



ARCHITECTS ENGINEERS PLANNERS/P.O. BOX 1123/SIOUX FALLS, SOUTH DAKOTA 57101

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA

Minutes of Meeting
The Spitznagel Partners, Inc. Office Conference Room
September 15 and 16, 1971

Present: Glenn Landis, USGS
James F. Foy, FKGB
Earl Engle, FKGB
Don Woldt, FKGB
John Loveland, TSP
David Rosenstein, TSP
Ronald Mielke, TSP
John Van De Walle, TSP
Duane Paulson, TSP

The following items were discussed:

1. On Monday, September 27, 1971, at 9:00 A.M., there will be a meeting with Kodak, GAF, and Jim McCord.
2. There will be no water softening required. Designate area as "Future" w/ provision for future salt bin.
3. Use two boilers. This will provide best back-up for hot water and humidity needs.
4. Layout of Chemical Mixing ID-24 discussed. Tanks in 2D-3 shall have remote reading liquid level gauge in this room. Mixing tank shall be recessed into a pit with rim of tank about 2' above floor.
5. Drying Room 1C-73. Temperature of this room will be up to 100°. Room should be insulated and gasketed. Should have hose bib and floor drain. High air change required.
6. Auto-Mat. 1C-72. No fluorescent lights. Hose bib and floor drain. Unit requires exhaust duct to outdoors.
7. All floor drains in DHB shall empty into concentrated waste line.
8. Dark Rooms 1C-74 and 1C-75. Sinks required. No fluorescents.
9. Video Process C-81 and Data Conversion 1C-80 heating source of 12-400 watt lamps - 8 of these operating at one time. No fluorescent lights. Dimming. 30 foot candles. No equipment or casework in contract.

10. Map Assembly/Mosaic Prep. 1C-79. Drafting room use, 100 + foot candles. No equipment or casework in contract.
11. Photo Opt. Lab. 1C-77. 2000 watt heat source. Same criteria as Video Process 1C-81 and Data Conversion 1C-80 except safelights required. No equipment or casework in contract.
12. Copy Camera Rm 1C-69. Camera should be exhausted. Minimum incandescent light.
13. Terminal filters at Print 1C-30 to 38 and Proc. 1C-20 to 27. Will advise on terminal filters at Process Room 1C-12.
14. Foot Cl. Lock 1C-19 will have a tacky sheet on floor which comes in tablet form which should be secured to floor with alum. frame.
15. Change Rm. 1C-42 shall have air curtain at exit.
16. Tech. Ref. Lib. 1A-44. Maximum occupancy of 20. Equipment (NIC) would consist of stacks, card catalogs, microfilm carrels with outlets on southwest wall, reading tables, control desk. Extra convenience outlets required. Switch lights by bays.
17. Request Desk 1A-43, 10 people working in this area. Three types of requests, mail, telephone, and in person. Receptionist would dispatch these requests to the other people in this area for filing. These clerks should have immediate access to telephone, computer terminal and microfilm readers, microfilm storage cap. at their work station. Station should have acoustical treatment.
18. Browse Area 1C-3. Incandescent lighting with zoned dimming. Desk lamps at microfilm reading stations. Microfilm store possibly in center of this area. Landscape layout. Extra convenience outlets required.
19. Multi-purpose 1A-9 and A/V 1A-7 shall be equipped with combination movie screen, chalkboard, and tack board. Pull down movie screen located diagonally in south corner of room of Multi-Purpose Rm.
20. Data View Room 1A-6 same criteria as Browse Room 1A-3
21. Conference room 1A-5, 1B-41 combination chalkboards, tack boards, and movie screen. Dimming required. Conference Rm 1B-41 shall have combination unit at each end plus large pull-down screen at one end.
22. Sup/Work 1B-13. Base and wall cabinet.
23. Maint/Stor. 1B-26. No equipment or casework in this contract.

24. Libr. Conf. 1B-32. Bookcases at northwest and southwest ends of room.
25. Print 1C-30 to 39, Proc. 1C-20 to 29, and Mag. Ld. Dark Room 1C-40. 2' - 0" counter below transfer openings and between revolving door and wall. KV adjustable shelf standards and supports below counter and above transfer boxes w/ 3 shelves.
26. Pre-Stor Processing 1C-49. Area divided into 6 bays and each bay switched separately with switch near bay.
27. Micro-film C-54. No equipment or casework in this contract. Dimming required.
28. Catalog room 1C-56, area divided into bays and each bay switched separately with switch near bay.
29. M.T. & S. Vault 1C-57. Working vault with high light level.
30. Mail Room ID-12. 20 wall hung cubicles. Glenn Landis will contact Sioux Falls postmaster for details (sorting, delivery, etc.)
31. Trash room. 1D-9. Hot and cold water with floor drain.
32. Print Room 1C-30 to 38. An opaque curtain with a recessed track in the floor, ceiling and walls shall divide the room in half.
33. All light controlled rooms should not be painted black or gray, should consider an off-white.
34. Mag. Ld. Dark Room 1C-40. Three safe lites required.
35. Ready Access 1C-47 and Image Analysis 1C-11 lighted the same as Pre-Stor. Processing 1C-10 (Fluorescent).
36. Hall 1C-48, 1C-29, 1C-39. Low incandescent light level.
37. Packing 1C-15 lighted same as Sort-Check Collate 1C-13.
38. 50° Cooler 1C-16, 0° Freezer 1C-17, and Warm-Up 1C-18. No equipment or casework in contract.
39. Chem. Lab 1C-14. Typical laboratory set up with base cabinets, sink, exhaust, eyewash, no gas.
40. USGS will advise about nitrogen gas distribution system in C section.
41. Dark Bay Rooms 1C-68 and 1C-70. No fluorescents. Type of safelights will be discussed at September 27, 1971, meeting.

42. Archives 1C-58. Storage lighting that would switch into four bays.
43. Entr. Control and Sec. 1C-53. No equipment or casework in contract.
44. Delete "Darkened" from "Darkened Data View Room" title.
45. EDG will secure preliminary price quote from revolving door company.
46. DHB should have lightning protection.
47. EDG will check on water tower light and FAA clearance.
48. Curtain in MGS Building will isolate one stall for vehicle washing.
49. Material will lay on conveyor belt @ Process Rm. 1C-12.
50. No drawer files will be used on this project, only lateral storage units (NIC).
51. Provision for future lawn sprinkling system. Provide hose bibs across road for lawn sprinkling.
52. USGS will provide information on coats locks in Change Room 1C-42.
53. Conference Rooms to have Fluorescents & incandescents with dimmer control.

Respectfully Submitted,


John C. Van De Walle, AIA