

Job Stamp 04-0120F4 SFOBB SAS

Construction Calendar no.	588		
Project working days no.	798		
Date	07/23/2008		
Inspectors Hours	Start	6:15	Stop 16:45
Shift Hours	Start	6:30	Stop 15:00

Assistant Structure Rep.'s Daily Report

Location & Description of Operation	SAS-Temporary towers, Tower A & B Erection
Weather	HI: 65 F Low: 53 F Partly cloudy

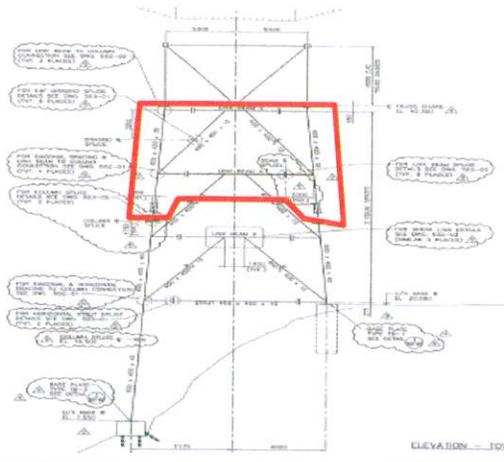
Equipment and/or labor			Hours – ITEM no.							Remarks
Equip no.	# personnel	Description (of equipment or labor)	Regular	OT	DT	Rental			IDLE	
	C	RT 160 TEREK							8	ABF
	C	Liebherr LR 1300	8							ABF
006-18-4293	C	Ingresoll Compressor	8							ABF
481-93-6013	R	Gnie Boom lift	4						4	ABF
544D-10	R	Gradall Forklift	1						7	ABF
	1	Dale Thomas	8							Operator
	1	Doug Greene	8							Oilee
	1	Ed Meyer	8							Foreman
	1	Matt Chamberlain	8							Iron worker
	1	James Sturgeon	8							Iron worker
		Alex Bartlett							8	Iron worker
	1	Serina Lafleur	8							Iron worker
	1	David Lucero	8							Iron worker
	1	Jerry Kubala, Jr.	8							Iron worker

Description of Operation:

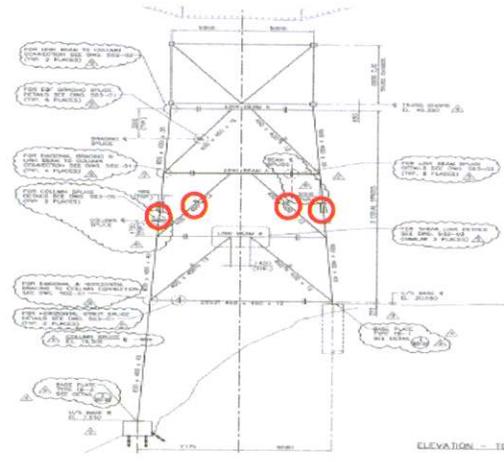
- Daily activity of contractors
 - ABF erected the second section which contains two link beams (see Figs 1, 2, 3 and 4)
 - ABF installed and pretensioned bolts using impact wrench. Turn-of-Nut method is used (see Figs 5 and 6).
 - ABF surveyors checked the positions of the erected tower (see Fig 7).
 - See Art Pannu's diary for additional contractors' activities and comments.

- Note
 - Ed asked whether a bolt, which shear plane is located at the transition area (see Fig 8) between thread and non-thread area, can be used. I responded to him that the shear plane should be located at non-thread area not at the transition area. He told me that he would talk to upper-level, e.g. designer, and get back to me. Let Art know about it.
 - Communicated with Art regarding the counter-weight of the crane.
 - Noticed gouges at B2 west line column (see Fig 9). Inform Art regarding it.
 - Dan, who is a superintendent, is on-site from 06:30 to 07:50 and 12:40 to 13:40.
 - 2 hours O.T.

REC'D *08 SEP-27 #006753



Figs 1,2,3 and 4. The locations of the piece erected and sequences of operations.



Figs 5 and 6. ABF crews installed bolts using turn-of-nut method. Note that red circle indicates locations where bolts are pretensioned.



Fig 7. ABF crews surveyed the position of the erected tower.

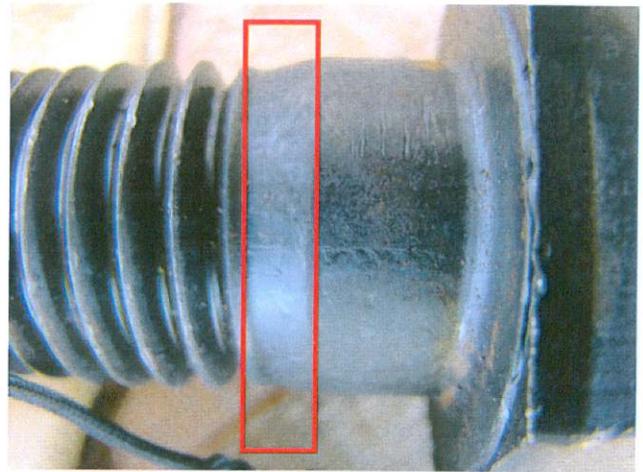
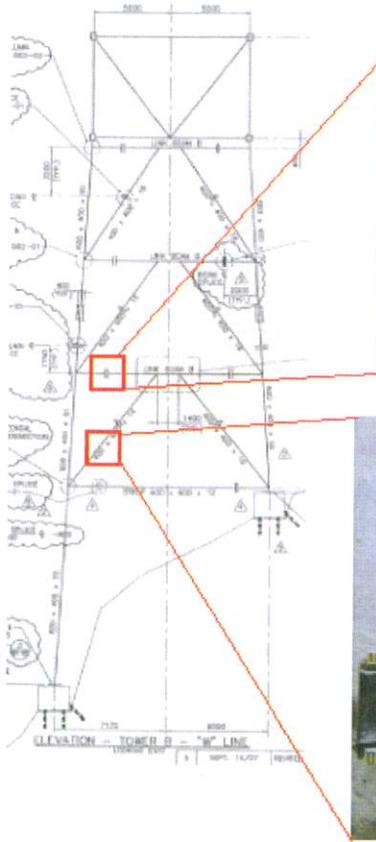


Fig 8. Bolt has the thread area, non-thread area and the transition, which is indicated with red box.

- It is located at the west corner of the down facing gusset plate.
- The thickness of the plate is 28 mm.



- The member size is 400x400x16
- It is located at the surface facing west.
- Gouges are 30 to 45 mm long and 2 to 5 mm deep.

Fig 9 Gouges

Inspector:
SeongHyeok Song

Trans Engineer (Civil) / Asst. Struct. Rep