5.1.8 Field measuring form - Site R11

Site code: R11

Street address: Kashani Ave., Shahreziba

Building type:
reinforced concrete construction

No. of stories: 4

Shape of the building:
rectangular, elongated

Date of measurement: 21/07/2000

Building condition: inhabited residential

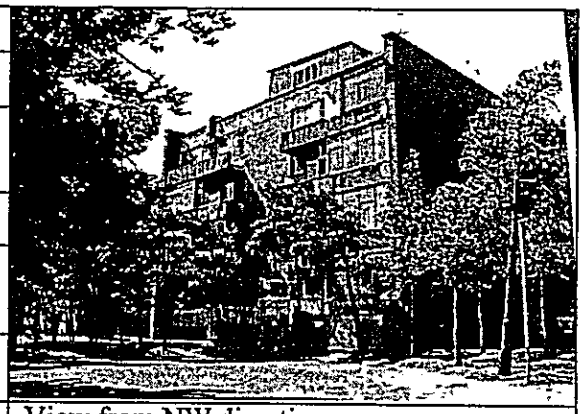
Seismic noise source conditions:
no elevators, air condition generators stopped

Weather condition: Clear

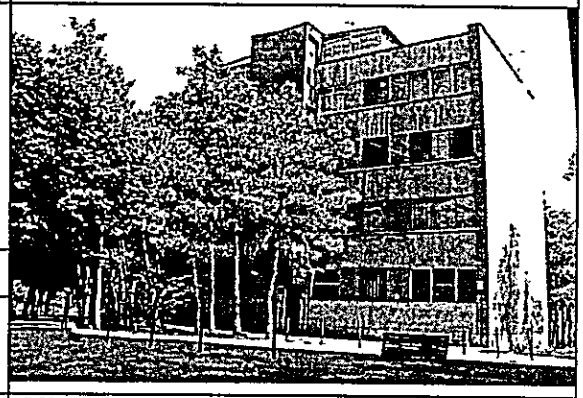
Wind condition:
no wind

Special comments:
Shahr-e-Ziba area (1) apartment complex

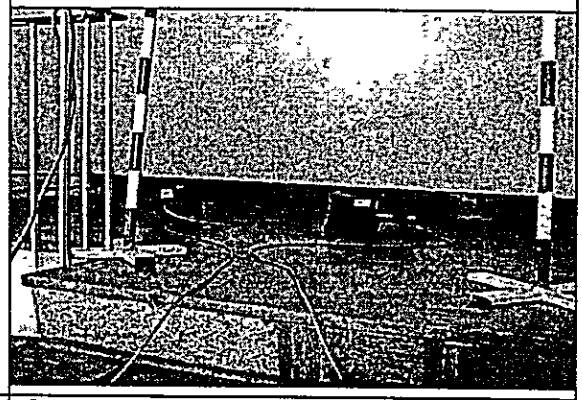
Dimensions (L x W x H):
12.3m x 10.3m x 12.0m



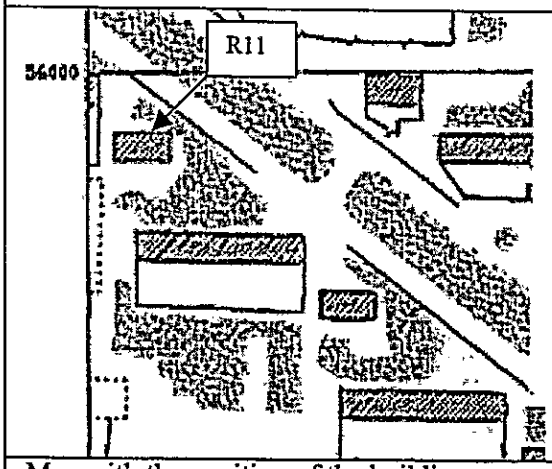
View from NW direction



View from SE direction



Sensor setup - top of the building



Map with the position of the building

Sensor setup - ground floor

5.1.9 Field measuring form - Site R12

Site code: R12

Street address: Asia Blvd., Kashani Ave.

