CC: H. J. Hackman
     G. L. Smith
     R. W. Hughes
     H. R. Dorr

July 2, 1946

TO: J. Hammond

FROM: S. M. Alvis

SUBJECT: <u>MODEL 721 LAYOUT OF PRODUCTION FACILITIES</u>

        In a recent conversation with the Works Manager along with representatives from R. & M. and Technical, it was indicated that no engineering drawings in the way of layout of utilities, foundation details, etc. would be required from Technical or R. & M. but that these phases of the job could be taken care of satisfactorily by the Plant Works Engineering Section when supplied with pertinent information covering each of the machines involved. This should, of course, include the manufacturer's outline drawings in addition to data showing electrical characteristics and load, layout of foundation bolts and approximate weight of each unit. Will you kindly check to insure that this type of information has already been turned over to the Plant and those machines which have been received on Project FTI-5.

        On equipment which is yet undelivered we should attempt to secure this information in advance where possible. In the event that some of the pertinent data has previously been delivered to R. & M. which may now be needed by Works Engineering it is suggested that this be followed up to insure that the Plant has all of the assistance necessary.

        It is understood that there will be several machines which are of a nature that justify special consideration in the way of design to cover facilities for the handling of work to and from the machine in addition to the means for the changing of tools and fixtures. An example is the #5 Cincinnati centerless grinder. Apparently there is at present no existing project which is specific in covering provisions for design of this nature.

        In view of the above there will be no objection on our part for the covering of this design work on FTI-5 providing it is taken into account in the check estimate which is to be prepared within the next few days. Please discuss this with H. J. Hackman and J. P. Brand and take necessary steps to cover.
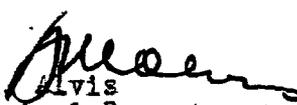
S. M. Alvis
Technical Department

SMA/EC