

Architecture Studio: 2nd Year

Fall 2010, CMU, Arch #48-200, M/W/F 1:30-4:20
Class Website: www.andrew.cmu.edu/course/48-200

Coordinator: Kai Gutschow
Email: gutschow@andrew.cmu.edu
Off. Hr: M/W 12:30-1:30pm & by appt. in MM302

(10/15/10)

Project 3: FILM ARCHIVE - Program

PART IX - PROGRAM:

Your charge is to design a Film Archive that functions as an independent unit of the Carnegie Museums, yet can take advantage of additional support, social, mechanical, and administrative services in the main building. Your Film Archive must contain the following programmatic and functional elements:

- 1) 20,000cf of conditioned film storage
 - film is HEAVY, thick floor plates and strong structural support req'd
 - a large part of the archive must avoid all sunlight, and be accessible only through a "clean room" (see below) and an emergency exit.
 - Mechanical space, for conditioning the film storage space (conditioning for the rest of the building will take place through the Carnegie's main heating/cooling systems)
- 2) 2,000sf of Office & Lab space, divided as follows
 - 200sf curator's office
 - 300sf two staff offices/desks & reception
 - 1500 sf of contiguous tech space, including:
 - 500sf sound recording booth, includes 150sf sound technology space
 - 500sf "clean room" to clean film, must be contiguous to film storage and work space; includes 100sf mechanical space
 - 500sf work & editing space, easy access to clean room, loading dock or exterior delivery entrance
- 3) Lobby or Entry Experience
 - If entry is from street, include ticket counter, security station & coat check
 - Access from exterior must be through airlock (two sets of doors, or revolving doors)
- 4) Experience(s) to view original films in small groups
 - To insure the integrity of the artist's original vision, you must provide at least one "traditional" viewing space, where film can be viewed in an orthogonal room, with proper dimensioned screens, without light or sound interruption of any other kind.
- 5) 750sf library, for books and other research materials about film
- 6) At least 3 spaces for individual film viewing, at least two with access to library
- 7) Optional: one other experience of your choosing that "fits" to form a singular, unified vision of a film archive
- 8) Men's & Women's ADA accessible bathrooms, 4 stall each
- 9) Vertical circulation to meet ADA requirements (elevator or ramps)
- 10) Horizontal circulation to insure 2 primary means of egress from main spaces
- 11) Bus stop at corner
- 12) Parking Ticket Booth

PART X - CONCEPT-SITE-PROGRAM:

For Mon. Oct. 18, you are to create three artifacts that together propose a unified design for: 1) your concept or vision; 2) the site at Craig & Forbes; 3) the scale and variety of spaces proposed in the program above. Please make:

- 1) Model of your Film Archive on the site at 1/8"=1'-0"
- 2) Drawing of your program, the relation of various experiences, including both major and minor elements
- 3) Sketch of the entry experience of your building, cropped onto 10x16" paper

PROGRAM?

