

# Thompson Building Energy Solutions, LLC

3071 Teddy Drive, Baton Rouge, LA 70809

Phone 225-490-9583 Fax 225-293-4171

## Commissioning Site Visit

**Date:** April 25 2013

**Project:** Independence Park Main Library Baton Rouge, Louisiana

**Date Visited:** April 25, 2013

### OBSERVATIONS

1. HVAC piping and ductwork including duct insulation, Plumbing and Sprinkler piping installation is continuing on 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> floors.
2. Fire pump and valve not protected. Pipe laying directly on floor in fire pump room.
3. Clean construction trash, dust, dirt, and debris from throughout building. Typical for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> floors
4. Checked chilled water and heating hot water supply and return piping was pressure test gauges around April 11<sup>th</sup> and 16<sup>th</sup>. Hydronic piping system pressure test passed.
5. Sprinkler pipe compressing duct insulation in various areas.
6. Refer to pictures attached.

Picture 1



Chilled water pressure test gauge

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Picture 2



Hot water pressure test gauge

Picture 3



Reconnect pipe hangers to structure 1<sup>st</sup> flr Mech Rm

Picture 4



Fire Pump not protected

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Picture 5



Rust on inside of Fire pump. Clean and have inspected by manufacturer before installation and put into operation.

Picture 6



OS&Y valve in fire pump room not protected. Clean and have inspected before installation.

Picture 7



Pipe ends not protected. Clean and have inspected before installation.

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Picture 8



Verify proper clearance (NEC).

Picture 9



Seal duct insulation joints in 1<sup>st</sup> flr mech rm.

Picture 10



Provide cap on fire dept. valve connection in stairwells.

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Picture 11



Position gauge and valves for ease of operation and viewing.

Picture 12



Verify easy access to VAV box. Box not labeled in field. (Possibly Box No. 3-8 on plans)

Picture 13



Extend drain pipe(s) out of wall near Fam. 148 & 149

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Picture 14



Split duct insulation at sprinkler pipe.

Picture 15



Sprinkler pipe compressing duct insulation.

Picture 16



Sprinkler pipe compressing duct insulation.

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Picture 17



Sprinkler pipe compressing duct insulation.

Picture 18



Fan Coil Unit not properly protected.

Picture 19



No temporary cap on end of copper water line.

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Picture 20



Duct tap in wall. VAV Box not labeled in field. (Box No. 1-1 on plans.)

**Observations made by Michael Perkins – Thompson Building Energy Solutions, LLC**