

March 26, 2015

City of Lee's Summit
Codes Administration
P.O. Box 1600
Lee's Summit, Missouri 64063

Attention: Mr. Mike Weisenborn

RE: Special Inspection Services
Sky Zone Shell
Lee's Summit, Missouri



Mr. Weisenborn:

Terracon has been retained by Little Dixie Construction LLC to provide construction observation and testing services in conjunction with Special Inspection Requirements of the 2012 IBC for the following items.

INSPECTION OF WOOD FABRICATION PROCESS per 1704.2

INSPECTION OF STEEL FABRICATION PROCESS per 1704.3

INSPECTION OF CONCRETE per table 1704.4

- Inspection of reinforcing steel, including pre-stressing tendons and placement
- Inspection of bolts installed in concrete prior to and during placement of concrete where allowable loads have been increased.
- Verifying use of required design mix **(Required)**
- Sampling fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests. **(Required)**
- Inspection of concrete and shotcrete placement for proper application techniques **(Required)**
- Inspection for maintenance of specified curing and temperature control techniques. **(Required)**
- Inspection of post-installed anchors
- Inspection of pre-stressed concrete
- Erection of pre-cast
- Verification of in-situ, concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.

INSPECTION OF SOIL CONDITIONS per table 1704.7

- Verification of foundation bearing materials
- Verification of engineered fill placement

INSPECTION OF PIER FOUNDATIONS per 1704.9

INSPECTION OF PILE FOUNDATIONS per 1704.8

INSPECTION OF STEEL per table 1704.3

- Material verification of high-strength bolts, nuts and washers
- Inspection of high strength bolts
- Inspection of field welding
- Inspection of steel frame joint details for compliance with approved construction documents **(Required)**

INSPECTION OF EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) per 1704.12

INSPECTION OF MASONRY per 1704.5

- Empirically designed masonry, glass unit masonry and masonry veneer **(essential facilities)** per 1704.5.1
- Engineered masonry in nonessential facilities per 1704.5.2
- Engineered masonry in essential facilities per 1704.5.3

INSPECTION OF SPRAYED FIRE RESISTIVE MATERIALS per 1704.11

INSPECTION OF SMOKE CONTROL SYSTEM per 1704.114

If there are any questions with regard to this letter, or if we can be of further service in any way, please do not hesitate to contact us.

Sincerely,

Andrew L. Smith, PE
Project Manager

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