

FIELD REPORT #8

**SRG Engineering, Inc.
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**Project No.:07-003 Date: April 10, 2007
Project Name: Mercy Hospital
Project Location: Portland, Maine
Weather Conditions: Sunny, lower 40's
Contact Person(s): Steven Grant-SRG Eng.
 Mike Drew-QAL
 James Lanza-Gilbane Co.**

**Discussion/Observations: Level 2
(Level 3 limited as noted below)**

**Copies To: Sean Welty-KLMK
Roger Domingo-SWC
James Lanza-Gilbane
Paul Stevens-SMRT
Janusz Wszola (EOR)-SMRT
Cathy Streifel-SMRT**

SRG Observations: (Level 2: Grids 1 to 5)

1. Mike Drew walked this level with me to review existing conditions prior to my departure for vacation on April 11th.
2. Floor deck observed was welded per project documents (Exception: See item 4.c. below).
3. Sidelap screws observed per project documents. **ACTION REQUIRED: NONE**
4. Shear stud quantity and layout observed per project documents, with the following exceptions:
 - a. W24x55 on Grid 1 between G and H line: This beam still has too few studs. **ACTION REQUIRED: Contractor must correct.**
 - b. W36x182 on Grid 3 between lines B and C: This beam still has too few studs. **ACTION REQUIRED: Contractor must correct.**
 - c. Deck was not welded along W16x26 beam (spanning parallel to deck) located at South side of opening near Grid A (See photo 6). **ACTION REQUIRED: Contractor must correct.**
 - d. W30 beam located at Grid A from Line 4 to 5 is missing 4 studs at the East end of the floor opening. **ACTION REQUIRED: Contractor must correct.**
5. Tarp barrier was in place just East of Grid 3 (See photo 5).
6. Wire mesh was in place with supports. **ACTION REQUIRED: NONE**
7. #4 bars at interior girders are in place per project documents. (See photos 2,3,5) **ACTION REQUIRED: NONE**
8. #4 hooked bars at exterior girders are in place per project documents (See photos 1-3). **ACTION REQUIRED: NONE**

SRG Observations: (Level 3: Grids 1 to 5, as observed from 2nd floor level only due to time constraints)

1. Mike Drew and I observed insufficient deck edge support at many beams spanning parallel to deck. Many locations have up to a two (2) inch gap between deck edge and edge of steel beam. **ACTION REQUIRED: Contractor must correct.**

Comments:

I asked Mike Drew, that while I am away on vacation from April 11th thru 21st, he and /or SWC perform a final observation of any and all existing structural conditions needing correction prior to placement of any concrete. Gilbane is not to place any concrete until either verbal or written approval is given.

Diagrams: (Please see attached SRG Photos 1 through 10)

C: File

Signed: _____