



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
1

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

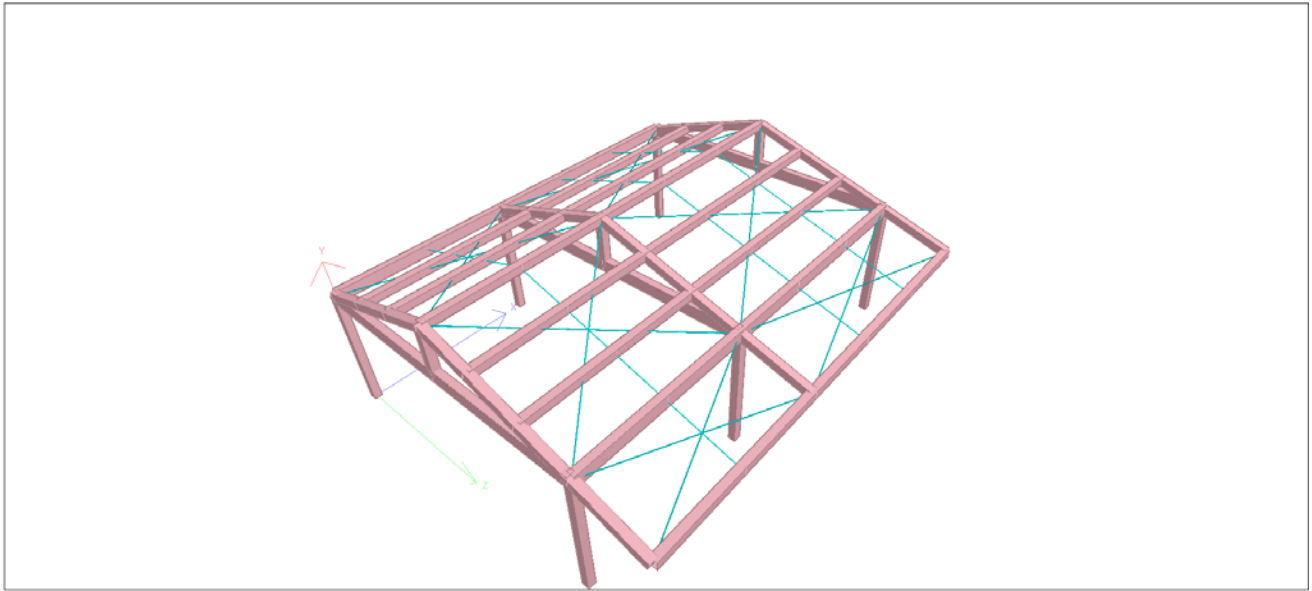
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



RENDER MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL UBC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
2

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

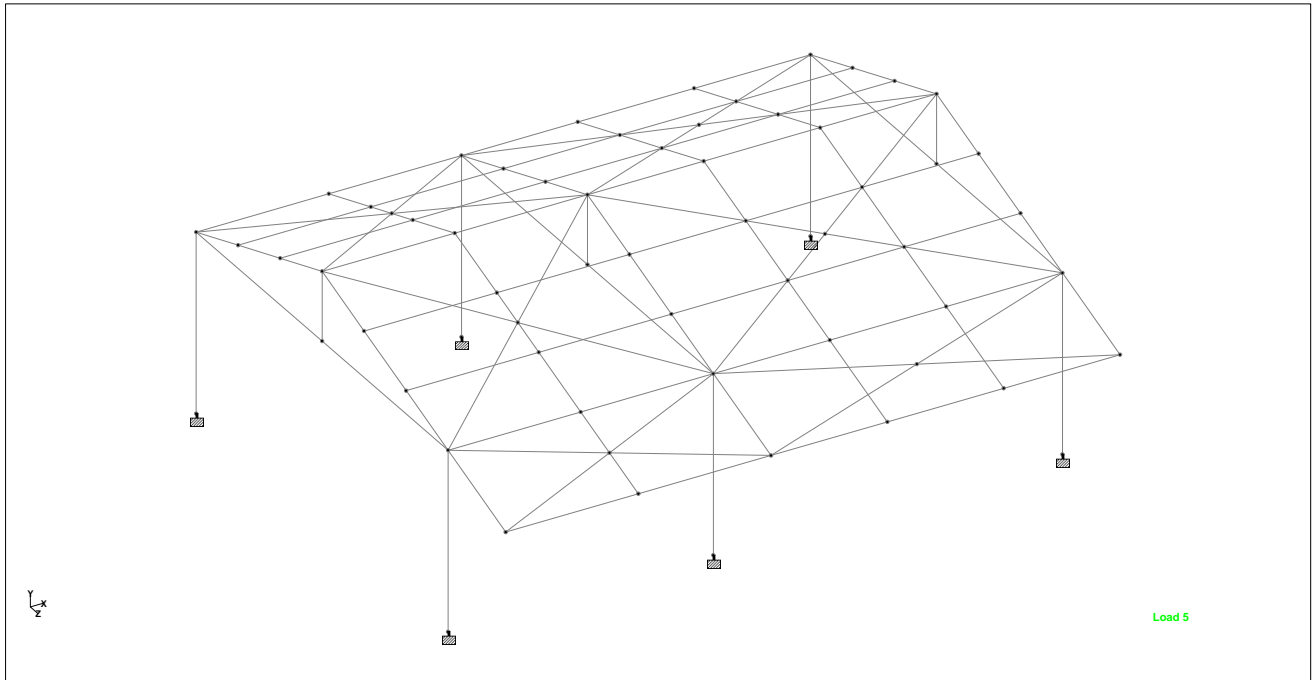
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



ISOMETRICO MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
3

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

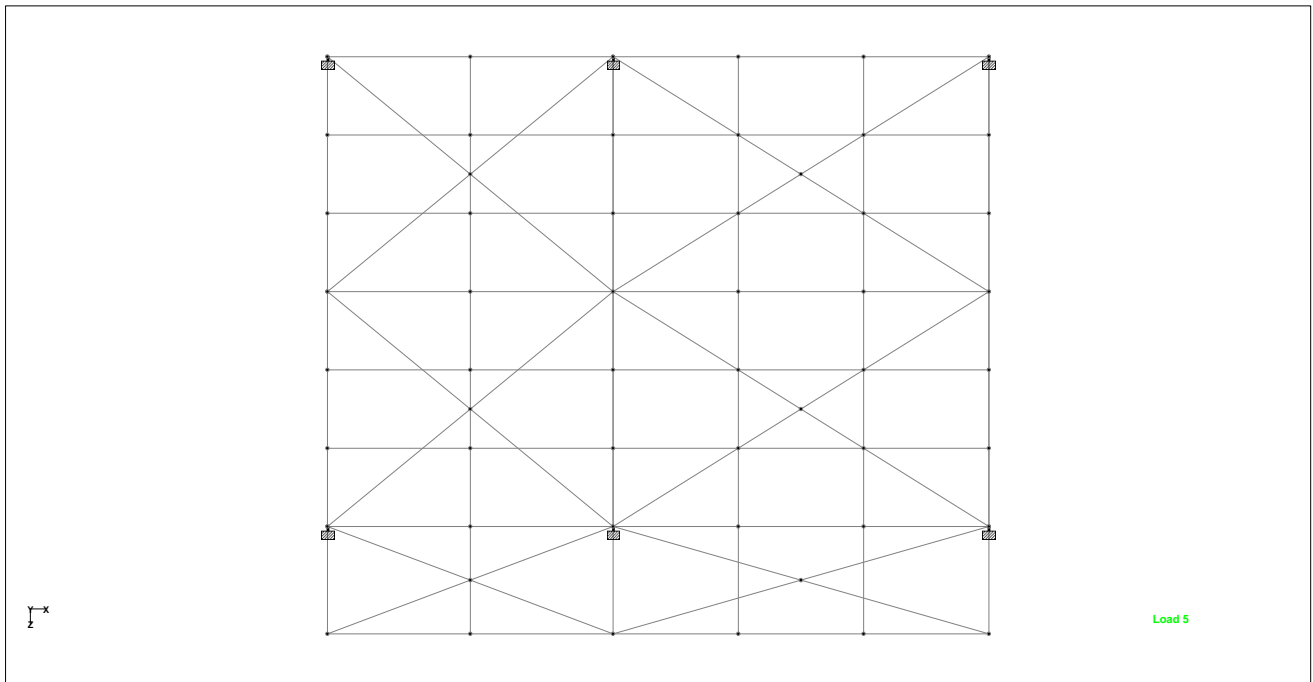
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



