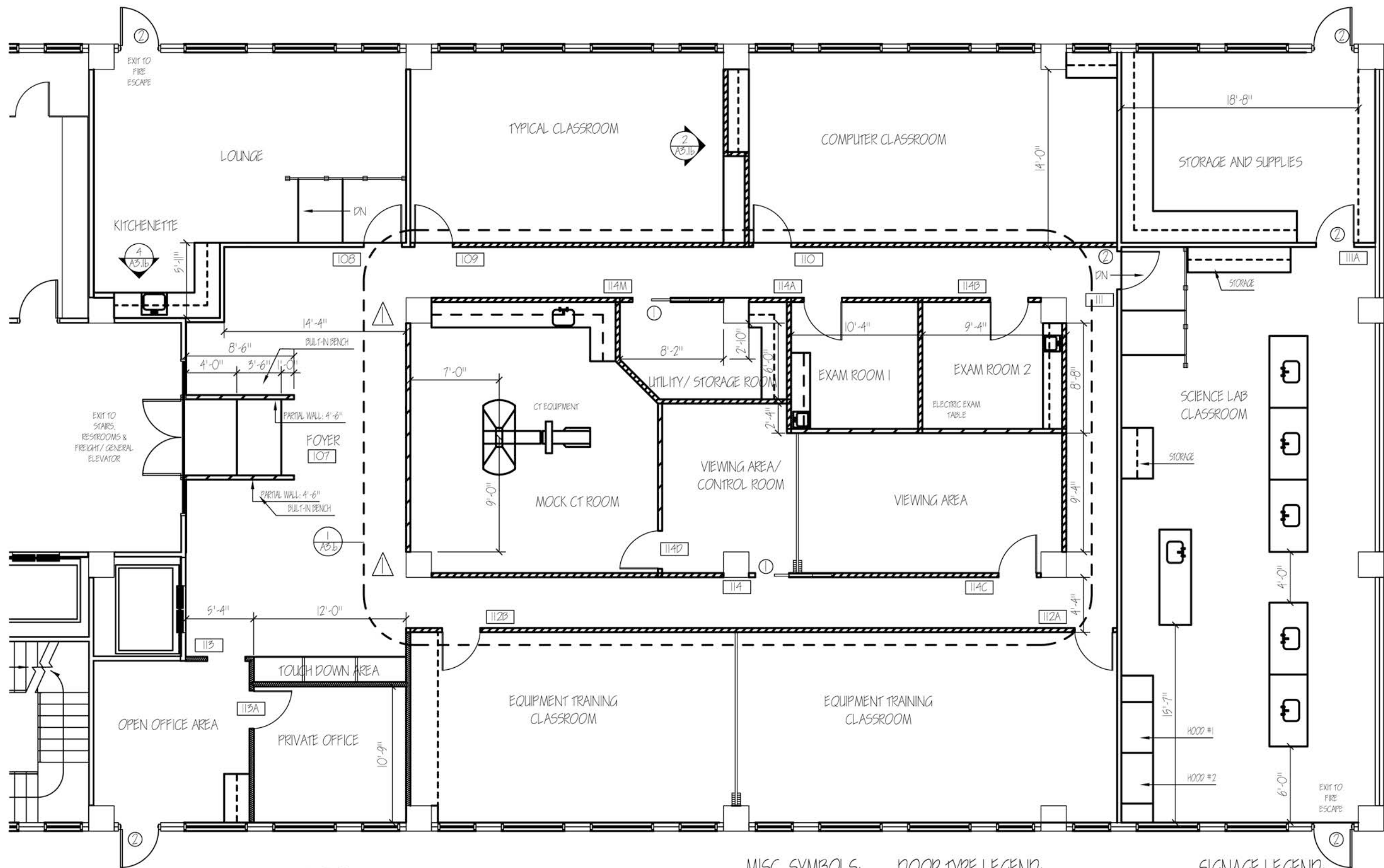
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DATE: DEC 15, 2010  
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MEDICAL TRAINING FACILITY:  
COVER SHEET







**1**  
**ARCH. FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

- NOTES:**
1. UNLESS OTHERWISE NOTED, WALLS TO BE ALIGNED WITH EXISTING STRUCTURAL PIECES
  2. UNLESS OTHERWISE NOTED, DOORS TO BE 3' WIDE STANDARD INTERIOR DOOR
  3. ALL SHARED EXTERIOR/ EXISTING WALLS BRICK CONSTRUCTION
  4. ALL RAMPS SPECIFIED ARE ACCESS FLOORING RAMP KITS

**MISC. SYMBOLS:**

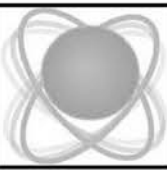
- DIRT GLASS INSERTS
- DIRT PANEL WALL
- GYPSUM BOARD
- FOLDABLE WALL
- ELEVATION SYMBOL
- DETAIL SYMBOL

