



Department of Development Services

Building Division

4701 W. Russell Rd • Las Vegas NV 89118
(702) 455-3000 • Fax (702) 221-0630

Ronald L. Lynn, Director /Building Official • Gregory J. Franklin, Assistant Director

QUALITY ASSURANCE AGENCY MEETING AGENDA

May 16, 2012

2:00 P.M. – 4:00 P.M.

- **Contact Information – Brian Lenihan**
 - If you have any requests, comments, or need information please email Brian Lenihan at bpl@ClarkCountyNV.gov you can also contact Jim Arnold at arnoldj@ClarkCountyNV.gov.
- **A2LA – Elizabeth Carbonella**
 - A2LA will present their accreditation program to the agencies.
- **Seismic Details – Mark Hayes**
 - Info that is required to be identified on the plans in order for the inspector to perform the required inspection/testing.
- **Grading Plan Review – Brian Lenihan**
 - **Comment** - Please request a revision to the plan checking process with regard to who is responsible for making sure new civil drawings have not relocated the pads and thus, voided aspects of the previously submitted Final Grading Report.
 - **Response** - It should be the responsibility of the geotechnical engineer writing the update letter to do a more thorough review. They need to visit the site and determine what has been graded, do the research to determine what has been inspected and certified, and review the old and new grading plans to verify if any changes to the scope of work have been made. All of this should be detailed in the update letter. The update letter should also specify what additional grading and testing is required.

Once the permit has been issued and the plans examiner puts an item G on the QAA contract it is the responsibility of the owner, contractor, geotechnical engineer of record, and QAA to review the plans and ensure the proper inspections are performed. If the special inspector shows up on the site and the site has already been graded and they did not perform the required special inspections and the update letter provides little or no information about the previous grading, then they should write an NCR. It would then be the geotechnical engineer of record's responsibility to resolve the NCR.
- **Pad Certs and Final Grading Deficiencies – Brian Lenihan**
 - The report review process will be changing. The forms will now be posted to the permit and viewable online. The deficiencies will be in the same location as the Final Building deficiencies and plan check letters. In addition the forms have been revised.
- **Concrete Consolidation – Brian Lenihan**
 - New types of vibrators - rebar shakers and urethane dimpled heads.
 - Concrete Construction Industry report – Shaking Things Up – new consolidation tools <http://www.concreteconstruction.net/consistency-and-workability/shaking-things-up.aspx> and Oztec company website http://www.oztec.com/standard_rebar_shaker.htm.



NOTE: Enter through the North Entrance at the Presentation Room



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- **Concrete Forms – Brian Lenihan**

- Cast-in-place pop-out cylinders (CIPPOC, ASTM C873). The molds are made of four separate plastic pieces. The center mold that forms the test specimen typically has an inside diameter of 4 inches, and is either 4 or 6 inches deep. The fixed outer member is attached by a flange to the bottom slab form. Between the outer member and the specimen holder is a threaded adjustable sleeve, which allows the specimen height to be raised or lowered so that it is at the same elevation as the top of slab. CIPPOCs also have a bottom plug. Once the bottom slab support is removed, the bottom plug can be unscrewed, leaving a 4-inch pipe chase. Otherwise, the plug can be left in, and the cavity filled with concrete.



- **CO Sensor System Re-Testing – Jim Arnolds**

- See attached document for information

- **TG-50-2012 Draft – Final and Daily Report Requirements – Brian Lenihan**

- The draft of TG-50 is on the website for comments. Comments will be accepted until June 1, 2012

- **TG-20-2012 Draft – Quality Assurance Agency Responsibilities – Brian Lenihan**

- The draft of TG-20 is on the website for comments. Comments will be accepted until June 1, 2012

- **Enforcement Issues – Brian Lenihan**

- Retro Anchors – Approved plans have the note *"The following is a list of the approved retrofit epoxies and anchors. This list is for reference only and is not intended to be used prior to the EOR approval. Each specific condition will need to be reviewe4d and direction given based....."* The EOR must provide written approval prior to each installation.
- Work was performed and inspected as "information only". The report contained an acceptance statement.
- A Record of Correction was issued referencing an unstamped non approved engineering letter. Clarification letters from the EOR must state "This letter is a clarification." When the EOR specifies a clarification in a letter, the letter does not need to be approved by the Clark County.
- Inspectors must print their name and sign the inspection reports.
- Inspectors wrote daily reports without referencing the details and sheets from the approved plans.

- **Public Comment and Discussion**

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