PLANTA MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
4

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

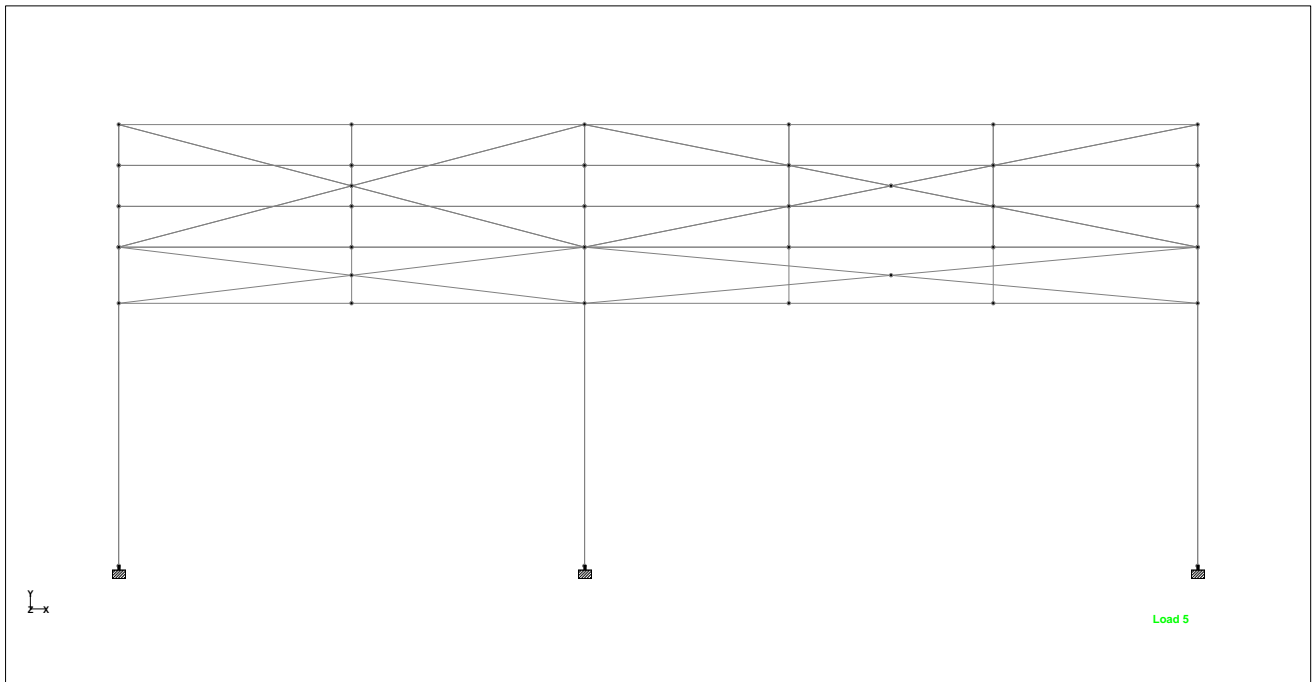
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



ALZADO FRONTAL MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
5

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

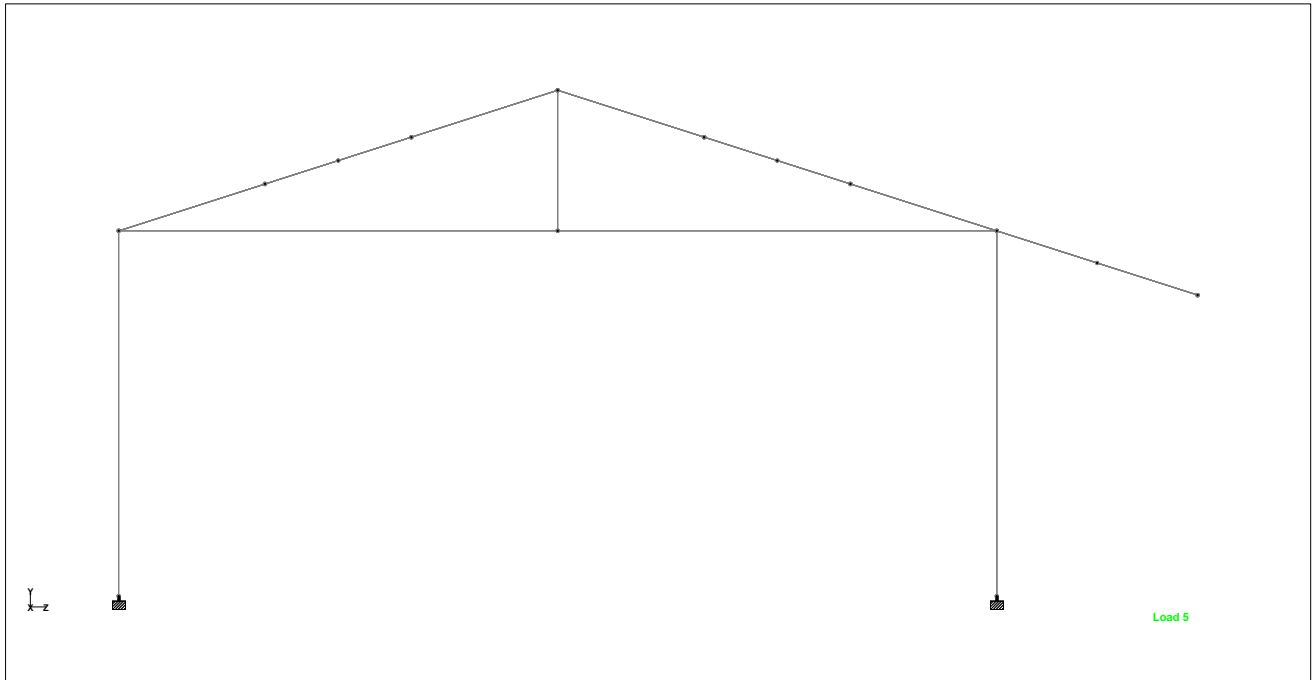
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



ALZADO LATERAL MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
 ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
6

