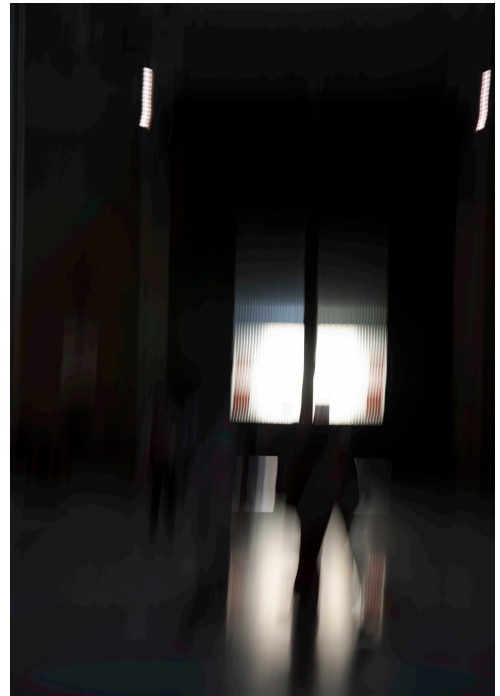


ART 3620, Interior Architecture Studio IV
Professional Design Development Studio
Spring 2016
Tuesday & Thursday: 1:30 - 4:20

Matthew Ziff, Associate Professor
M. Arch, NCIDQ, Architect
Office: W 325 Grover Center
Office Hours: M,W: 11:00 - 2:00
Telephone: 740. 593. 2869
E-mail: ziff@ohio.edu



"Rome Flowers" photo by Matt Ziff



"Church Shadows 1" photo by Matt Ziff

Project 3: Five Weeks: Tuesday, March 24 - Sunday, April 24: 5:00 pm

"Athens Vision & Hearing Clinic"

Project Site:

The existing Athena Grand movie theater building
(originally constructed as a Big Bear grocery store)

- One story building
- 35,000 gross s.f.
- Finished floor to underside of steel bar joists: 17'-0"

- 36" steel bar joists, 10" built up steel deck, rigid insulation, membrane roof
- 12" 'I' shape steel columns throughout the building

Required Spaces:

Total of approximately 5,000 gross square feet (sf)

Main Entry & Waiting Room: 300 sf

Reception & Check In: 160 sf (counter top, 4 'window' patient service check in staff)

Public Restrooms: Two (2) single occupancy unisex restrooms: 65 sf each

Doctor offices: Three (3) vision, three (3) hearing: 100 sf each

Storage room: Two (2): 150 sf each (one for vision, one for hearing)