**DOOR TYPE LEGEND:**

- 3' WIDE INTERIOR POCKET DOOR
- 3' WIDE FIRE RATED DOOR
- 3' WIDE CASED OPENING
- 3' DIRT PIVOT DOOR

**SIGNAGE LEGEND:**

- ROOM NUMBER
- WALL MOUNTED WAYFINDING SIGNAGE
- ACOUSTIC INSULATION



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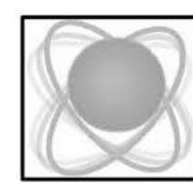
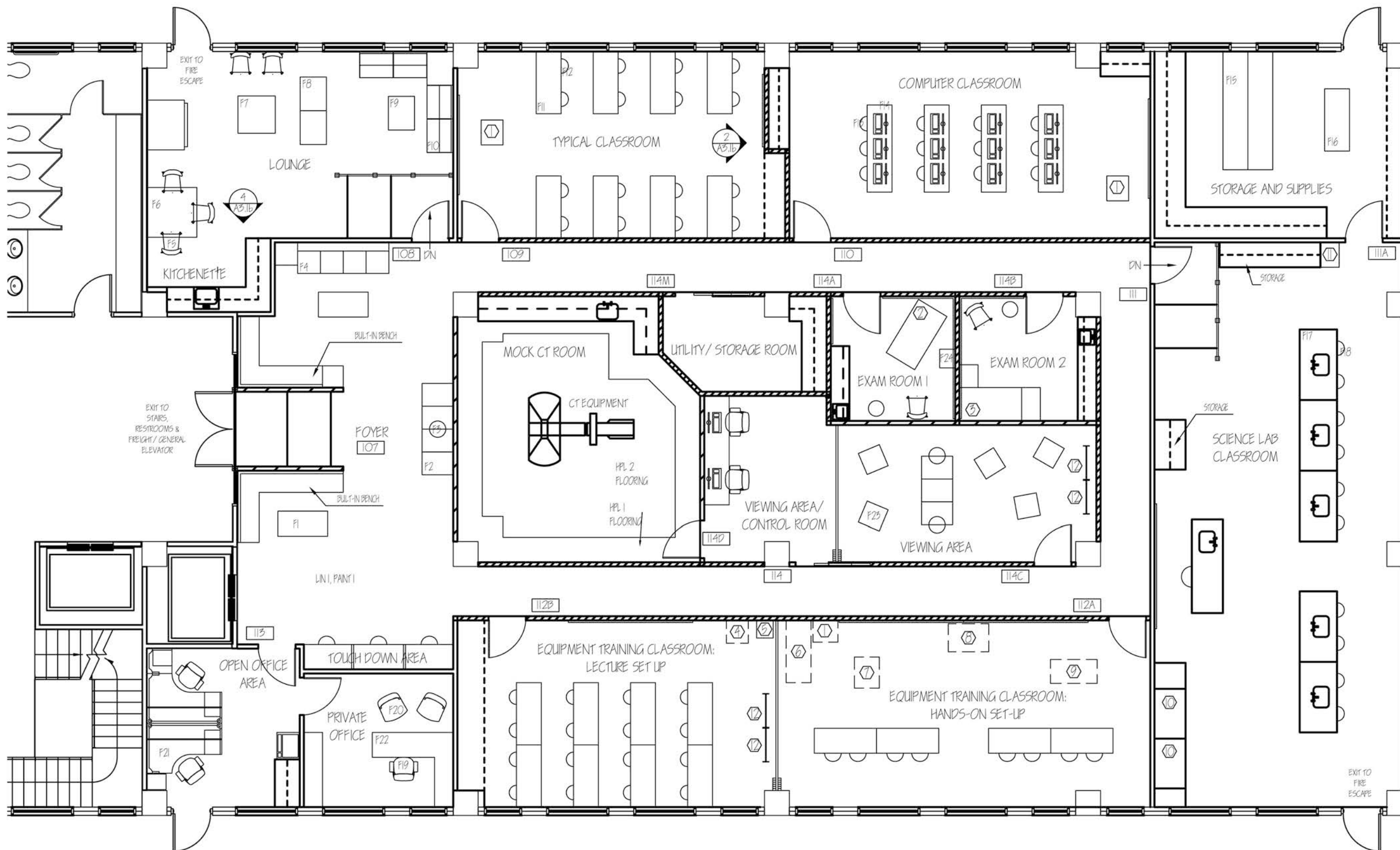
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DATE:  
 DEC 15 2010

NO.

MEDICAL TRAINING FACILITY:  
 ARCHITECTURAL FLOOR PLAN





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 NO.

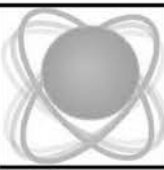
MEDICAL  
 TRAINING  
 FACILITY:  
 FURNITURE/  
 FINISH PLAN



**1** FURNITURE & FINISH PLAN  
 SCALE: 1/8" = 1'-0"

- NOTES:
1. UNLESS OTHERWISE NOTED, ALL FLOORING IS RAISED SYSTEM
  2. ALL DIRT WALLS TO BE CAPPED WITH DIRT ACOUSTIC CAP BETWEEN WALL AND CEILING GRID
  3. ALL DIRT SOLID PANELS TO BE PANEL TYPE 1
  4. UNLESS OTHERWISE NOTED, ALL CEILING MATERIALS ARE ACT 1





