

## FIELD REPORT #2

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Project No.: **07-003**      Date: **March 2, 2007**  
Project Name:            **Mercy Hospital**  
Project Location:        **Portland, Maine**  
Weather Conditions:    **Snowing/windy, 20's**  
Contact Person(s):      **Steven Grant-SRG Eng.**  
                                  **Michael Poulin-Gilbane Co.**  
                                  **Matt Skillin-Gilbane Co.**

### Discussion/Observations:

Copies To: Shawn Welty-KLMK  
               Roger Domingo-SWC  
               James Lanza-Gilbane  
               Paul Stevens-SMRT

#### SRG Observations:

1. Big snow storm taking place. SRG stopped by mainly to check metal deck at Level 1 depressed floor areas (between grids A to G off grid 5) due to concrete placement scheduled for Tuesday, March 6<sup>th</sup>. Deck observed is welded 12"o.c.. These areas do not have shear studs, per SMRT plans.
2. Our discussion with Matt at the jobsite today leads us to understand that metal floor deck for these low-floor areas are to be 18 Ga. X 40ksi. He also indicated that Levels 1 through 5 floor deck to be all 20Ga.x40ksi..
3. SRG to go back to jobsite either March 5<sup>th</sup> or 6<sup>th</sup> to observe Level 1 main section of deck and framing for conformance with the project documents. We intended on doing this today, however, had to stop short due to bad weather.
4. Not all column splices are complete. Some web channel bolted connections are loose and not welded as indicated on project documents per detail H14/SF601. Some locations have no flange and/or web welds.
5. Material certifications for AISC, bolts/nuts, Duncan Galv., and steel are now on the MH project website for review and record. (Thanks Matt)
6. Shear stud spacing was observed to be less than the 4.5" minimum at the W27x84 on grid line F between 2 and 3. I spoke with Janusz (SMRT) on my way back to the office about this and he said the Contractor must add 2 rows of new studs (one each side of existing) only where spacing is less than the required 4.5" minimum. In other words, locations where stud spacing is too close must be assumed to have no structural capacity as designed by the EOR. This condition was noticeable due to its close proximity to the access ladder taken to get back downstairs.

#### Actions to be taken/Responsible:

1. Make sure all column connections are performed prior to placing Level 2 concrete (per Janusz)/**GILBANE.**
2. Check all composite beams to be sure shear studs are not closer than the 4.5" (4 1/2") as indicated on SMRT project plans. Correct when found to be deficient/**GILBANE.**

### Diagrams:

**C: File**

**Signed:** \_\_\_\_\_