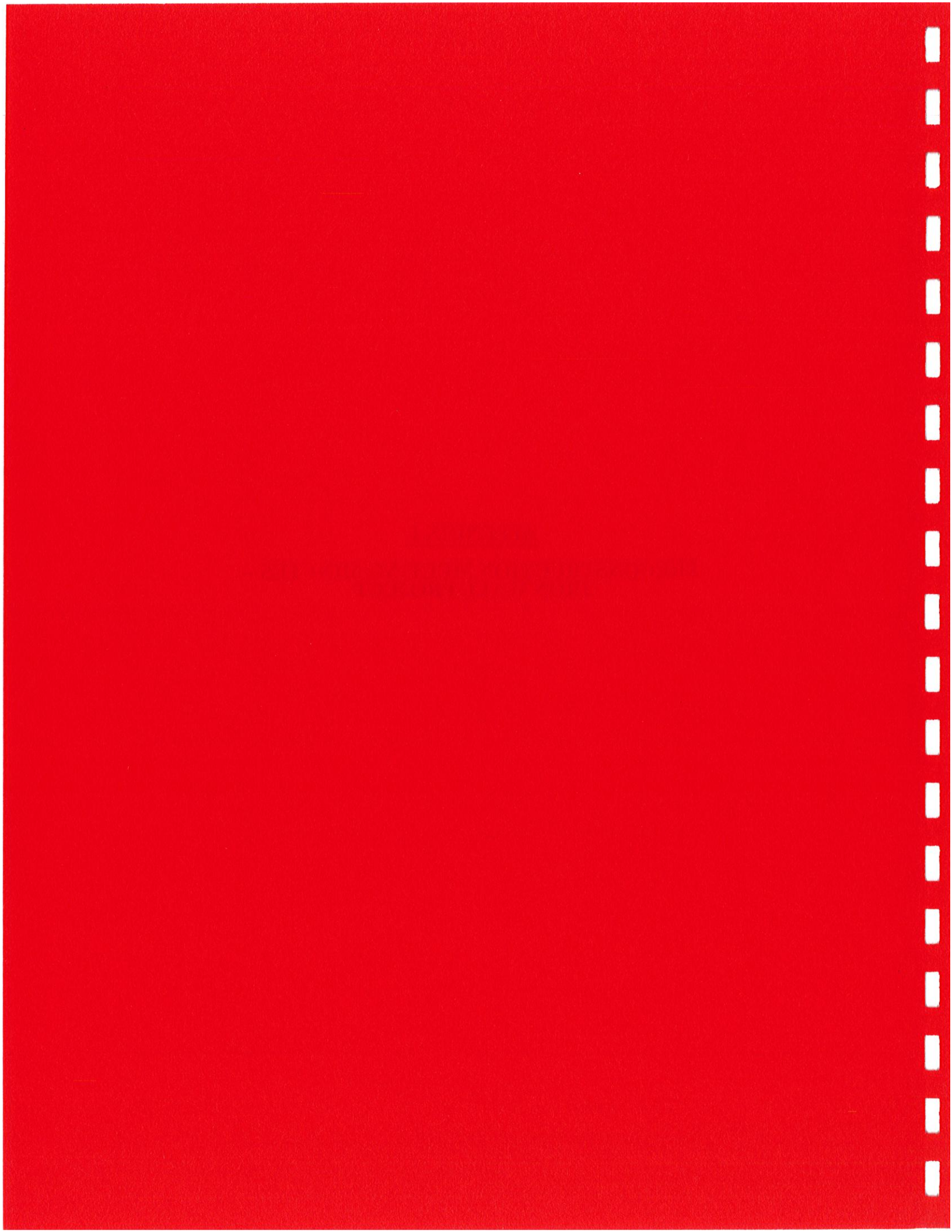


APPENDIX L

PRECONSTRUCTION MEETING MINUTES –
IRON WALL PROJECT



MEETING MINUTES

PRECONSTRUCTION CONFERENCE CONTINUOUS PERMEABLE REACTION WALL INSTALLATION GENERAL SEMICONDUCTOR, INC. - SHERBURNE SITE "WEST FIELD"

Wednesday, November 5, 1997 at 9:30 a.m.
S&W No. 41587ZA.9

Attendees:

Stearns & Wheeler, LLC

Diane Clark, D.E.
Beth Ann Smith

NYSDEC

Karen Maiurano
David J. Chiusano
John A. May

Jack Howard

S&W Services, Inc.

Greg Myka

Horizontal Technologies, Inc.