Rev
 JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

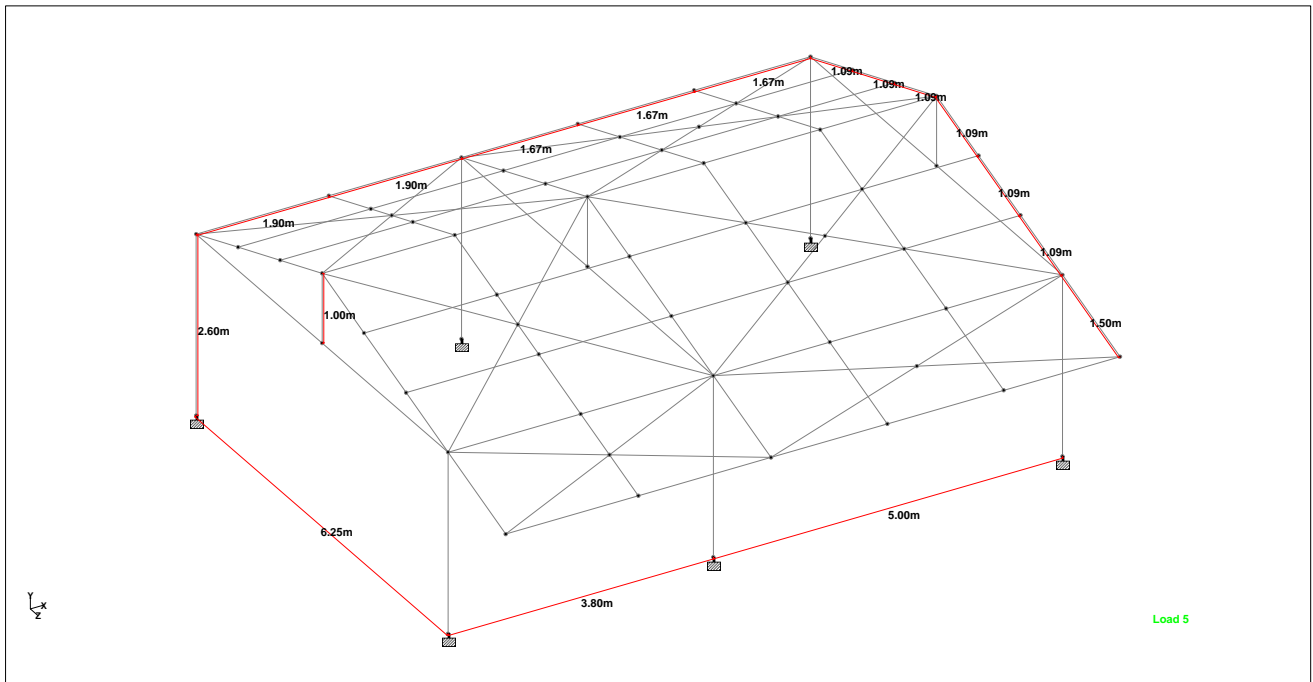
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



MEDIDAS MODELO AULA



Software licensed to

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM

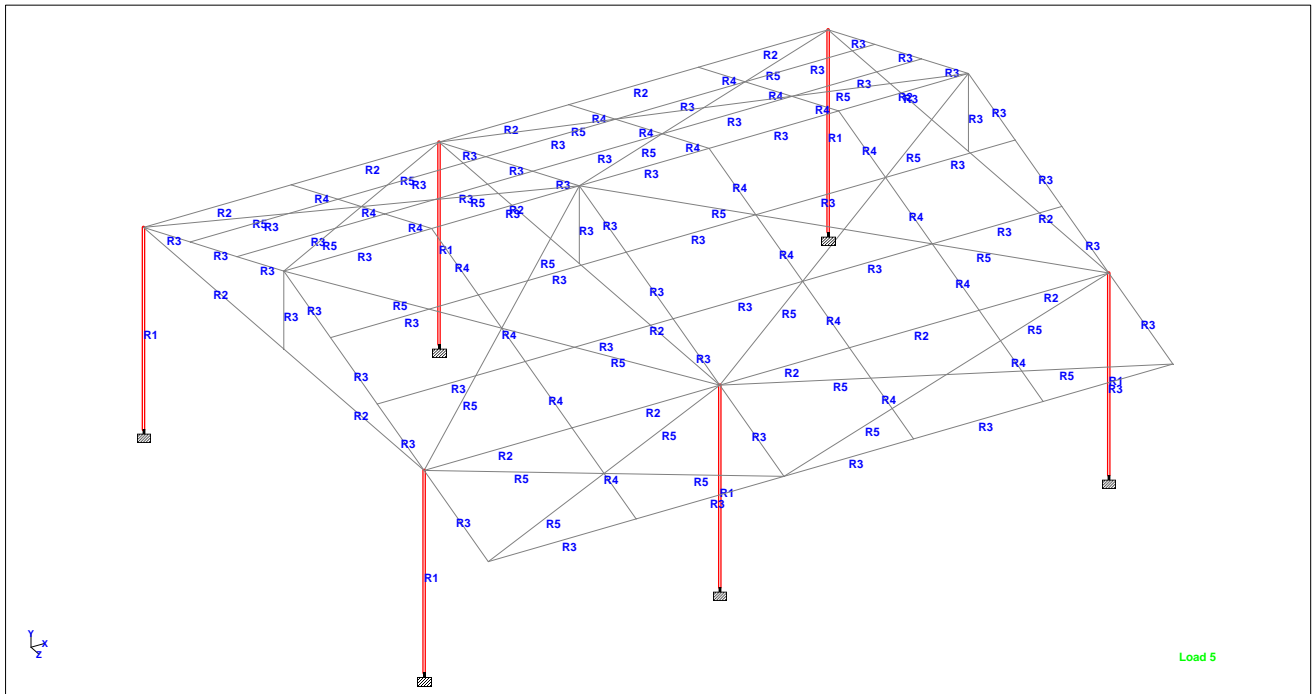
Date 09-Jan-13

Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



COLUMNAS PERFILES TUBULARES 160X160X6 MM.



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
 ARQUITECTO U.N. - INGENIERO CIVIL UBC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
8

Rev
 JGMM

Part1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

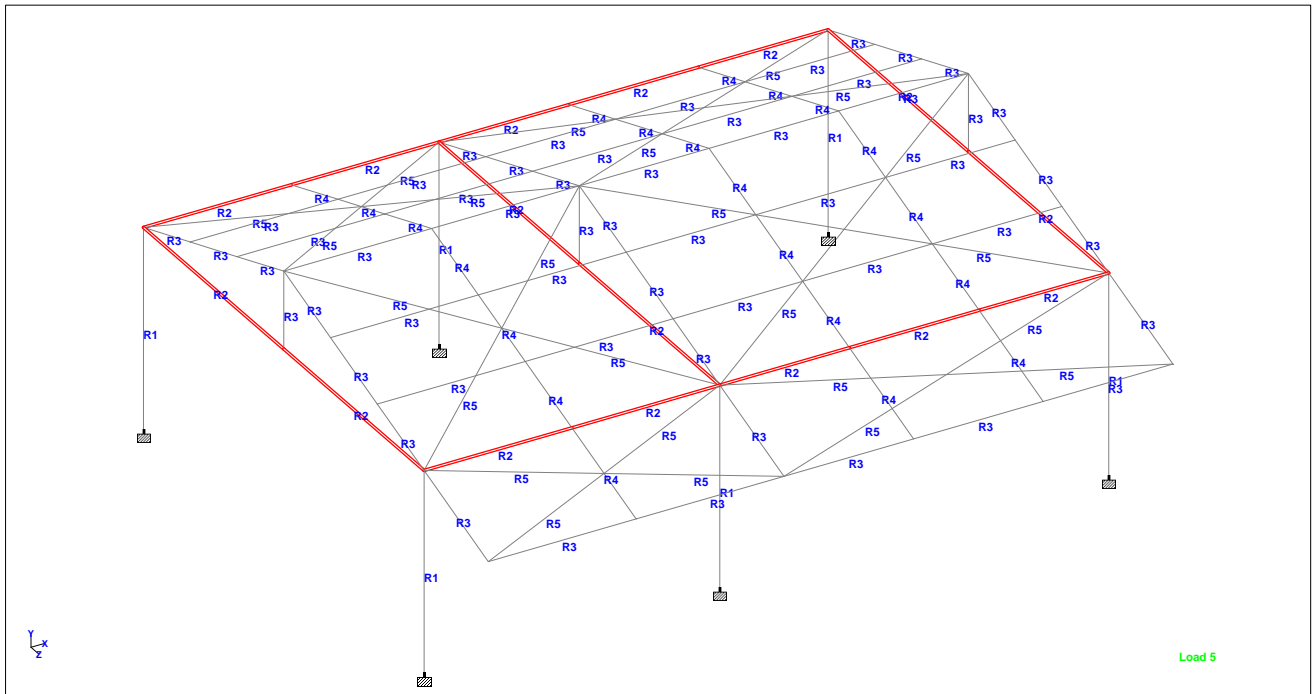
Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



VIGAS MODELO 150X250X6 MM.