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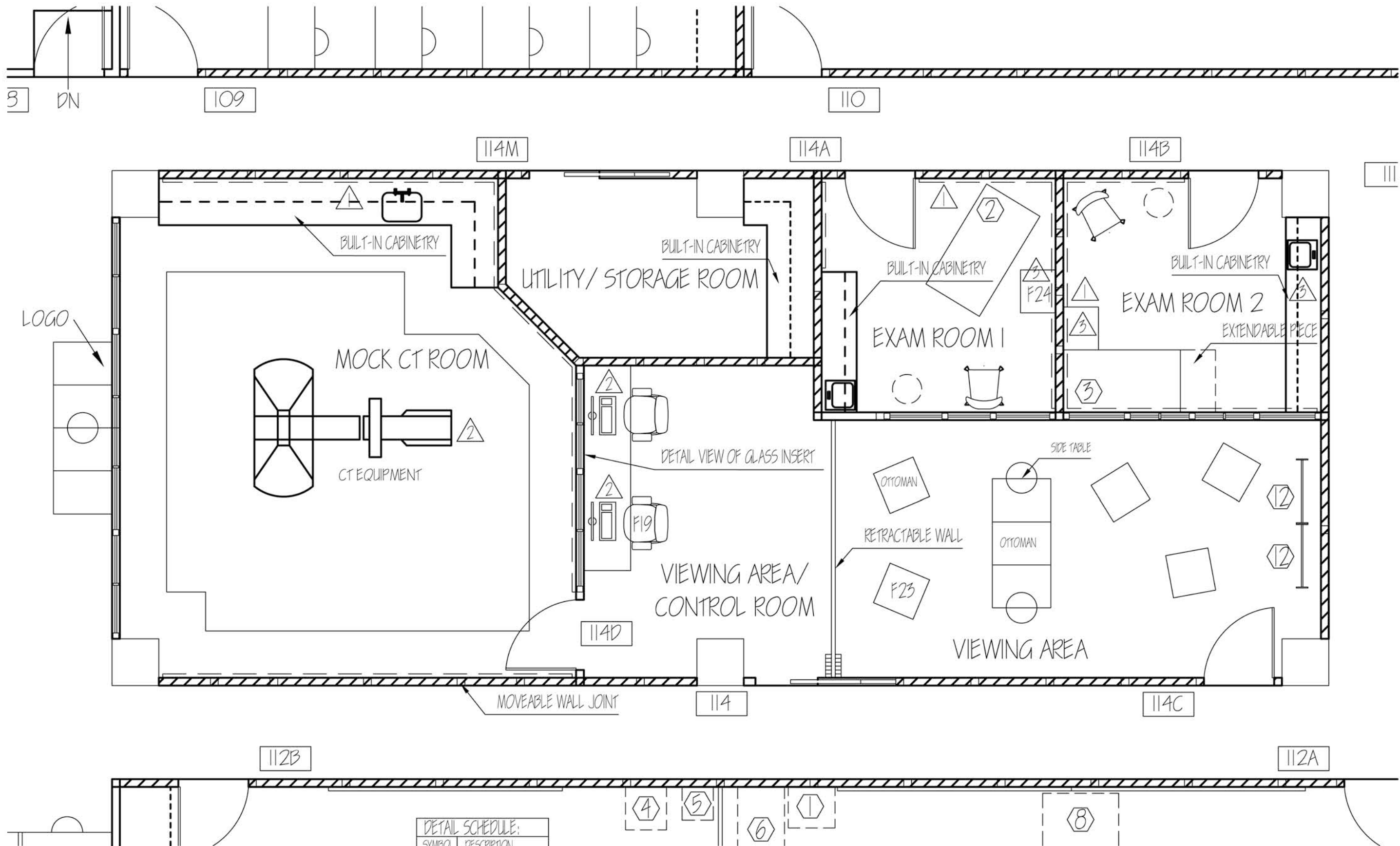
MEDICAL  
TRAINING  
FACILITY:  
FINISHES  
LEGENDS

FURNITURE SCHEDULE:			
SYMBOL	DESCRIPTION	MANUF.	QTY.
F1	SWITCH COFFEE TABLE	COALESSE	2
F2	AWAIT BENCH WITHOUT BACK	COALESSE	2
F3	AWAIT SIDE TABLE	COALESSE	4
F4	AWAIT BENCH/ SOFA WITH BACK	COALESSE	1
F5	ENEA LOTTUS SIDE CHAIR	COALESSE	7
F6	EMU ROUND SERIES TABLE	COALESSE	1
F7	HOLY DAY TABLE	COALESSE	1
F8	GROOVE SEATING NO BACK	STEELCASE	2
F9	GROOVE COFFEE TABLE	STEELCASE	2
F10	GROOVE SEATING	STEELCASE	4
F11	ZII TABLE	SURFACE WORKS	20
F12	ZII CHAIR	SURFACE WORKS	40
F13	ROCKY TASK CHAIR	STEELCASE	15
F14	PLANNER ACCESS WORKSTATION	ATD AMERICAN	4
F15	WIRE SHELVING UNIT	ATD AMERICAN	2
F16	MICROSCOPE MOBILE CABINET	ATD AMERICAN	1
F17	SCIENCE LAB DESK	ATD AMERICAN	6
F18	SCIENCE LAB STOOL	ATD AMERICAN	11
F19	THINK TASK CHAIR	STEELCASE	3
F20	BINDU GUEST CHAIR	STEELCASE	2
F21	ELECTIVE ELEMENTS 6	STEELCASE	1
F22	CONTEXT WORKSTATION	STEELCASE	2
F23	AWAIT OTTOMAN	COALESSE	5
F24	POCKET CART SIDE TABLE	NURTURE	2

