



# Department of Development Services

## Building Division

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

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

March 3, 2010

## LETTER TO INDUSTRY

### POST-INSTALLED ADHESIVE & MECHANICAL ANCHORS

Effective March 29, 2010, all special inspection agencies shall use the revised attached forms for post-installed anchors. These forms have been adjusted to be consistent with the most recent version of post-installed anchor manufacturers' ICC-ES reports. The adhesive anchor reports have revised special inspection procedures. The special inspector is required to ensure that the installed adhesive anchor does not exceed a specified maximum torque value.

Quality Assurance Agencies, engineers, contractors and developers should review the current ICC-ES reports prior to specifying, installing or inspection to become aware of all requirements.

If you have any questions, you may contact Brian Lenihan at [bpl@co.clark.nv.us](mailto:bpl@co.clark.nv.us).

*Ted Droessler*

Theodore L. Droessler, P.E.  
Manager of Engineering  
TLD:bpl

Enclosures: Form 811 Post-Installed Adhesive Anchor  
Form 851 Post-Installed Mechanical Anchor



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Report No.	
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Inspection Date	
Permit No.	

### ADHESIVE ANCHORAGE OF RODS/BOLTS

Project Address:		Lot:		Block:	
Development Name:					
Quality Assurance Agency:		Owner/Agent:			
<b>Owner/Agent Signature:</b>					Date:
CCBD Inspector Initials					Date:

#### INSPECTION SUMMARY

Y/N	INSPECTION ITEM	COMMENTS
	CCBD Plan Approval Date:	
	Evaluation Report No. & Date:	
	Hole Depth & Diameter:	
	Cleanliness of Hole:	
	Anchor Diameter, Type & Grade:	
	Quantity of Rods/Bolts Installed:	
	Anchor Embedment Depth:	

#### PRODUCT DESCRIPTION

Y/N	PRODUCT INFORMATION	COMMENTS
	Adhesive Product Name:	
	Adhesive Expiration Date:	
	Concrete Type and Strength	
	Drill Bit Compliance:	

#### INSPECTION SUMMARY

Product Installation Complies with requirements	Yes	No

**I hereby acknowledge that I have reviewed the approved plans, applicable evaluation report, and manufacturers' installation instructions. I inspected the products and observed the product installation. The anchor installation has been verified to be in accordance with the manufacturer's published instructions, the above referenced evaluation report and the Clark County approved plans.**

<b>SPECIAL INSPECTOR (PRINTED)</b>	
<b>SPECIAL INSPECTOR (SIGNATURE)</b>	<b>DATE</b>

ENGINEER STAMP HERE

Return completed certification to Clark County Department of Development Services – Building Division

**ADHESIVE ANCHOR CLEARANCE PROCEDURE**  
**SPECIAL CASES: C-E**

THIS FORM IS AVAILABLE AT THE CLARK COUNTY DEPARTMENT OF DEVELOPMENT SERVICES BUILDING DIVISION WEB SITE AND LISTED PRIME AGENCIES

1. The clearance report shall be used for adhesive anchorage systems as identified in the approved plans and used as an alternate to the specified cast-in-place anchor.
2. The quality assurance agency special inspector shall complete the report and leave a copy with the general contractor or permit holder. (At this point an engineer from the special inspection agency will not have sealed the report.)
3. The report shall be given to the Clark County Department of Development Services Building Division (CCDDS-BD) Inspector as assurance that adhesive anchorage system installations have been inspected and accepted by the Quality Assurance Agency (QAA), prior to or at shear wall inspection.
4. The CCDDS-BD inspector shall initial the report then place the report into a designated basket in the inspections office. The designated basket will be located at the public counter.
5. A Building Permit Specialist shall enter the clearance requirement for adhesive anchorage into the required inspection screen for the permit listed on the form. The clearance shall be established at the hold point prior to a framing inspection.
6. The structural group will review and disposition the engineer sealed adhesive anchorage report. Both the field copy and the engineered sealed copy must be received by CCDDS-BD staff prior to the removal of the hold point.
7. The engineer sealed report form shall be sent to CCDDS-BD records by the CCDDS-BD staff.

**Adhesive Anchorage of Rods/Bolts Form - Web Address**

[http://dsnet.co.clark.nv.us/dsweb/bldg\\_pdfforms/qaa\\_rodsboltsreport.pdf](http://dsnet.co.clark.nv.us/dsweb/bldg_pdfforms/qaa_rodsboltsreport.pdf)



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## POST-INSTALLED MECHANICAL ANCHORAGE CLEARANCE REPORT

Project Address:		Lot:		Block:	
Development Name:					
Quality Assurance Agency:			Owner/Agent:		
<i>Owner/Agent Signature:</i>					Date:
CCBD Inspector Initials					Date:

## INSTALLATION INSPECTION SUMMARY

INSPECTION ITEM
CCDDS-BD Plan Approval Date:
CCDDS-BD Plan Sheet & Detail
Mechanical Product Name:
Evaluation Report No. & Date:
Concrete Type and Strength
Concrete Thickness
Tightening Torque for Each Bolt
Hole Cleaning Procedure

## LOCATIONS OF ROD/BOLT & ADDITIONAL INSPECTION INFORMATION


**I hereby acknowledge that I have reviewed the approved plans, applicable evaluation report, and manufacturers' installation instructions. I inspected the products and observed the product installation. The anchor installation has been verified to be in accordance with the manufacturer's published instructions, the above referenced evaluation report and the Clark County approved plans.**

SPECIAL INSPECTOR (PRINTED)	
SPECIAL INSPECTOR (SIGNATURE)	DATE

ENGINEER STAMP HERE

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**POST-INSTALLED MECHANICAL ANCHOR CLEARANCE PROCEDURE**  
**SPECIAL CASES: C-E**

THIS FORM IS AVAILABLE AT THE CLARK COUNTY DEPARTMENT OF DEVELOPMENT SERVICES BUILDING DIVISION WEB SITE AND LISTED PRIME AGENCIES

1. The clearance report shall be used for post-installed mechanical anchorage systems as identified in the approved plans and used as an alternate to the specified cast-in-place anchor.
2. The quality assurance agency special inspector shall complete the report for the work performed and leave a copy with the general contractor or permit holder. (At this point an engineer from the special inspection agency will not have sealed the report.)
3. The report shall be given to the Clark County Department of Development Services Building Division (CCDDS-BD) Inspector as assurance that mechanical anchorage system installations have been inspected and accepted by the Quality Assurance Agency (QAA), prior to or at shear wall inspection.
4. The CCDDS-BD inspector shall initial the report then place the report into a designated basket in the inspections office. The designated basket will be located at the public counter.
5. A Building Permit Specialist shall enter the clearance requirement for mechanical anchorage into the required inspection screen for the permit listed on the form. The clearance shall be established at the hold point prior to a framing inspection.
6. The structural group will review and disposition the engineer sealed mechanical anchorage report. Both the field copy and the engineered sealed copy must be received by CCDDS-BD staff prior to the removal of the hold point.
7. The engineer sealed report form shall be sent to CCDDS-BD records by the CCDDS-BD staff.

**Mechanical Anchorage of Rods/Bolts Form - Web Address**

[http://dsnet.co.clark.nv.us/dsweb/bldg\\_pdfforms/qaa\\_rodsboltsreport.pdf](http://dsnet.co.clark.nv.us/dsweb/bldg_pdfforms/qaa_rodsboltsreport.pdf)