Software licensed to

Part1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM

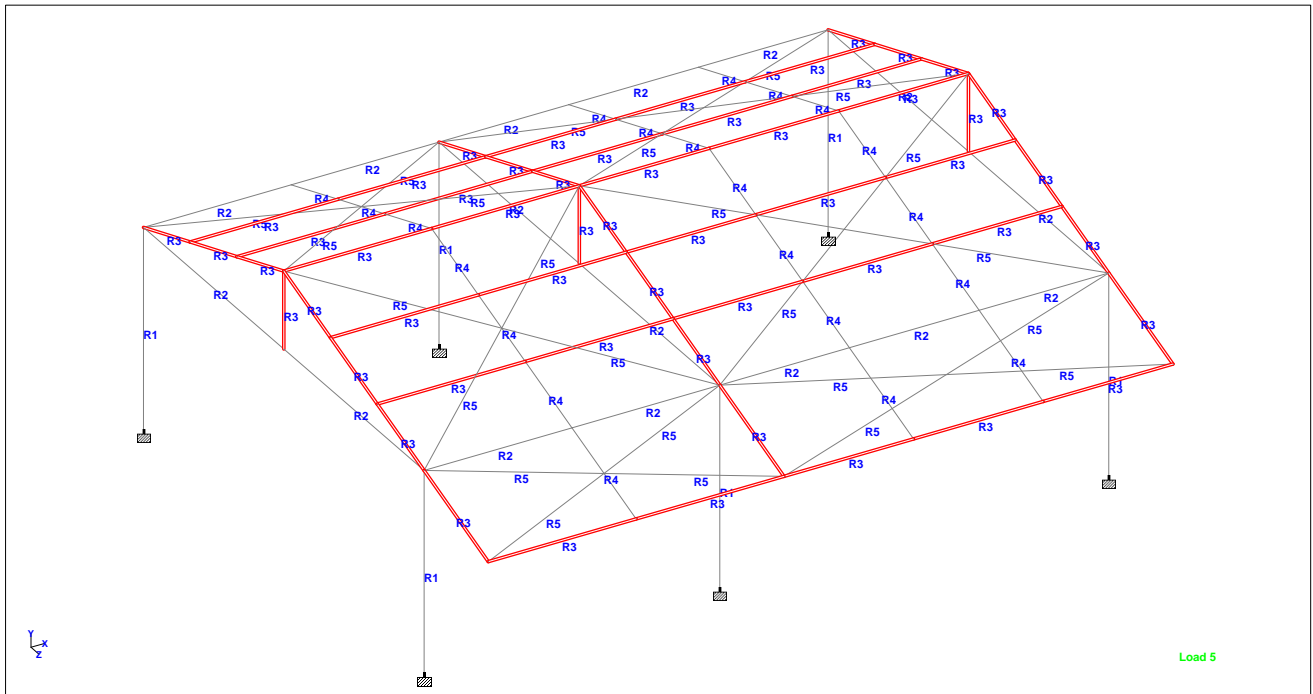
Date 09-Jan-13

Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



TUBULARES CUBIERTA 160X160X6 MM.



Software licensed to

Part1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM

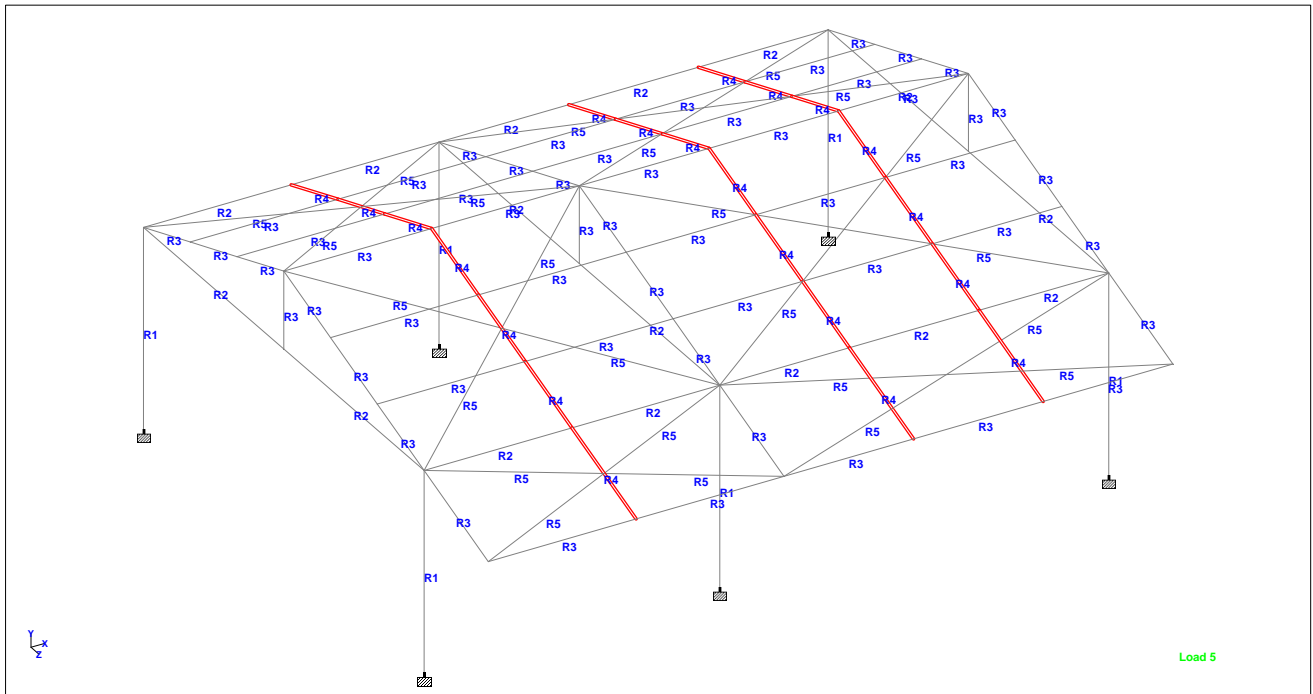
Date 09-Jan-13

Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39



TIRANTILLOS VARILLA DE 3/8".



Software licensed to

Part1- FRANCISCO CERON.

