

September 23, 2009

Blane Leuschner
P.O. Box 91584
Austin, Texas 78709
Attn: Blane Lauschner

RE: Leuschner Residence – 645 Dario Drive
Hays County, Texas
Job No.: 918000076.800

Dear Mr. Lauschner,

MLAW Consultants & Engineers reviewed the site-specific geotechnical report for the referenced lot, designed a site-specific foundation for a one-family dwelling and prepared construction drawings to convey our intent.

Our design meets or exceeds *International Residential Code, 2006 Edition*, any special conditions noted in the geotechnical report, and accepted local design and construction practices in Central Texas.

Engineers or technicians from our firm performed the following construction observations and prepared reports with their findings:

- **Observation of pre-pour setup:** Concrete foundation elements were checked for proper size, location, reinforcement, and bearing stratum before concrete placement. The visual examination involved walking the foundation, comparing the work to our drawings and making note of any conditions that might affect structural integrity. Any existing uncontrolled fill was penetrated at least six inches into virgin soil by foundation bearing elements.

Any conditions requiring attention have now been corrected, and to the best of our professional knowledge, information and belief, the foundation construction complies with our design.

Thank you for the opportunity to be of service. Please call if we can provide further information.

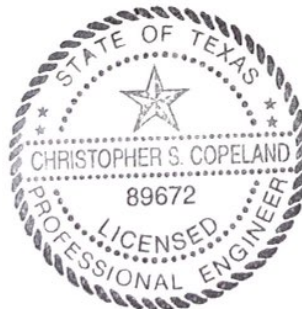
Sincerely,

MLAW

Consultants & Engineers



Christopher S. Copeland, P.E.
Vice President



- YES/NO
 Site conditions match design assumptions
 Grade beams / footings on proper bearing surface

FORMWORK:

Sides of Masonry: 1 2 3 4

Floating Forms

- Garage Porches
 Door Blocks Other

Form heights at four corners
 (Beam above grade (in.)/beam total depth (in.))

RF 20" / 32"
 RR 12" / 32"
 LR 6" / 30"
 LF 1" / 30"

EXCAVATIONS:

	Scheduled	Actual
Width	<u>12"</u>	<u>12-18"</u>
Depth	<u>30"</u>	<u>30"-32"</u>
Perim. pen.	<u>6"</u>	<u>12"-22"</u>

- DB pen. _____
 Optional footing details used
 deep beam
 hard points
 other _____

SLAB REINFORCEMENT:

- Tendon Rebar

Tendons

- YES/N/A/NO
 horizontal placement
 vertical placement
 chairs adequate
 concrete coverage
 anchor height
 tendon count, match plans

Rebars

- YES/N/A/NO
 diagonals-shrinkage
 footings reinforcing
 mat steel
 other reinforcing
 concrete coverage

BEAM REINFORCEMENT:

Tendons

- YES/N/A/NO
 drape in 7ft maximum
 drape depth, per plan
 horizontal placement
 anchor height

Rebars

- YES/N/A/NO
 as per sections
 deep beam reinforcing
 laps=30xbar diameter
 concrete coverage
 corner bars
 other reinforcing

MISCELLANEOUS:

- YES/N/A/NO
 Copper/steel points insulated
 Beams acceptably clean
 Minimum slab thickness
 Boxes (no. 2)
 Trees within 15ft of slab
 Tree policies installed
 Hard points installed

PRE-POUR OBSERVATION

TYPE:
 Initial
 Follow-Up
 Rain Re-inspection
 Other _____

ITEM:
 Slab-On-Ground
 House Only
 Garage Only
 Lower Slab
 Upper Slab
 Deep Beam
 Drop-In-Slab
 Hard Points
 Strip Footings
 CMU/Retaining Wall
 Other _____

Date: 1/2/09

Arrived: _____

Departed: _____

Weather: Clear

Design Date: blm/oa

Subdivision: Applying Carports

Project Address: 615 Dario



Client: LEWISNER

MLAW Job No.: 000 000 016. 900

Concrete Sub: CC

Cable Supplier: PERAR

Plan No.: CUSTOM

Design P: H

Approval **WITHHELD** pending correction of the items noted. Contact MLAW at 835-7000 to re-schedule when remedial measures are completed. **FOLLOW-UP OBSERVATION REQUIRED**

APPROVED for concrete placement. If more than 48 hours passes before concrete is placed or if rain or wind degrades setup, another pre-pour observation is recommended. As a standard practice, clean loose materials from beams prior to concrete placement.:

CRACK FOOTING NOT IN PLACE AT TIME OF PRE-POUR INSPECTION OK TO PROCEED WITH POUR
X Will Boldt
X [Signature]

Signed: [Signature] Inspector
 Reviewed: [Signature] Supervisor

Supervising Engineer
 Christopher S. Copeland
 TX LIC. #89672

NOTE: MLAW assumes no responsibility for dimensions on the foundation formwork; out-of-square conditions, level or plumbness of forms; adequate staking, shoring or strength of the forms; layout on the property including setbacks, position or bearing. It is the Contractor's responsibility to see that the above items are correct and that the top of the form elevation has been verified by the Surveyor. The Contractor is also responsible for checking field work orders issued by the Builder for any architectural features not shown on the foundation plans. Any such features which may affect the structure should be brought to the attention of MLAW. Proper vibration is mandatory during concrete placement.