Mark Justice

Adsit Septic & Excavation

Robert Adsit

Following introductions of all parties, the first item discussed was the construction schedule previously distributed to all parties by Greg Myka. Greg said the trailer would be on site by November 10. Mark Justice said HTI would mobilize the trencher to the site the end of the week of November 10. Trenching would begin the week of November 17. HTI's goal is to have the project completed before Thanksgiving. It was decided that one progress meeting would be held, primarily for the purpose of updating the NYSDEC on progress, and secondarily for the NYSDEC to send people to the site to view the trenching. A date of November 20 at 10:00 a.m. was selected for the progress meeting. Stearns & Wheeler would be prepared to give a presentation for the visitors at that time. The installation of the monitor wells and piezometers will begin in the early part of December.

Preliminary items that were discussed following the schedule include the following:

- **Extra Sets of Documents.** The document repository would be checked to verify construction documents are in place. Dave Chiusano (NYSDEC) and Mark Justice (HTI) also requested they each be sent an extra set of the contract documents.
- **Shop Submittal Schedule.** Greg Myka said he would get the additional submittals out the week of November 10. Included are the HASP, Contractor's Work Plan, QA/QC Plan, Geotextiles, and Erosion Control Plan. The iron submittal had previously been approved.

- **List of Subcontractors.** HTI is doing the trenching, and has contracted with Adsit Septic & Excavation for the site work; Parratt-Wolff will be installing monitoring wells and piezometers; and Pinnacle Construction removed the pilot scale funnel and gate sheetpiling.
- **List of Substitutions.** No substitutions were planned.

Diane Clark said Stearns & Wheler would arrange for control points to be set to allow for placement of southern end of bench and trench. The control points would be in place by mid-week -- November 10.

Mobilization issues discussed included the following:

- **Site Access.** Greg Myka offered to discuss visitor parking with Ray Kenyon. If approved, visitors should park on the Kenyon Press property near the Plating Building as the access road to the West Field will be heavily used by the contractor.
- The trailer and porta-john will be on site by November 10. Dave Chiusano requested the trailer have a space heater.
- **Phone.** S&W Services has a cellular phone that will be available in the trailer. The phone number is (315) 391-4080.
- **Security and Housekeeping.** Temporary fencing will be used around the site in the evening. It was stressed that the site must be left clean.
- **Site Access.** As part of the discussion on site access, Jack Howard mentioned that he was concerned about people driving onto his property fast, missing the turn, and driving into the river. He requested that someone look into what type of barrier could be placed to deter or prevent this happening.

Two issues related to changes in the work that were discussed. First, Greg Myka said that they would not be able to protect MW-19. The representatives from Stearns & Wheler and the NYSDEC said this was all right as the new monitoring wells that would be installed after construction provided sufficient monitoring coverage. If any other changes occur during the course of the project, the NYSDEC should be informed. Similarly, Dave Chiusano said that submittals should go to him with a specific date for review, and he will strive to process them quickly.

QA/QC testing being undertaken primarily refers to compaction testing. Beth Ann Smith explained to Jack Howard that 90% compaction only means the equipment will go over the backfilled material (placed in lifts) a few times. Compaction is important because we are putting more material back in the bench than we took out. Jack's concern was that the soil might be too compacted for farming,

but following Beth Ann's explanation he seemed satisfied. The NYSDEC said they do not need to witness the testing, but will need copies of all test results.

With respect to QA/QC during trenching, Mark Justice said the trencher is equipped with a laser to monitor vertical depth it is digging. He said that monitoring the number of buckets of iron installed is probably the best way to monitor whether enough iron has been placed in the wall.

Photographs were discussed following QA/QC testing. It was noted that General Semiconductor had requested photos not be used with their name for any marketing purposes. Dave Chiusano requested that digital photos (on disc or via e-mail) be provided to him so that he can post construction photos on the NYSDEC intranet. He planned on using the state's digital camera on site.

Miscellaneous issues discussed at the end of the meeting included the following:

- Stearns & Wheler will do air monitoring at the perimeter during construction, but the contractor must do their own breathing zone monitoring as this affects PPE choices for workers.
- It was discussed that a low area of the site probably needs to be filled in prior to the excavation of the bench.
- Dave Chiusano said he would review the analytical results of the landfarm cell soil sampling. If cleanup goals are close to being reached, or have been reached in portions of the cell based on the August sample results, a possible option may be to collect confirmatory samples from those portions of the cell. If concentrations meet cleanup goals, then those portions may be decommissioned so that the soil can be used for filling areas.
- Jack Howard mentioned that he did not like the thoughts of having all the monitoring wells on his property for 20 years if, after five years, only annual sampling was being undertaken. He felt that if he is only getting money for one or two visits per year, it won't be cost effective for him to plow around the wells. He was told the wells along the wall were required in order to monitor long-term performance. However, there may be an opportunity in the future to remove MW-20 and MW-21.
- Dave Chiusano asked what plans were for monitoring following construction. Diane Clark said she preferred to get the initial samples right after the new wells were developed so that quarterly monitoring could be done in December, rather than January or February.

DKC/smp