Job Title **MAESTRIA CONSTRUCCION.**

Ref **09-01-13**

By **JGMM**

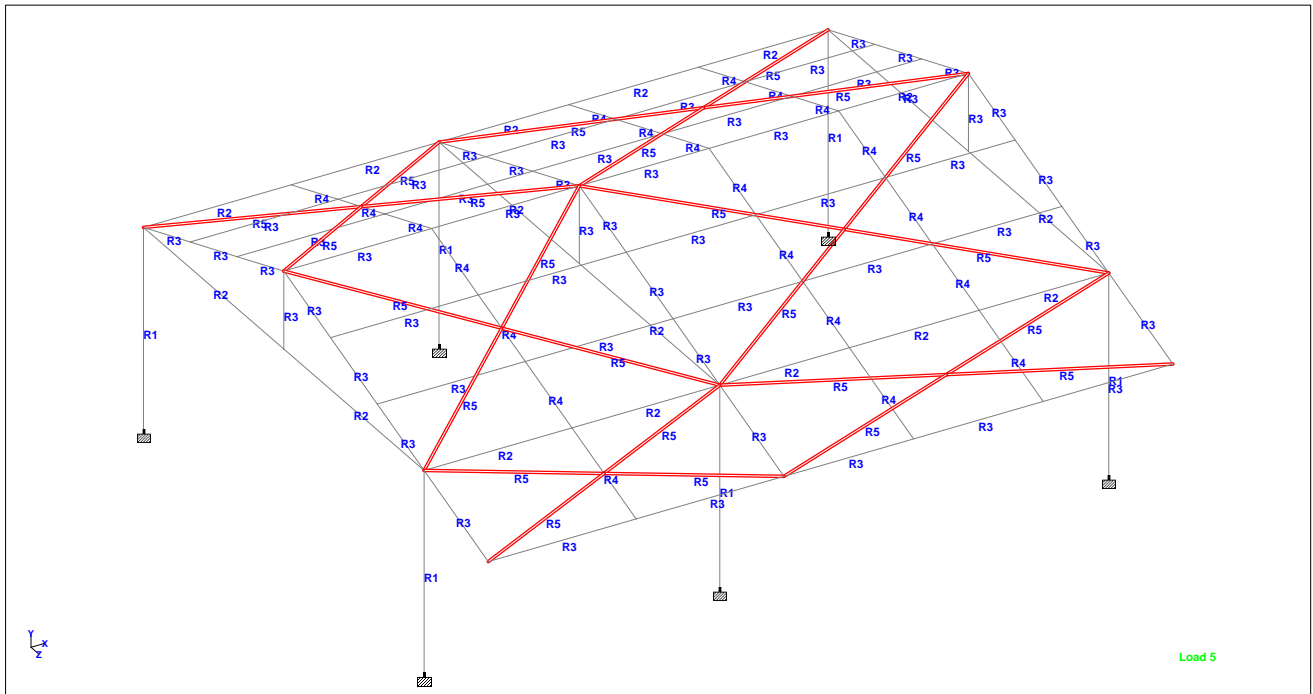
Date **09-Jan-13**

Chd

Client **UNIVERSIDAD NACIONAL**

File **AULA-T.std**

Date/Time **09-Jan-2013 02:39**



CONTRAVIENTOS VARILLA DE 1/2"



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
12

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

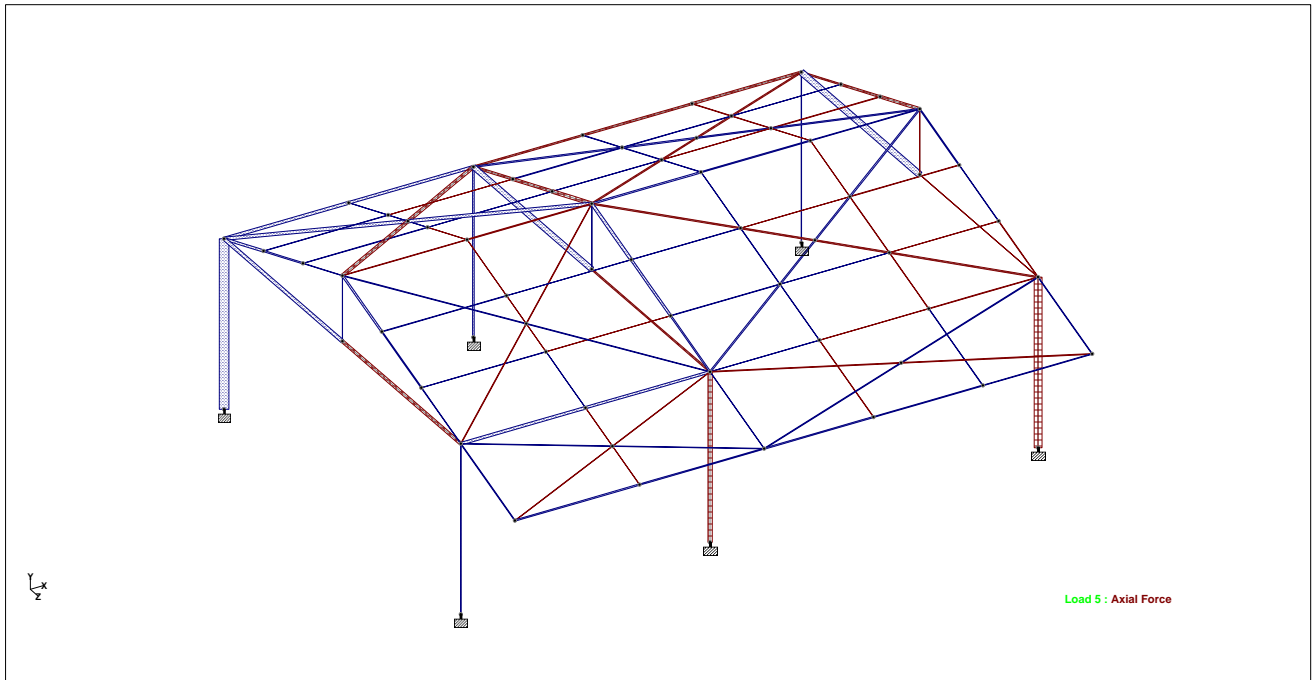


DIAGRAMA DE FUERZAS AXIALES MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
13

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

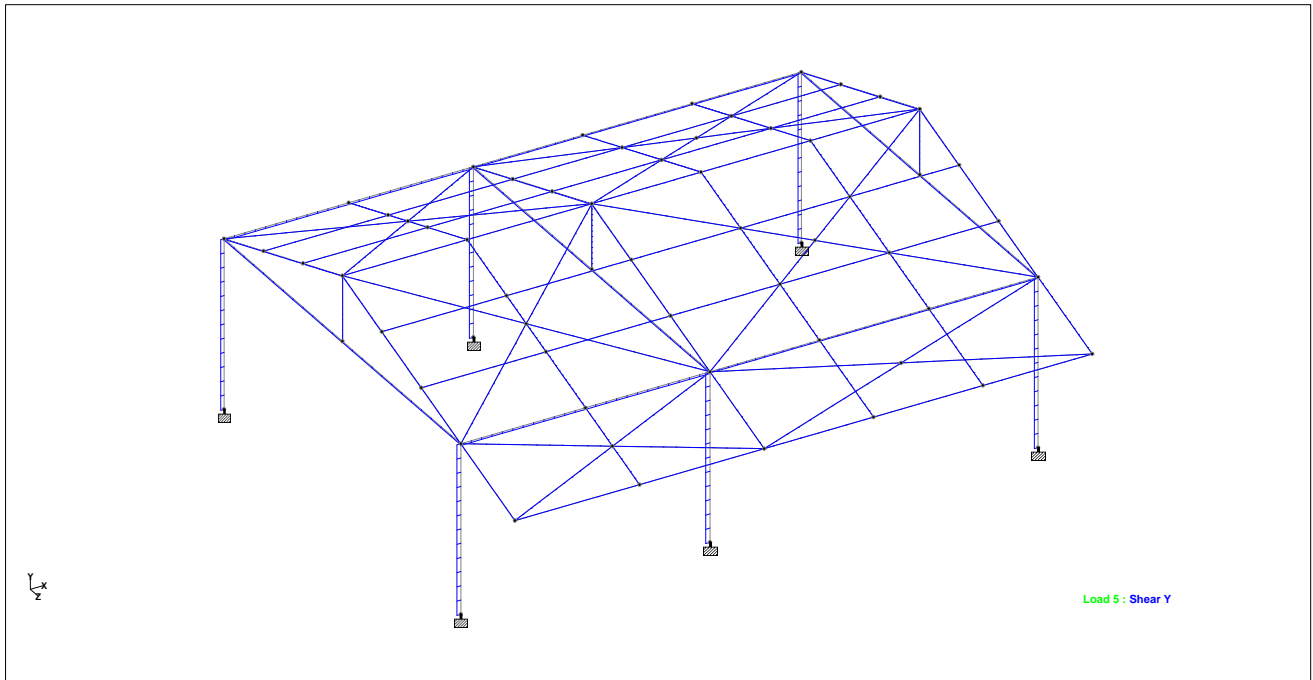


DIAGRAMA FUERZAS CORTANTES EN Y MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
14

