

March 18, 1975

Subject: Monitoring Report #1

Murphy Elementary School, Lapeer, Michigan

Sorensen Gross - General Contractor

Project: 75:23

Date of Monitoring: March 14, 1975 (working day 52)

Contractor's Target End Date: Early October 1975

Monitored from Issue P1 dated March 14, 1975 (working day 52)

Actions taken:

- Reviewed current job status
- Prepared preliminary network model, Issue P1 dated March 14, 1975 for all building work

General Summary

As of March 14, 1975 (working day 52) footings and masonry foundation walls are complete for the Murphy School and backfilling is being installed up to rough grade. It is expected that exterior masonry bearing walls will begin on or about March 18, 1975 (working day 54) and proceed in a counter-clockwise direction around the building up to the point where structural steel can be erected. Above grade masonry is expected to begin on or about March 28, 1975 (working day 62). As masonry proceeds, excavation, installation and backfilling of interior underground mechanical and electrical work will also be proceeding. Thus, it is expected that the interior slab on grade can be poured out about the time structural steel erection is substantially in work. This will bring close-in on Murphy School to about early or mid-June 1975. If this close-in point can be met, it presently appears feasible to complete the job at the target of early October 1975.

**Monitoring Report #1
Murphy Elementary School
Lapeer, Michigan
Page two**

**RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER**

Critical items to expedite for delivery are shown on sheets P1 and P2 of Issue P1 dated March 14, 1975 below the heavy dividing line. I strongly recommend that immediate attention be given these and that they be isolated and identified item by item so that all long lead time items are brought to the job promptly and in the proper schedule sequence.

One item that shows up as reasonably critical is the owner provided kitchen hood. This equipment should be on the job, installed and connected prior to start of acoustic ceiling suspension in the kitchen area.

For ease of reference, the job has been broken into two major sections - the classroom and media center area (designated by C) and the multi purpose and service area (designated by M). Essentially the two areas are presently planned to move concurrently although it has been shown on the diagram that rough above ceiling work including sheet metal ductwork, mechanical piping and rough electrical feeders and conduit will start in the classroom area first and then move at their half way points to the multi purpose and service areas.

A problem that may pose some difficulties is setting the pressure tanks. These are very large tanks and entries and some interior masonry will have to be left out for access. This matter was discussed in detail.

As a result of our diagramming session, sheets P1, P2 and P3 were prepared and manually calculated. These have been printed and sent to Mr. Goodrich for his distribution. Meanwhile, I shall proceed to draft these three sheets into final form but will hold completion of their issuance pending approval by Mr. Goodrich of the preliminary diagrams.

Ralph J. Stephenson, P. E.

RJS/m

**To: Mr. Larry Goodrich
Mr. Ghassan Saab**