

FIELD REPORT #13

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**Project No.:07-003 Date: May 31, 2007
Project Name: Mercy Hospital
Project Location: Portland, Maine
Weather Conditions: Overcast, occ'l light mist
Contact Person(s): Steven Grant-SRG Eng.
Mike Drew-QAL
James-CCB**

Discussion/Observations:

LEVEL 5: GRID 1 TO 4.7; A to H Line

**Copies To: Sean Welty-KLMK
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Paul Stevens-SMRT
Janusz Wszola (EOR)-SMRT
Cathy Streifel-SMRT**

Comments:

1. **Decking Attachments:** There were no locations observed with incomplete side lap and decking welds. **Action Required: None.**
2. **Diagonal Bracing Connections:** Brace connections still in progress. NOTE: Brace low-end at grid H-2 must be welded prior to placement of concrete for Level 5. **Action Required: Be sure all low-end brace welds are provided, inspected by Quality Assurance Labs, and approved prior to placing concrete.**
3. **Shear Studs:** Observations noted indicate stud size, location(s), quantity, and spacing comply with project documents with the following exceptions:
 - A. W21x62 on Grid A, 4 to 4.7 line: This beam has no (0) shear studs while plans indicate 13 required. **Action Required: Provide 13 studs on beam per contract plans.**
 - B. W30x108 on Grid Line H, 2 to 3 Line: 68 studs required, 65 provided. **Action Required: Add 3 studs.**
 - C. W21x62 on Grid 3, B to C Line: 32 studs required, 28 provided. **Action Required: Add 4 studs.**
4. **Perimeter deformed reinforcement with threaded end in Lenton couplers:** Observations noted indicate location(s), size, and spacing comply with project documents with the following exceptions: (These areas were painted in orange.)
 - A. Missing one rebar at W36 beam on the diagonal from H-4 to F7-4.7. **Action Required: Add missing rebar.**
 - B. Column at A-4: Need 2 additional rebars and couplers at West side of column. **Action Required: Add missing rebar and couplers.**
 - C. Brace Gusset at mid-span of W36x330 at Grid A, 3 to 4 line: Need 2 additional rebars and couplers at each side of brace gusset. **Action Required: Add missing rebars and couplers.**
 - D. Brace Gusset at mid-span of W36x330 at Grid A, 3 to 4 line: Rebar not threaded into coupler at East side of gusset. **Action Required: Add missing rebar. Replace coupler if needed since it is inclined downward.**
 - E. Column at C-2: Need 2 additional rebars and couplers at North side of column. **Action Required: Add missing rebar and couplers.**
 - F. Columns at D-2, E-2, F-2: Need 2 additional rebars and couplers at each side of column. **Action Required: Add missing rebar and couplers.**
 - G. Column at G-2: Need 1 additional rebar and coupler at South side of column. **Action Required: Add missing rebar and coupler.**
5. **Interior deformed reinforcement:** Observations noted indicate location(s), size, and spacing comply with project documents.

Diagrams: (Attached Photos 1 through 23)

C: File

Signed: _____