Nurses Stations: Two (2) to accommodate four (4) Nurses: 150 sf each

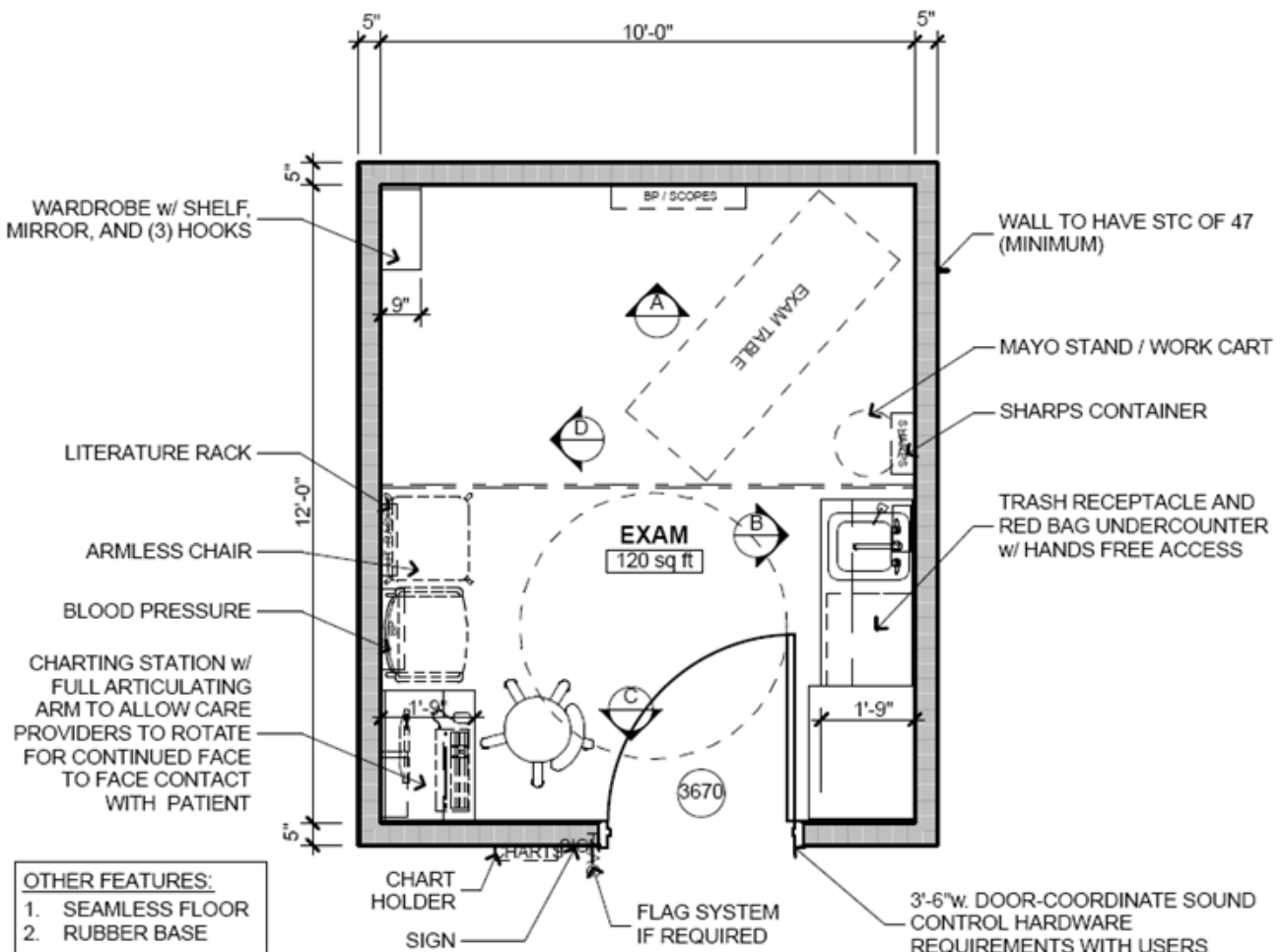
Janitor's closets: Two (2): 80 sf each

Conference room: One (1) to seat ten (10) with overhead projector: approx. 150 sf

Labs: Two (2)

Exam rooms: ten (10) 120 sf each

Example of a typical patient exam room: for reference only.



All corridors must be minimum 5'-0" wide.

Research: Vision and Hearing Patient Issues:

- You are to research basic issues of hearing and vision and the ways these conditions are treated. Prepare a one - two page PDF document that presents your research.
- **due: Tuesday, March 29, 1:30 pm.**

Construction Documents and Design Exploration

Construction Documents Sheets: these are to be printed: minimum size: 18" x 24"

Each sheet is to contain drawings that show the overall element, at a scale of 1/4"=1'-0", or 1/2"=1'-0", as well as detail drawings, drawn at a scale of 1 1/2"=1'-0" or 3"=1'-0", numeric dimensions, written annotations, a sheet/project title.

Every drawing is to have a drawing title beneath, and to the left side, of the drawing.