FINISH SCHEDULE:						
ROOM NAME	#	FLOORING	BASE	WALLS	UNPAINTED BRICK	CEILING
FOYER	107	HPL 1	RUBBER, DIRT	PAINT 1	NONE	ACT, SUS 1
LOUNGE	108	HPL 1	RUBBER	PAINT 2	NORTH	ACT, SUS 1
TYPICAL CLASSROOM	109	CPT	RUBBER, DIRT	PAINT 1	NORTH	ACT
COMPUTER CLASSROOM	110	CPT	RUBBER, DIRT	PAINT 1	NORTH	ACT
SCIENCE LAB CLASSROOM	111	HPL 2	RUBBER	PAINT 1	EAST, SOUTH	ACT
SCIENCE LAB STORAGE	11A	HPL 2	RUBBER	PAINT 1	NORTH, EAST	ACT
EQUIPMENT TRAINING A	112A	HPL 2	RUBBER, DIRT	PAINT 1	SOUTH	ACT
EQUIPMENT TRAINING B	112B	HPL 2	RUBBER, DIRT	PAINT 1	SOUTH	ACT
OPEN OFFICE AREA	113	CPT	RUBBER	PAINT 1	SOUTH	ACT
PRIVATE OFFICE	113A	CPT	RUBBER	PAINT 1	SOUTH	ACT
MOCK EXAM AND VIEWING	114	SEE INDIVIDUAL	DIRT	PAINT 2	NONE	ACT
EXAM ROOM 1	114A	HPL 2	DIRT	PAINT 2	NONE	ACT
EXAM ROOM 2	114B	HPL 2	DIRT	PAINT 2	NONE	ACT
VIEWING AREA C	114C	HPL 2	DIRT	PAINT 2	NONE	ACT
VIEWING AREA D	114D	HPL 2	DIRT	PAINT 2	NONE	ACT
MOCK CT ROOM	114M	HPL 1, 2	DIRT	PAINT 2	NONE	ACT

EQUIPMENT LEGEND:					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
①	MOBILE LECTERN	⑤	DIALYSIS MACHINE	⑨	PORTABLE X RAY MACHINE
②	GENERAL EXAM TABLE	⑥	MODULAR CASEWORK	⑩	VENTILATION HOOD
③	ELECTRIC EXAM TABLE	⑦	MAMMOGRAPHY MACHINE	⑪	SAFETY WASH STATION
④	ELECTRIC WHEELCHAIR	⑧	HEART AND LUNG MACHINE	⑫	MOBILE TEACHING BOARD



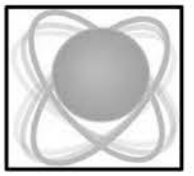


1 DETAILED PLAN  
SCALE: 1/4" = 1'-0"

DETAIL SCHEDULE:	
SYMBOL	DESCRIPTION
▲	TACKABLE SPACE FOR IMAGES
▲	IMAGING RELATED TECHNOLOGY
▲	POSSIBLE TD LOCATION FOR LAPTOP

- GENERAL NOTES:
1. MOVEABLE WALLS SEGMENTS MAXIMUM 4' IN WIDTH
  2. GLASS WALLS BETWEEN VIEWING AREAS AND MOCK ROOMS TO HAVE ONE WAY OBSERVATION GLASS INSERTED
  3. CABINETRY IN MOCK EXAM ROOMS TO BE DIRTY SYSTEM
  4. "STUD" CONNECTING WALL PIECES ARE INDICATED NDTS

- GENERAL NOTES:
5. SEE KEY ON PAGE A2.1b TO REFERENCE FINISH, EQUIPMENT, AND FURNITURE LEGEND
  6. HORIZONTAL AND VERTICAL STORAGE AND DESKS TO BE ATTACHED TO DIRTY WALL SYSTEM (EXCLUDING BUILT-INS)
  7. RETRACTABLE WALL TRACK IS CEILING MOUNTED; TO BE ADJUSTED FOR VIEW TO CONTROL ROOM/ MOCK CT ROOM