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

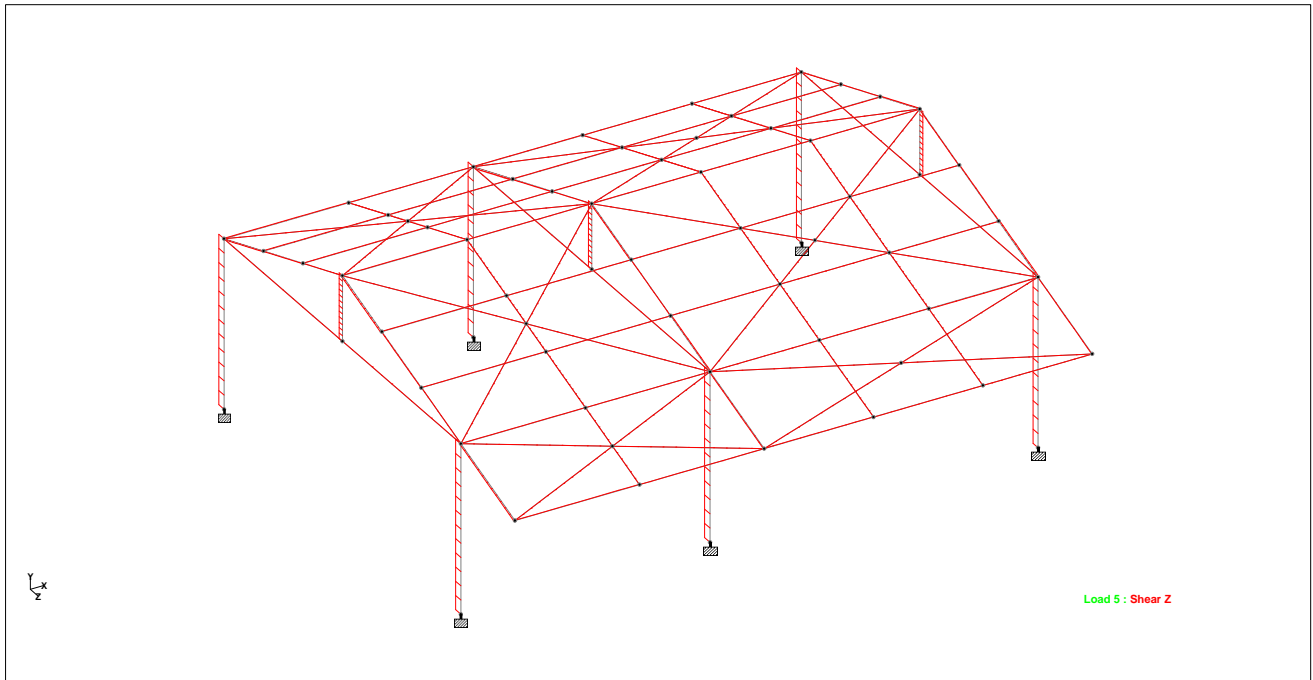


DIAGRAMA DE FUERZAS CORTANTES EN Z MODELO AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
15

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

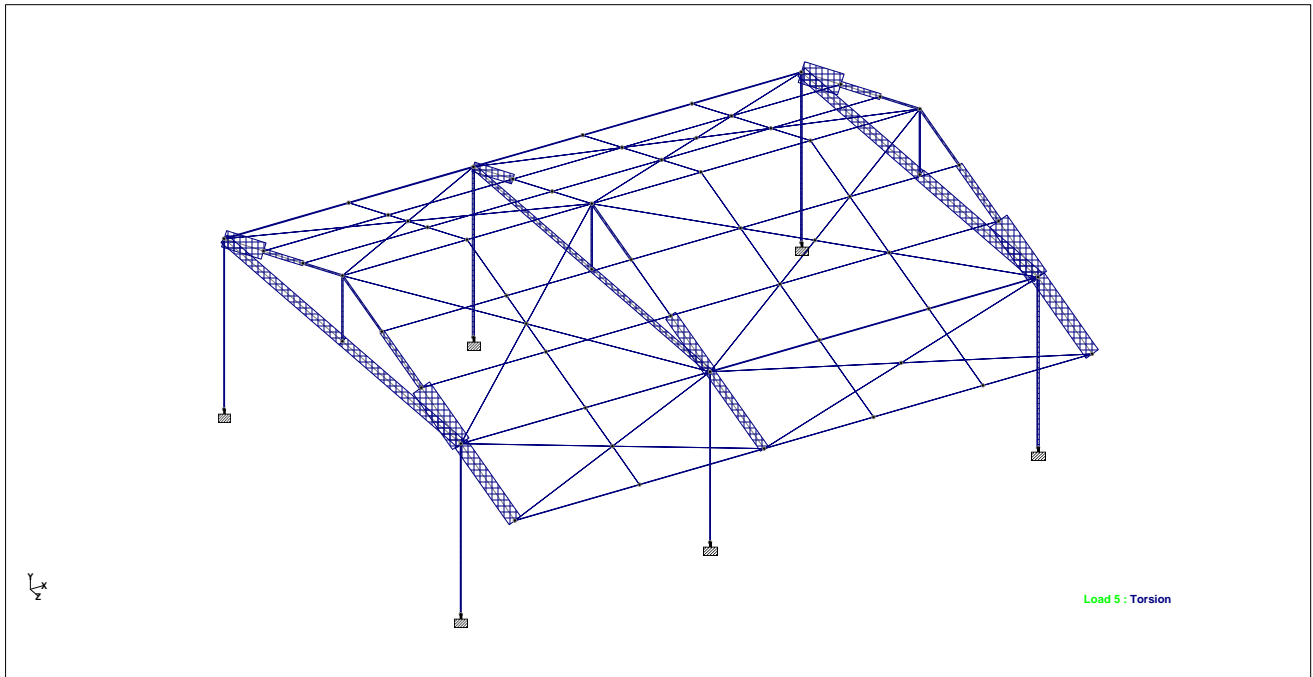


DIAGRAMA DE MOMENTOS TORSORES MODELO GENERAL AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL UBC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
16

