

CARIBCAD PILOT 1

MONITOR REPORT

Prepared by:

(PUCMM)

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The following team of people carried out the Pilot's 1 execution:

<i>Role</i>	<i>Personnel</i>
Workflow manager	Ricardo Lopez
Cad operators	José Báez (of PUCMM), Brunilda García and Keila Lugo (of Tecam)
Managers	Annette Tejada and Juan Carlos Marrero
Observer	Daniel Pimienta (Funredes)

The Pilot 1 was developed following the instructions of the Workflow, under the supervision and attendance of Godfried Augenbroe. The dynamics of the works was divided in 3 tasks:

The **task 1** consisted on to study and to determine the reach of the understanding of the successive tasks to execute for the appropriate development of the works. This entire taking reference the instruction manual elaborated by TUD for the Pilot 1.

The PUCMM held a workshop of training with TECAM for the discussion, analysis and practice with the Technical Standards Manual. This activity lasted 8 hours (without estimating the study time in an individual way).

Registration of individual times of study of the material (Technical Standards Manual and work logistics) for the work personnel's preparation:

Personnel	Time
Annette Tejada	3 days (it includes time of organization of the workshop, logistics and shipping of documents and communication exchange)
José Báez	1.5 days

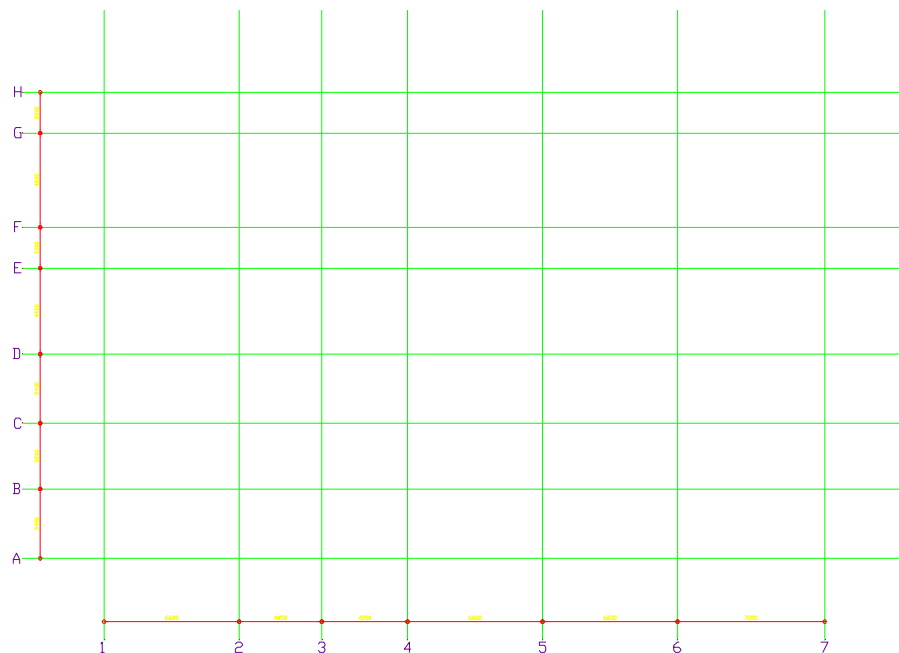
Brunilda Garcia	1.5 days
Keila Lugo	1 day

All the personnel previously mentioned has the preparation required for the good handling of the program CAD to be used and the Internet. Also the logical knowledge in the operation of the Workflow (introduced in the workshop).

