

Old 3.25 photo



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

October 13, 1971/Re: EROS Data Center
Sioux Falls, South Dakota

Mr. Glenn Landis
EROS Data Center
Tenth & Dakota
Sioux Falls, South Dakota

Dear Glenn:

Enclosed are three copies of the minutes of the September 27 meeting. Please let us know if you or Jim have any comments or corrections.

Sincerely,

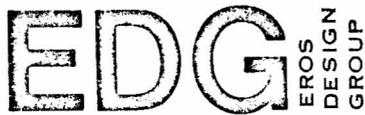
A handwritten signature in cursive script that reads 'Duane'.

Duane Paulson, P.E.
Project Manager

DP*cn

Enclosures 3

cc: Mr. William Schmidt



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. Conference Room
September 27, 1971

Present:

Glenn Landis	USGS
Jim McCord	USGS
Bud Bronold	Eastman Kodak
Bill Samenko	Eastman Kodak
Ken Woytek	Eastman Kodak
W. Sherman	GAF
Bill Moser	FKGB
Earl Angle	FKGB
Dan Woldt	FKGB
Jean Kroeger	FKGB
Duane Paulson	TSP
Jack Loveland	TSP
Ron Mielke	TSP
John Van De Walle	TSP

1. All Transfer Cabinets shall be 42" wide x 48" high x 24" deep. Largest paper used would be 40" rolls. Primary size is 9 1/2" square. Largest film size at ready access 1C-47 will be 24" x 36". EDG will study door types.
2. Increase size of Mag. Ld. 1C-40 and alter location of transfer cabinets to accommodate increased size of transfer cabinets.
3. Add transfer cabinet between warm up 1C-18 and Hall 1C-39.
4. Self-contained Air Shower should be provided at Chang. Rm. 1C-42 and Foot-C1. Lock 1C-19. Delete tacky floor surface at Foot-C1. Lock 1C-19.

5. Provide removable 4' x 8' MDO plywood panels between Process Rm. 1C-12 and Proc. 1C-20 to 28. This panel will be cut by USGS to conform to Processing Machine configuration.
6. Extend partition (concrete) between Proc. Rm. 1C-12 & Proc. 1C-20 to 28 into floor cavity under computer floor. Provide both sides (light & dark) of the cavity w/ floor drains, epoxy coating, cove base. Algae will form on light-side of cavity and provision must be made for its disposal.
7. Process Rm. 1C-12. 2/3's of the heat load off of processing machines can be exhausted. These ducts should be epoxy coated. Process machines should be on emergency circuit. 10 effluent collection systems at each processing machine. 1000 cc/hr. for all machines. Provide at each machine, 2-2 1/2" sleeves on each side (light & dark) of partition thru conc. cavity floor. Provide 10' x 90' conc. slab in crawl space below this area. This area in crawl space should be partitioned and temp. controlled (70°). Chemical effluent is pumped from holding tanks in crawl space back to Chem. 1D-24. Fiberglass collection tanks w/ overflow alarm, tanks, pumps, and lines are NIC. Provide hot and cold water, and hose bibs, @ each Processing Machine. Terminal filters not required in 1C-12. Cove base on all walls except @ MDO overlaid panels that receive Processing Machines. Process Machines are 208v/3 /4 wire.
8. Exhaust Print 1C-30 w/ flexible duct into ceiling space. Printers are 115v/30A.

9. Chem. Mix 1D-24. 60 Gal. Hydromixer tanks to have casters. (NIC) Mixing tanks will not be recessed in floor. Four mixing stations w/exhaust hood or slot @ center of room. Floor drain, hot & cold water required at station. Eye wash required. Floor shall be quarry tile w/ coved base w/acid resistant grout. Provides sleeves in floor @ 4' - 0" oc at northwest wall for lines coming from collection area below Process Rm. 1C-12 to holding tanks on racks along this wall. Drain below. Mixing tanks & holding tanks NIC. The 20 lines from Tank Farm 2D-3 shall be mounted on southeast wall. Each line shall have gauge, ball valve, and quick connect.

10. Tank Room 2D-3. 20 (150 gal.) tanks provided. Provision for 17 future tanks. 20 - 2" lines from Tank Farm to Processing Machines. Provide pressure reducing valve & shut off valve at each machine for each line. Provide low level gauge at tanks w/ reading (i.e. "Sonic Alert") at Chem. Mix 1D-24. Tanks shall have hopper bottom. 72° - 80° temperature should be maintained.

11. Image analysis 1C-11. Terminal filter required.

12. Copy Camera Rms. 1C-67,69, Dark Bay Rms 1C-68, 70 and Print. 1C-30 to 38. Safelights not in contract. Provide 4 switched receptacles 6'-0" off floor. White light switch shall be 6'-0" off floor w/ guard or key.

13. Chem. Lab. 1C-14. Provide arm & eye wash. Provide exh. hood for Hydro-mix Machine.

14. Receiving 1D-21. Size Door #223 so it can accommodate 6' x 6' pallets. Dry chemical for chem. mix 1D-24 will be stored here.

15. Process Rm. 1C-12 & Sort-Check Collate 1C-13. Two pass thru's at conveyor belt for 40" rolls. Conveyor belt w/ lugs and compatible tray suggested as conveyor system.

16. Hydro Mixer for starting solutions will be located at Chem. Lab. 1C-14. Solutions feed to machine from light side.

17. Process Rm. 1C-12. Negative pressure required.

18. Drying Room 1C-73. Provide exhaust duct for room and separate exhaust for Drum Dryer (2100 B/Hr.)

19. EDG to study type of acoustical material above processing and printing areas.

crb