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GREENVILLE, SC 29601

DATE:  
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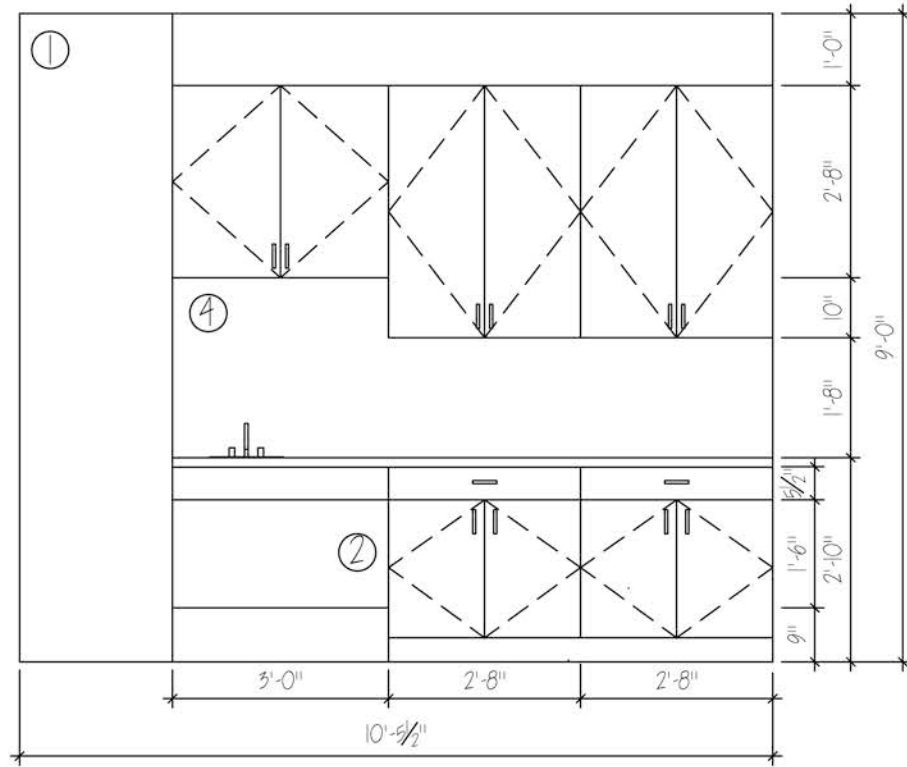
MEDICAL TRAINING FACILITY:  
DETAIL DRAWINGS

A3.b

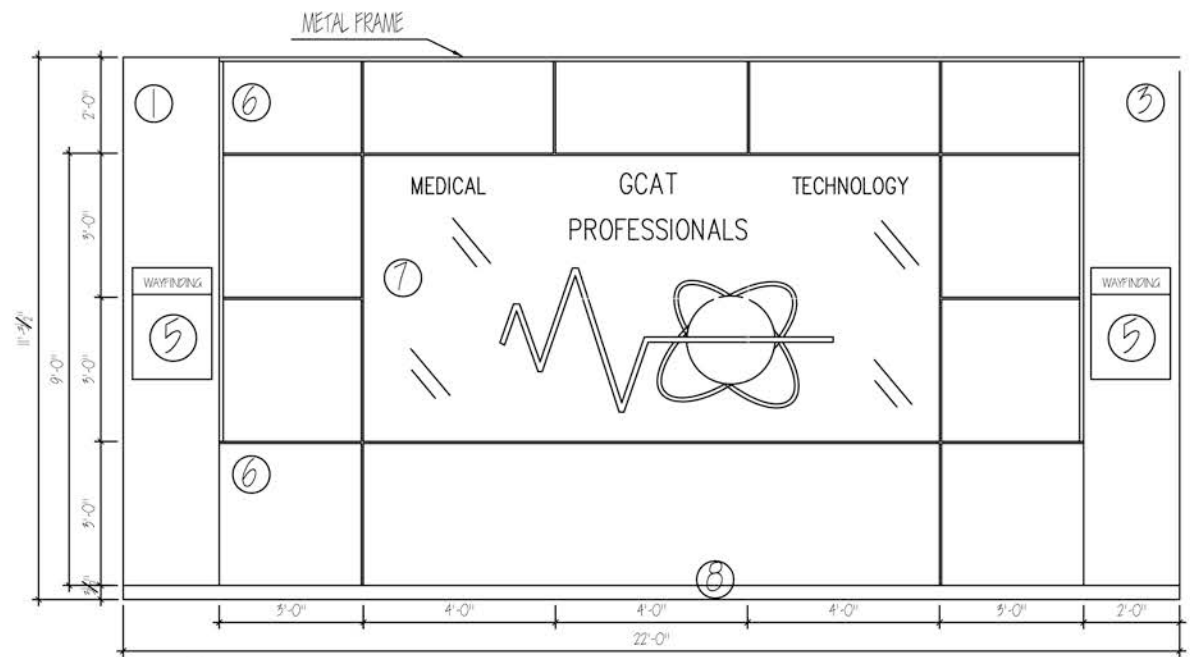


GENERAL NOTES:

1. ALL RAISED FLOORING SPECIFIED FROM STEELCASE LOW PROFILE SYSTEM AND IS 3 1/2" IN HEIGHT
2. ALL STRUCTURAL COLUMNS AND WALLS WERE PREVIOUSLY EXISTING AND THEREFORE CONTINUE FROM BELOW RAISED FLOORING SYSTEM TO ABOVE CEILING PLENUMS OR SOFFITS
3. ALL BASE CABINETS TO BE 34" IN HEIGHT IN ACCORDANCE WITH ADA STANDARDS
4. ALL CABINERY TO BE LAMINATE
6. ALL COUNTER TOPS TO BE CORIAN SOLID SURFACE
7. ALL STRUCTURAL COLUMNS TO BE PAINTED WITH SAME PAINT USED PER ROOM
8. ALL CH 12" BUT ILLUSTRATED ACCORDING TO INTERIOR VIEW CONSIDERING ACT PLENUM LEVEL