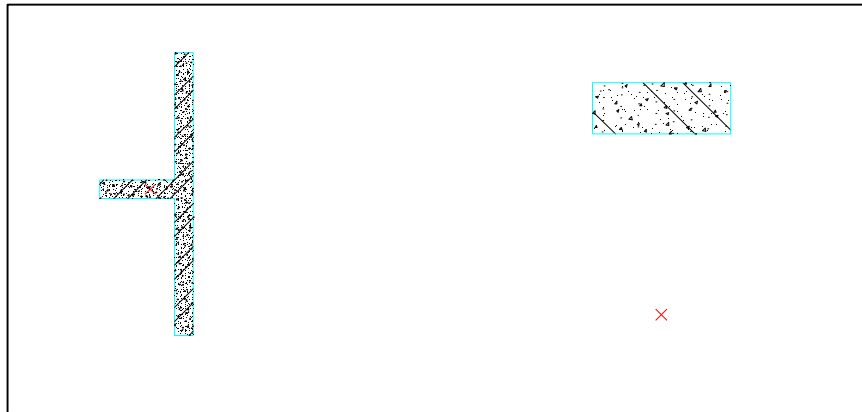
The task 2 referred to a practice exercise to evaluate the flow in the exchange with TUD and the real knowledge of the instructions of the Technical Standards Manual.

The following requirements were assisted: Gridlines and elements of concrete. This activity consumed an average time of 18 working hours, and to these are added more 12 hours by the resulting change of the instructions (Outsourcing Manual).

Gridlines:

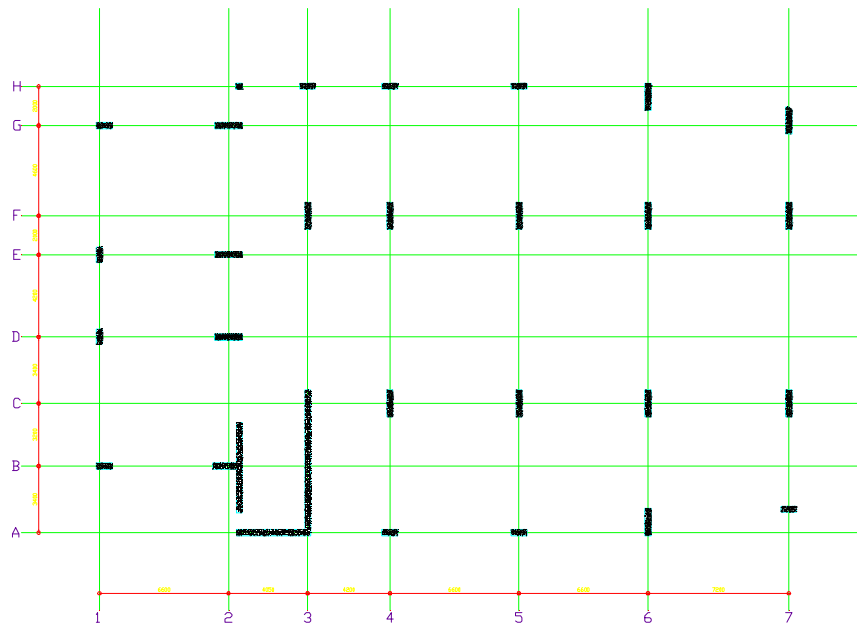


Elements of concrete:



The **task 3** consisted on generating the production of 6 selected drawings (then it was readjusted in 3 drawings by the factor time) and interchange with TUD in the checkups and consultations for improvements. This task consumed 7 days of works.

Drawing for the task 3



Problems during the Pilot's 1 development.

- 1) Difficulties with the communication technology to upload and to download attached files.
- 2) Misunderstandings in the interpretation of the questions and carried out answers (as much for TUD as for TECAM).
- 3) In occasions the information given for the elaboration of the drawings were not enough, and in other occasions the information were not so clear to be understood.
- 4) The factor time was an element that created a lot of pressure for the delivery of the drawings; many times not ended up. However, when the drawings were sent the Cad team was felt that the time consumed by the client competed with the production.
- 5) The changes of manuals and design of strategies on the progression affected the security in the elaboration of the drawing products.

We find that this experience was very rich because the exchange of required products allowed us to develop comparisons in the logistics of work of 2 teams of different people; with different cultures but with a common objective. The final products become possible when cooperation exists and the limitations are understood, not when the behaviors are fiscally pursued and we stand out the weaknesses.