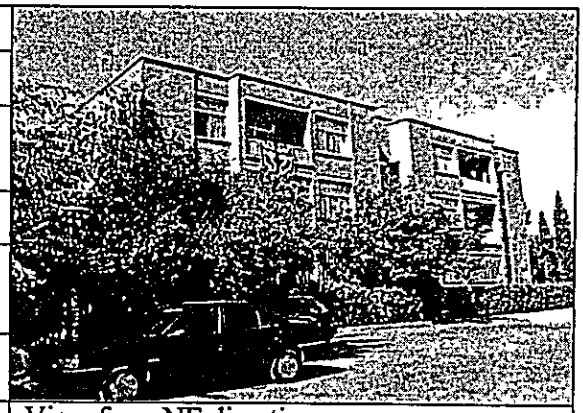
Building type:
reinforced concrete construction

No. of stories: 3

Shape of the building:
rectangular, elongated

Date of measurement: 23/07/2000

Building condition: inhabited residential

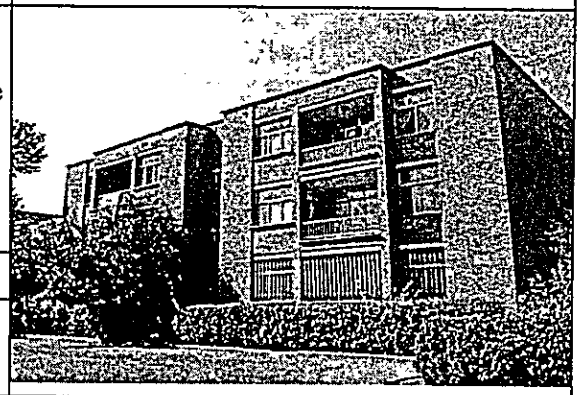


View from NE direction

Seismic noise source conditions:
no elevators, air condition generators stopped, some residents passed nearby while measuring

Weather condition: Clear

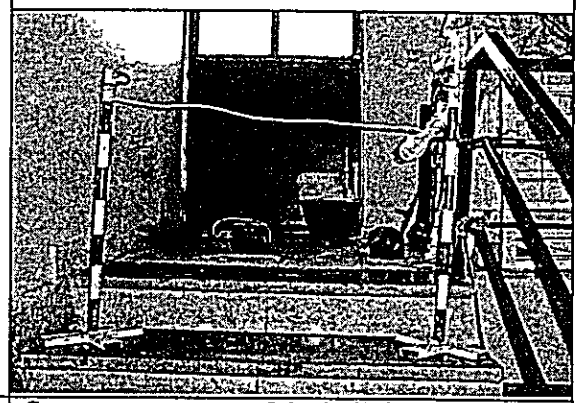
Wind condition:
slight wind, branches move



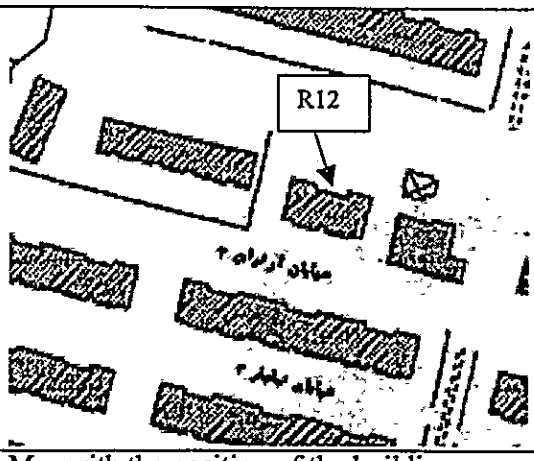
View from NW direction

Special comments:
Shahr-e-Ziba area apartment complex

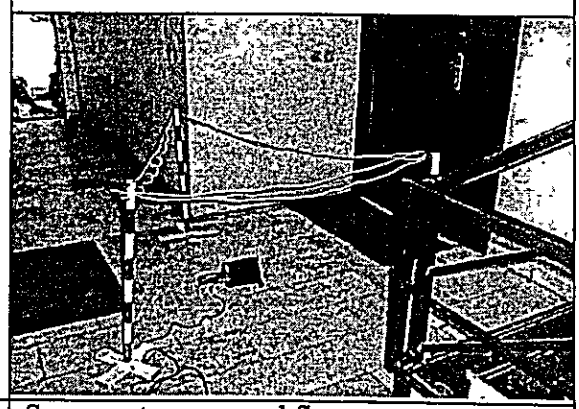
Dimensions (L x W x H):
26.5m x 12.4m x 9.0m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.10 Field measuring form - Site R13

Site code: R13

Street address: Shirkooh St., Zafaranieh

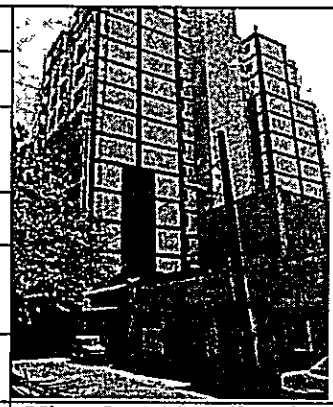
Building type:
reinforced concrete construction