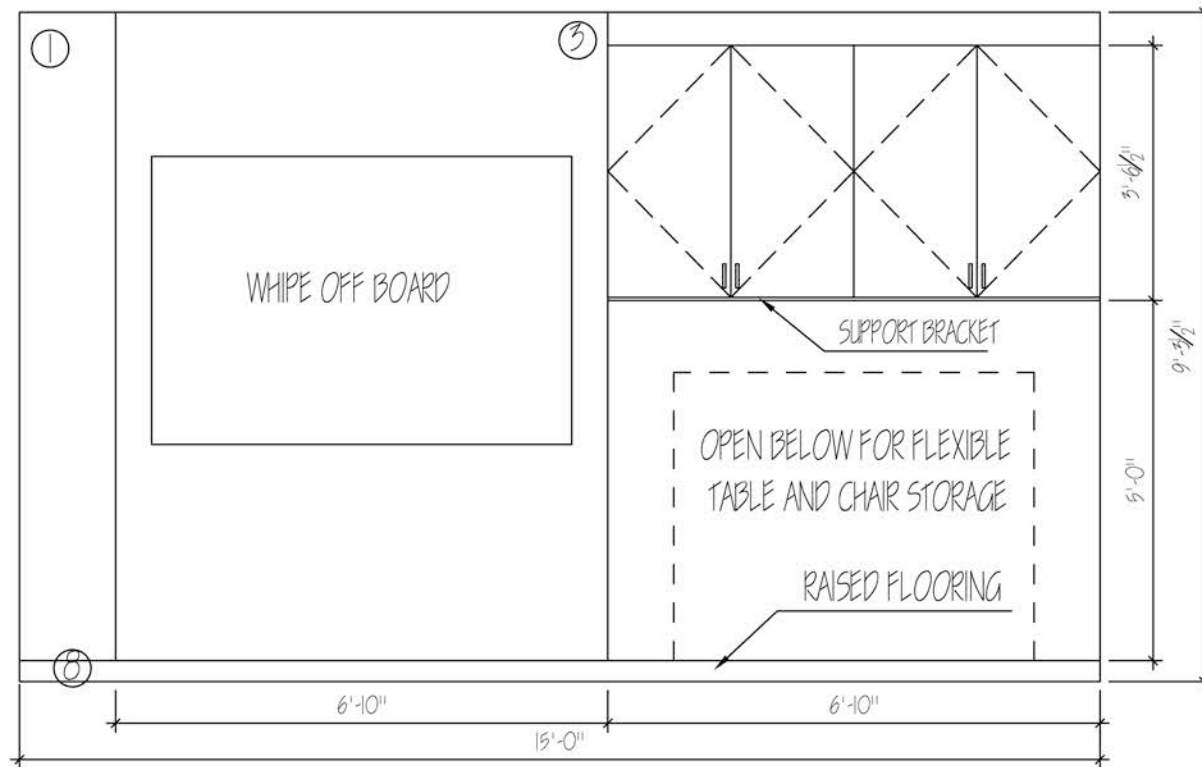
1 TYPICAL EXAM ROOM MILLWORK  
A3.1b SCALE: 3/8" = 1'-0"



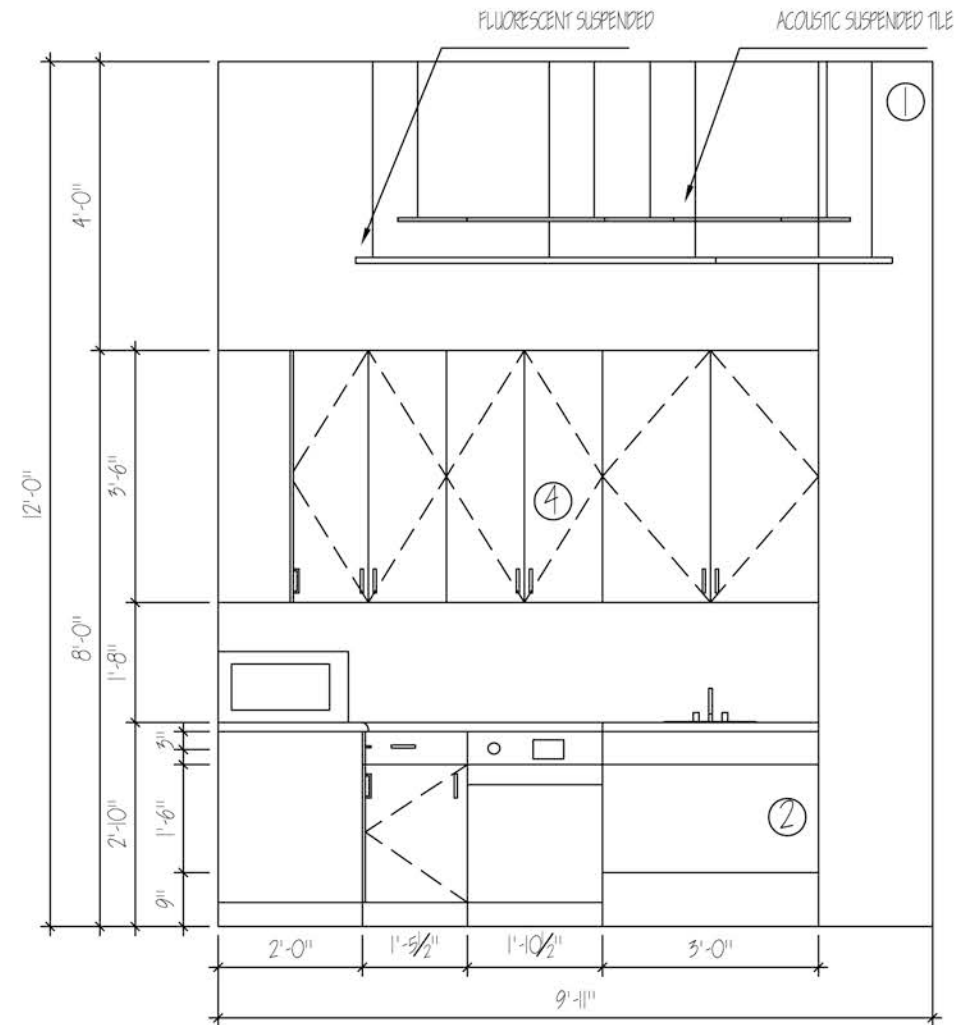
3 TYPICAL WINDOW  
A3.1b SCALE: 1/4" = 1'-0"

