



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

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA

Conference Minutes
Ramada Inn, Sioux Falls, South Dakota

Thursday, May 27th
Afternoon session

- Present:
- Glenn Landis, USGS
 - William D. Montgomery, U.S. Government
 - David L. Johnson, U.S. Government
 - James R. McCord, USGS
 - James Crawforth, USGS
 - Edward Griffin, FKGB
 - Don Woldt, FKGB
 - Lee Bean, FKGB
 - Wallace Steele, TSP
 - Richard Robinson, TSP
 - Duane P. Paulson, TSP

The master plan was briefly reviewed for the benefit of several present. The recently submitted concept plan drawings of the DHB were reviewed by Robinson. During the discussion the following were noted:

- Landis felt lobby may be too large? Suggested browse area could be pulled down into lobby area.
- Browse area could be enlarged.
- Double toilets were questioned, decided to eliminate executive toilet rooms.
- Telephone equipment would be no problem located near computer. Power lines should not be over or under magnetic tape storage area.
- Telephone traffic could get to be such that a separate telephone operator be located in toilet-reception area.
- Administration - center offices put on west end and batch control moved next to chiefs area.
- Provide ramped access to building for handicapped.
- "Executive" term to be eliminated from drawings.
- Enlarge dark-data viewing room.
- Technical reference library moved closer to browse area - move classrooms to rear area.
- Group analyst offices could be interior offices at rear of area - more cloistered.

- Chemical mix room should be moved to inner corridor wall to shorten lines to tank farm.
- Access to tank farm be vertical to facilitate vertical lifting of tanks - access from corridor.
- Glenn Landis will send GSA Standards for offices to EDG.
- Food service delivery not to cross employee entrance, reconsider planning.
- Employee entrance to be given better image - not on the truck dock.
- No assigned parking spaces are contemplated in the lots.
- Removable computer floor area is not compatible in photo-optic area.
- Provide a removable computer floor under analog-digital area - also under photo processing area. Sub-floor to be sealed and drained. Special isolated base needed at bulk-processing equipment.
- Self-contained HVAC unit can be used in computer room.
- Suggestion that cooled supply air in computer area be brought in under the floor - this should not be done in photo processing area.
- At computer area, interchange supply room with offices and technical library. Provide two accesses to tape storage one from computer room and one from office.
- Key punch programmer should be removed from computer office space.
- GSA does not approve of windows from corridor to computer room. Landis will send EDG this directive.
- Reduce computer area.
- Magnetic tape storage should be about doubled.
- Reduce maintenance and supply area.
- Provide 10 - 150 S.F. program offices along corridor, independent access from office/technical manual library. Provide worktable/desk/files/book shelves.
- Provide tape vault in archives, 50 - 100 S.F. floor area.
- Outer office at computer area to include:
 - Tape Librarian.
 - Control Personnel (monitor), Desk.
 - Tape and Manual Card File.
- Key punch room/separated from office
 - Sound Isolation.
 - 150 S.F. Office.

Following the general discussion, a diagrammatic workshop evolved concerning the computer function area.

Friday, May 28th
Morning Session

Present: Glenn H. Landis, USGS
William D. Montgomery, U.S. Government
David L. Johnson, U.S. Government
James R. McCord, USGS
Edward Griffin, FKGB
Don Woldt, FKGB
Lee Bean, FKGB
Wallace Steel, TSP
Richard Robinson, TSP
David Rosenstein, TSP
Duane P. Paulson, TSP

The previous day's discussion was continued with the following noted:

- Tank farm is to be located above a non-clean service area with oversized horizontal piping equipment in photo-processing to keep friction losses to a minimum.
- Tank and pipe connections to be in a safety trough to a drain, for protection against accidental rupture.
- Omit outside telephones at each of the printer rooms and processing area. Employees can use pay phone centrally located in northern (clean) corridor. Need intercommunication system.
- Landis requested that EDG propose a fire alarm monitoring system for the complete DHB.
- At computer equipment area, consider a special alarm identification to permit possible manual extinguishing of fire by chemicals before water sprinklers activated.
- Assume that all computer equipment is Type II and that protection of equipment room will be by dry-pipe water sprinkler system plus CO₂ chemical equipment to meet NFPA Bulletin #75. This same combination shall be used at the locations where the final Aerospace report stipulates the CO₂ protection.
- Landis requested EDG recommendation on smoke detection system, especially at archive area. EDG to contact Landis with estimate of cost.
- Offices for photo-optic lab to be located across hall in archive area.
- Microfilm area relating to archival function to be located across hall in archives area.

A diagrammatic workshop evolved concerning the photo printing-processing area and the photo-optic lab area.

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The conference adjourned prior to the same workshop study of the analog-digital lab area. Landis will submit to EDG a concept of this area and for data receipt and storage to be developed into the diagrammatic plans. EDG will revise the present DHB drawings to include the studies and changes discussed or originating in this conference.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Duane P. Paulson".

Duane P. Paulson, P.E.

DPP*cj