No. of stories: 13

Shape of the building:
rectangular, elongated, complex

Date of measurement: 24/07/2000

Building condition: under construction

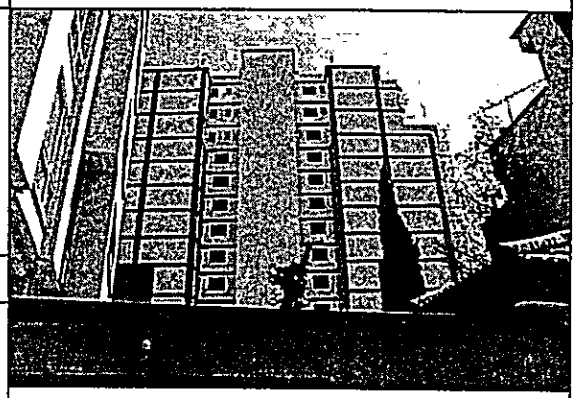


View from NW direction

Seismic noise source conditions:
no elevators and air; manual workers stopped; unable to stop construction works nearby

Weather condition: Clear

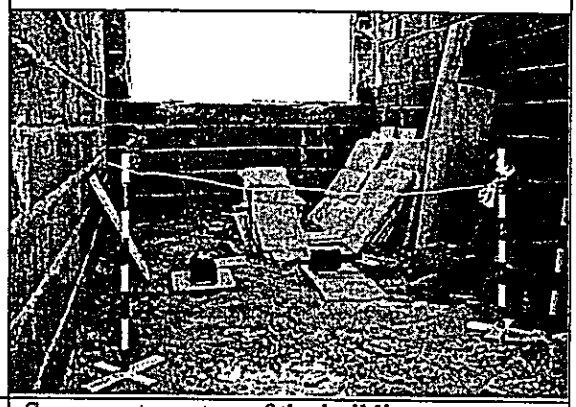
Wind condition:
slight wind, branches move



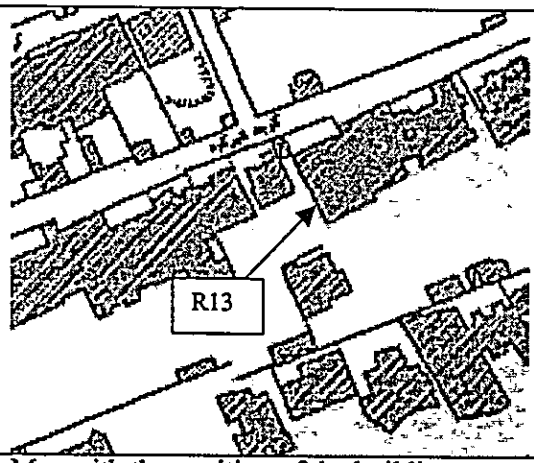
View from W direction

Special comments:
Construction works nearby, heavy machinery

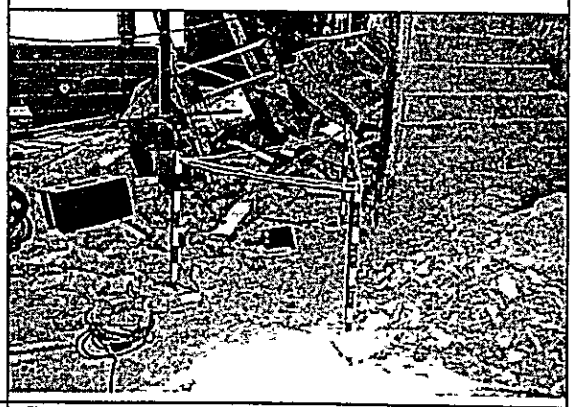
Dimensions (L x W x H):
29.0m x 15.5m x 44.2m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.11 Field measuring form - R14

Site code: R14

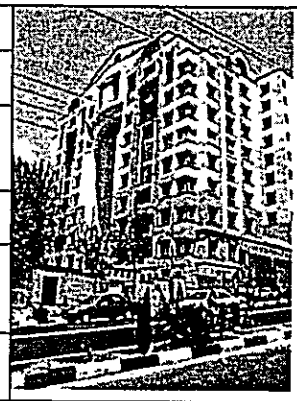
Street address: Kashanieh, Ajoodanieh

Building type:
reinforced concrete construction

No. of stories: 10

Shape of the building:
rectangular, complex, four towers

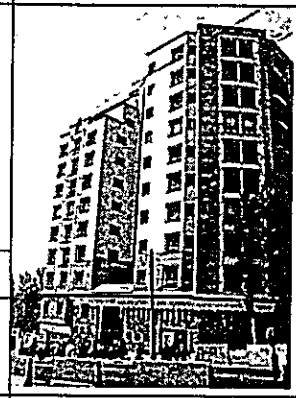
Date of measurement: 26/07/2000



Building condition: under construction

View from NW direction

Seismic noise source conditions:
elevators stopped, air condition generators stopped, a very busy street near the building



