

## APPENDIX D – CERTIFICATION LETTER:

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September 28, 2016

To whom it may concern:

This letter is to certify that the subject barrier, the G-5500 Anti-Ram Sliding Gate – 24ft., provided by Gibraltar, was tested to the requirements of the ASTM standard F-2656-07, Standard Test Method for Vehicle Crash Testing of Perimeter Barriers, in place when test was performed.

The test was performed at Calspan Corporation on August 18, 2016. The barrier was impacted by a truck weighing 6,860.4 kg (15,125 lbs.) travelling at 81.27 kph (50.50 mph). Post-test measurements of the dynamic position of the test vehicle's payload (truck bed) with respect to the trailing edge of the impacted element show that the right leading edge of the truck bed was stopped at 1.152 meter. As such, based on the truck mass, impact velocity and penetration into the protected zone, the barrier rating per the ASTM standard F-2656-07 is M50-P2.

Calspan is accredited to ISO 17025 to perform ASTM F2656-07 testing by Perry Johnson Laboratories Accreditation, Inc. (PJLA) under Certificate Number L13-137 and Accreditation Number 76654.

Respectfully,

A handwritten signature in blue ink that reads "Edward Dutton".

Edward Dutton  
Test Director

*Safer Highways... Safer Skies*

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