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

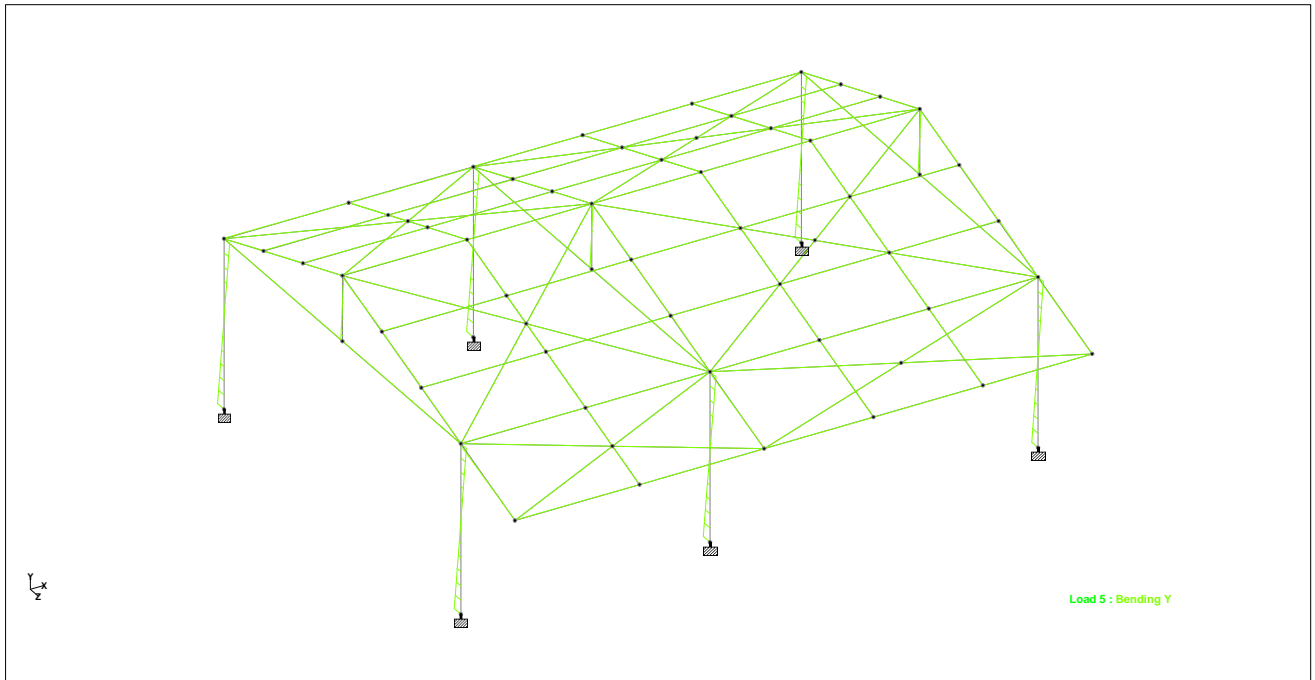


DIAGRAMA DE MOMENTOS EN Y MODELO GENERAL AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL UBC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
17

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

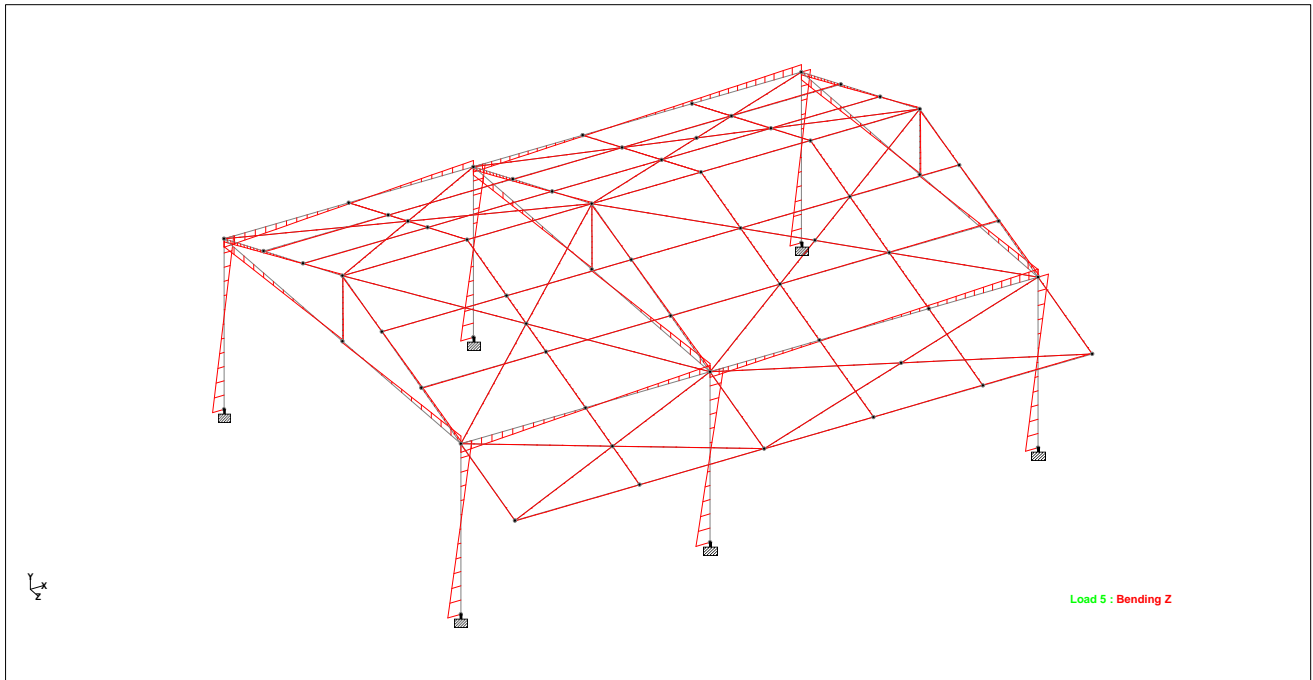


DIAGRAMA DE MOMENTOS EN Z MODELO GENERAL AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
18

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

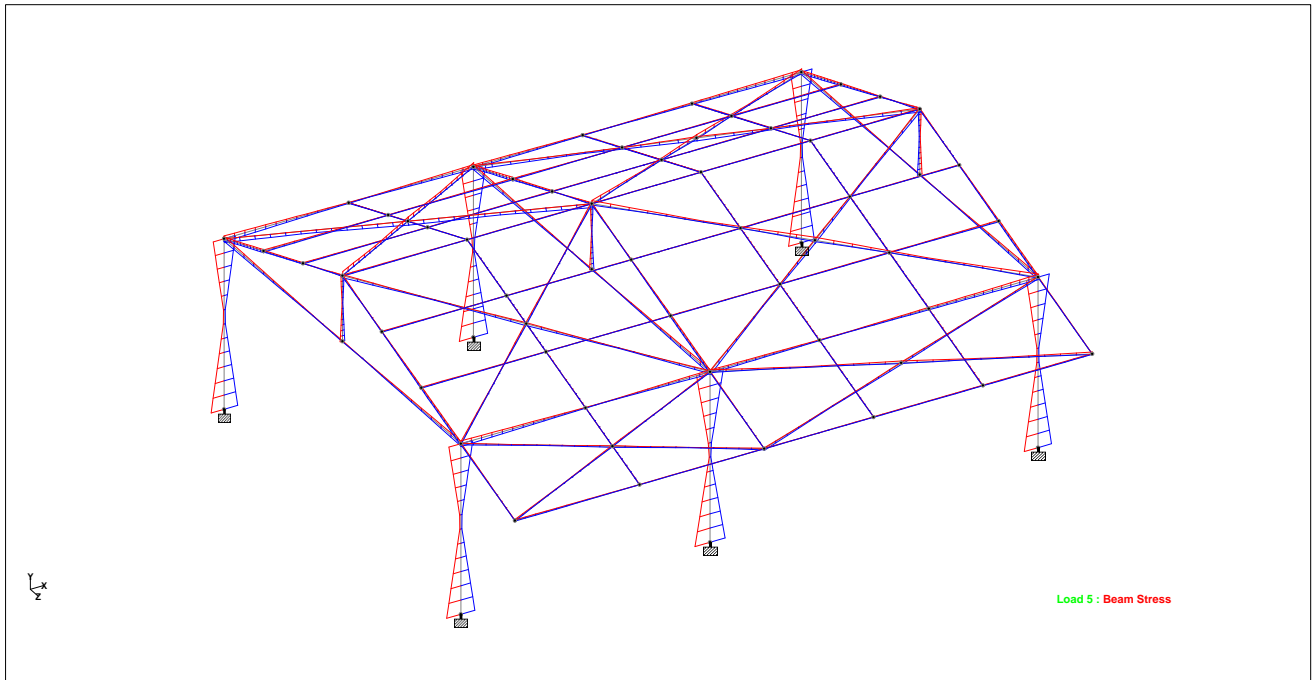


DIAGRAMA DE ESFUERZOS MODELO GENERAL AULA



JOSÉ GUSTAVO MARTÍNEZ MURCIA.
ARQUITECTO U.N. - INGENIERO CIVIL USC - M.C. S. ESTRUCTURAS U.N. - ESP. PATOLOGÍA USTA.