Required Construction Document Sheets

BEFORE YOU DO ANY WORK TO FINALIZE YOUR FLOOR PLAN BE SURE THERE ARE **NO CODE ISSUES: CORRIDOR WIDTH, DEAD END CORRIDORS, AND ADA ACCESS.**

1. Architectural Floor Plan of Ground Floor

Printed at 1/4"=1'-0" scale

Draw all built in cabinets, shelving units, counters or other similar non-movable items.
Plumbing Fixtures (Toilets, sinks, bathtubs, showers, drinking fountains, and other similar items)

Dimensioning for all new partition, doors, and windows

North Arrow

Elevation Labels (Must correspond to required elevations)

Room Names (Include corridors, closets, and any other storage areas)

Room Numbers (If necessary)

ADA (American Disability Act) Wheel Chair Turning Radius

Label floor plan with scale.

2. Reflected Ceiling Plan (showing ceiling mounted lighting fixtures) Lighting Schedule

Reflected Ceiling Plan Key/Legend

(Provide a unique symbol and description for each of the following)

Light fixtures (Unique symbol for each fixture type)
Ceiling Supply and Return HVAC
Exhaust Fans
Exit Signs
Sprinkler Systems
Emergency Lighting
Smoke Detectors
Security System Components

Draw all existing and new partitions (those that are full height)
Draw all architectural ceiling elements, including but not limited to all changes in ceiling height, soffit(s), ceiling grid systems, and exposed mechanical systems such as HVAC.

Dimension all architectural ceiling components

Dimension the location of all ceiling mounted light fixtures

North Arrow

Detail Section Line(s)/Detail Notes (Used as necessary to refer to construction details that appear in the ceiling)

Annotation as needed

Room Names (Include corridors, closets, and any other storage areas)

Room Numbers (If necessary)

Include Scale in all drawing titles

Lighting Schedule (either on the Reflected Ceiling Plan Sheet, or on a separate sheet)

(You are to select the exact fixture and lamp for each all fixed lighting in your project.)

Drawn in a grid layout provide the following:

Symbol representing each lighting fixture

General Fixture Description

Fixture Manufacture

Lamp Type

Watts

Mounting Type

Mounting Height

Notes

For information about Reflected Ceiling Plan, Lighting Plan, and Lighting Schedule:

Read Chapters 14 and 8 from Construction Drawings and Details for Interiors

Read Chapter 12 from Building Codes Illustrated

3. Finish Plan and Finish Schedule

Drawn at $\frac{1}{4}''=1'-0''$ scale or larger to illustrate all/any pattern of tile, carpet or other flooring patterns and or seams

Indicate/render each floor material with a unique pattern. (Use different **colors** to indicate any change in material including color.)

Draw all existing and new partitions (full height and half walls) drawn and hatched as indicated in the Partition Legend

Draw all built in cabinets, shelving units, counters or other similar non-movable items.

Dimensioning (use a note to describe the size of materials when applicable) for all new partition floor materials such as carpeting, tile, and other materials.

North Arrow

Room Names (Include corridors, closets, and any other storage areas)

Room Numbers (If necessary)

Door Labels (To correspond to Door Schedule)

Label Finish Plan drawing with Scale

Finish Plan Key

For each color or pattern used in the finish plan describe the material in exact detail with a corresponding graphic.

Finish Schedule

Provide the following in a grid schedule format:

Room Number

Room Name

Floor Finish (Be specific as possible including finishes on wood floors.)

Base

Walls Substrate and Finish (Separate into North, East, South and West)

Ceiling Material and Finish

Ceiling Height

4. Interior Elevations of:

Two (2): Waiting Room

Four (4): Typical Exam Room

The Exam Room is to be designed with the concept of "The Exam Room Of The Future"

You are to propose & design, an exam room that provides a new, better, more exciting but still functional, human medical experience. Blow the doors off of the way we see exam rooms.

These interior elevations are to be color, 'schematic' images (not working drawings) showing material, pattern, human figures.

Project 3 Due: Sunday, April 24: 5:00 pm