KEY NOTES:

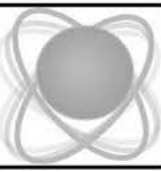
- 1 STRUCTURAL COLUMN
- 2 OPEN SPACE ALLOTTED IN ACCORDANCE WITH ADA STANDARDS AND PLUMBING APRON GENERAL
- 3 PAINT (PAINT 1)
- 4 ANTIMICROBIAL PAINT (PAINT 2)
- 5 WALL MOUNTED WAYFINDING (TYPE 1)
- 6 DIRTY MOVEABLE WALL SYSTEM PANEL INSERT
- 7 DIRTY MOVEABLE WALL SYSTEM GLASS INSERT
- 8 RAISED FLOORING SYSTEM



2 TYPICAL FLEXIBLE STORAGE  
A3.1b SCALE: 3/8" = 1'-0"



4 SOUTH WALL KITCHEN ELEVATION  
A3.1b SCALE: 3/8" = 1'-0"



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20657  
443.975.1684

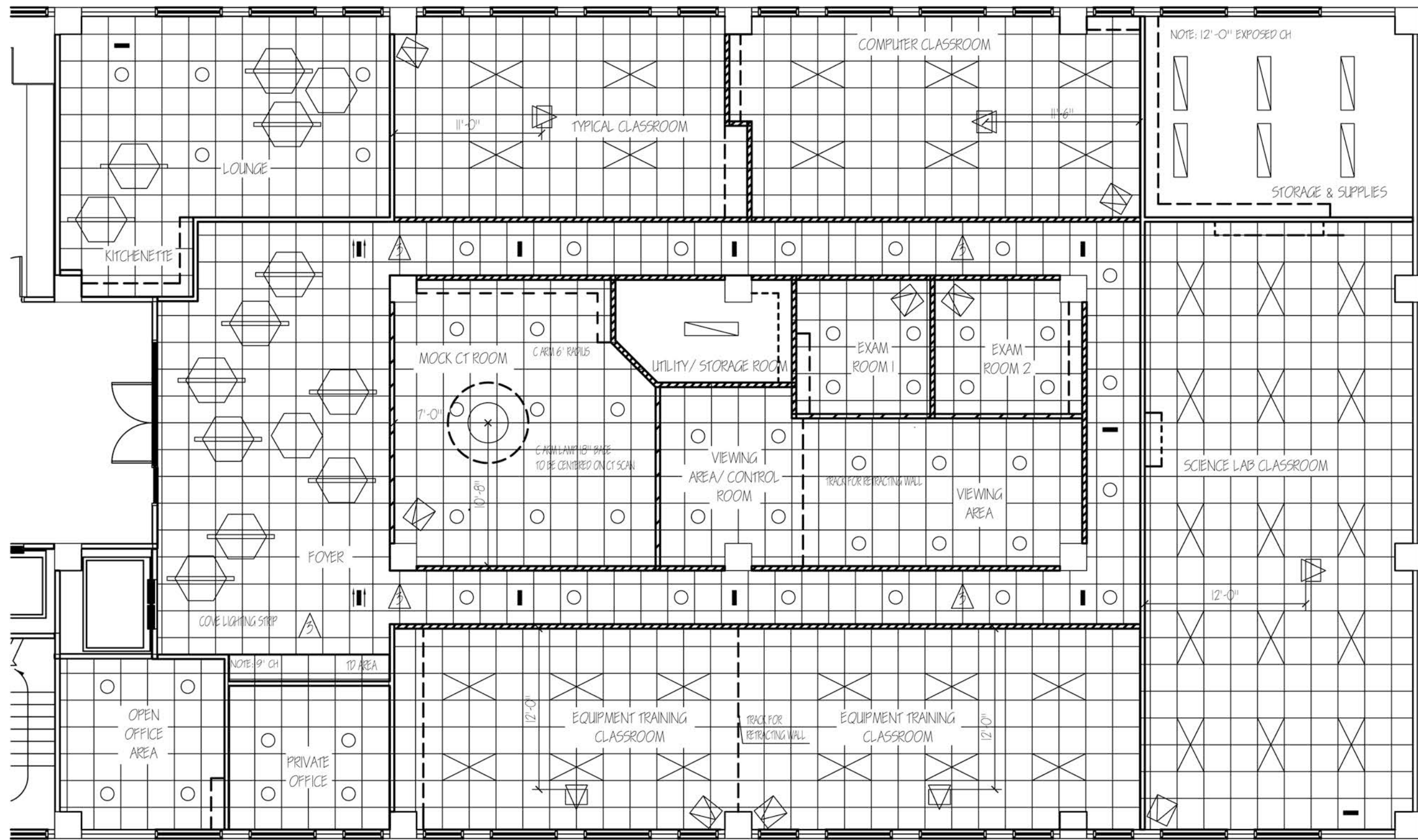
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MICAL ROMANO