Software licensed to

Job No
MSP-01-13

Sheet No
19

Rev
JGMM

Part 1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

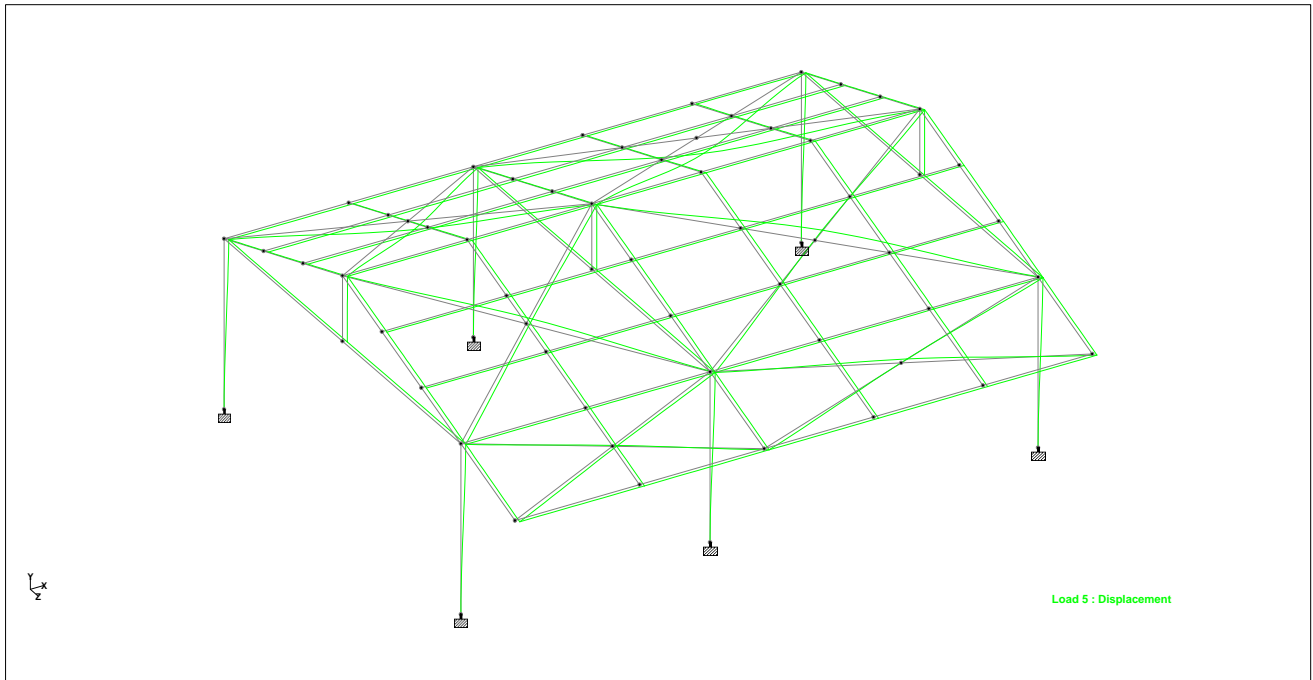


DIAGRAMA DE DSPLAZAMIENTOS MODELO GENERALL AULA



Software licensed to

Part1- FRANCISCO CERON.

Job Title MAESTRIA CONSTRUCCION.

Ref 09-01-13

By JGMM Date 09-Jan-13 Chd

Client UNIVERSIDAD NACIONAL

File AULA-T.std

Date/Time 09-Jan-2013 02:39

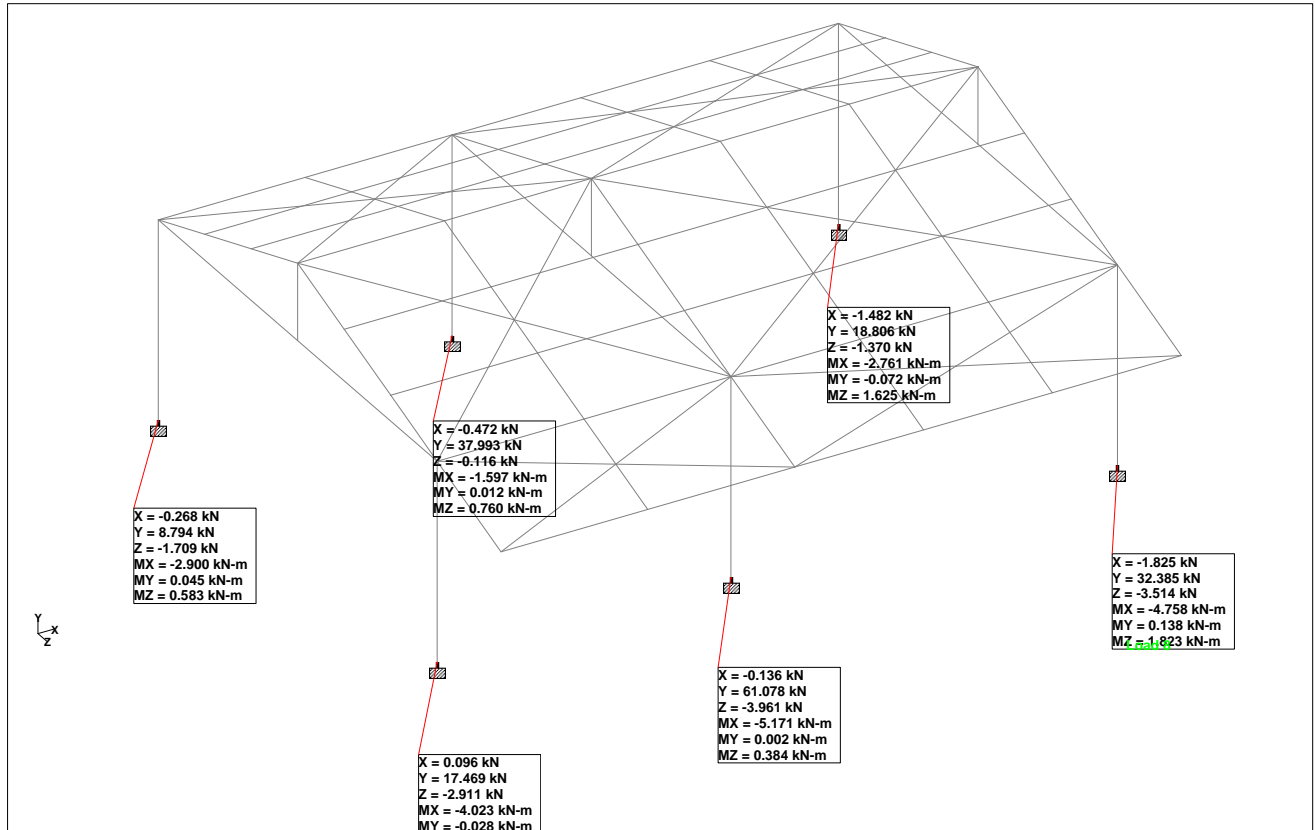


DIAGRAMA DE REACCIONES MODELO GENERAL AULA