ADDRESS:  
INTERSECTION OF RIVER, BOGGS, AND RYETT ST.  
GREENVILLE, SC 29601  
DATE: DEC 15 2010  
NO.

MEDICAL TRAINING FACILITY:  
ELEVATION DRAWINGS



- NOTES:
1. UNLESS OTHERWISE NOTED, CEILING TYPE IS ACT TYPE 1.
  2. UNLESS OTHERWISE NOTED, ALL CEILING HEIGHTS ARE 11'-0"
  3. ALL CEILING HEIGHTS ARE DIMENSIONED FROM AFF (RAISED FLOORING SYSTEM)
  4. ALL CLASSROOM SPECIFIED FIXTURES ARE DIMMABLE
  5. ALL SPECIFIED FIXTURES CONTAIN OCCUPANCY SENSORS
  6. ALL SUS 1 ACT ARE SUSPENDED AT 9'-6" AFF.
  7. ALL AFL 1 ARE SUSPENDED AT 9'-0"
  8. ALL SFL 2 ARE SUSPENDED AT 8'-6"
  9. SHADING SYSTEMS TO INCLUDE TYPICAL COMMERCIAL BLINDS FOR EACH WINDOW
  10. TYPICAL SPACING BETWEEN RECESSED FIXTURES SHALL BE 4'-0" OR 6'-0" (SEE INDICATED)
  11. TYPICAL SPACING BETWEEN FLUORESCENT FIXTURES SHALL BE 4'-0" OR 6'-0" (SEE INDICATED)
  12. SUS 1 TYPE ACT SHALL BE GROUPED WITHIN INDICATED AREAS, BUT IS FLEXIBLE IN INSTALLATION LOCATIONS
  13. SFL 2 SHALL BE SUSPENDED CENTERED ON COMPLEMENTARY SUS 1 TYPE ACT

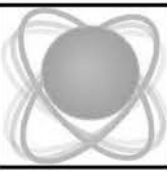


**REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

LIGHTING FIXTURES LEGEND:		
KEY	SYMBOL	TYPE
FL 1		GENERAL FLUORESCENT
SFL 2		SUSPENDED FLUORESCENT TYPE 1
SFL 3		SUSPENDED FLUORESCENT TYPE 2
R		RECESSED
SUS 1		SOUNDSCAPES SUSPENDED ACT

CEILING EQUIPMENT LEGEND:		
KEY	TYPE	DESCRIPTION
	VISUAL PROJECTOR	CEILING MOUNT ADJUSTABLE
	EXIT SIGNAGE	FRONT CEILING MOUNT
	DIRECTIONAL EXIT SIGNAGE	DIRECTIONAL CEILING MOUNT
	SECURITY CAMERAS	STATIONARY, CEILING MOUNT
	WAYFINDING	CEILING MOUNTED, SEE ARCH. PLAN

CEILING HEIGHT SCHEDULE:					
ROOM NAME	#	CH			
OPEN OFFICE AREA	113	9'-0"			
PRIVATE OFFICE	113A	9'-0"			
LOUNGE	108	11'-0"			
TYPICAL CLASSROOM	109	9'-0"			
COMPUTER CLASSROOM	110	9'-0"			
SCIENCE LAB CLASSROOM	111	11'-0"			
SCIENCE LAB STORAGE	11A	12'-0"			
EQUIPMENT TRAINING A	112A	9'-0"			
EQUIPMENT TRAINING B	112B	9'-0"			
			VIEWING AREA C	114C	11'-0"
			VIEWING AREA D	114D	11'-0"
			MOCK CT ROOM	114M	11'-0"
			EXAM ROOM 1	114A	9'-0"
			EXAM ROOM 2	114B	9'-0"
			MOCK EXAM AND VIEWING	114	SEE INDIVIDUAL



856 WHISPERING PINE CIRCLE,  
LUSBY, MD  
20657  
443.975.1684

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NO. 1  
MEDICAL TRAINING FACILITY:  
CEILING PLAN