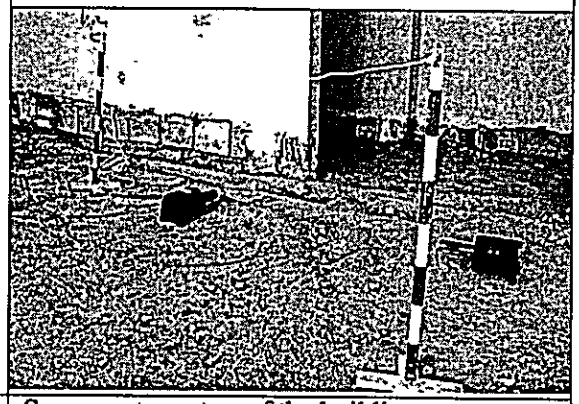
Weather condition: Clear

Wind condition:
slight wind

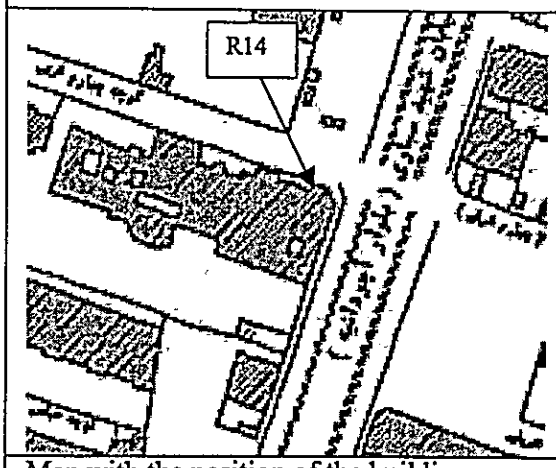
View from SW direction

Special comments:
Nearly finished building.

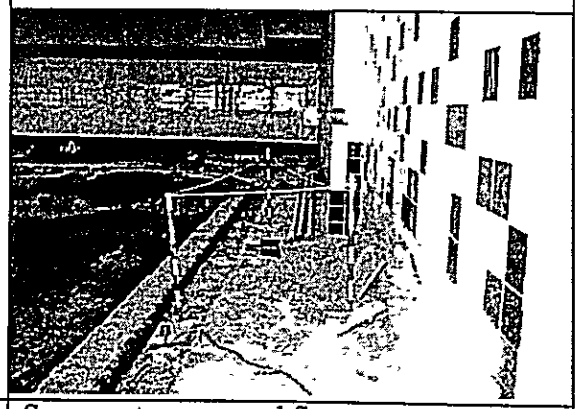
Dimensions (L x W x H):
14.5m x 12.3m x 32.0m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.12 Field measuring form - Site S1

Site code: S1

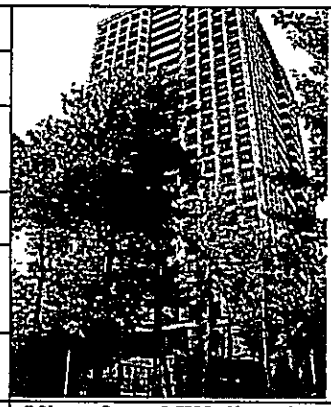
Street address: Bazdar St., Kamranieh

Building type:
steel construction

No. of stories: 24

Shape of the building:
Rectangular

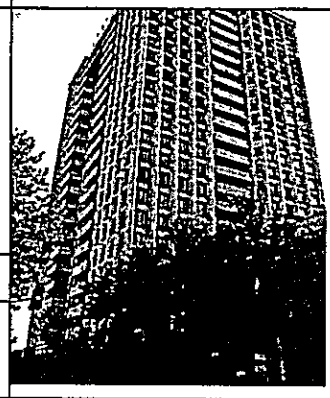
Date of measurement: 24/07/2000



Building condition: under construction

View from NW direction

Seismic noise source conditions:
no elevators and air condition; fright elevator off; heavy traffic nearby; unable to stop passing of some workers nearby measuring site on ground floor



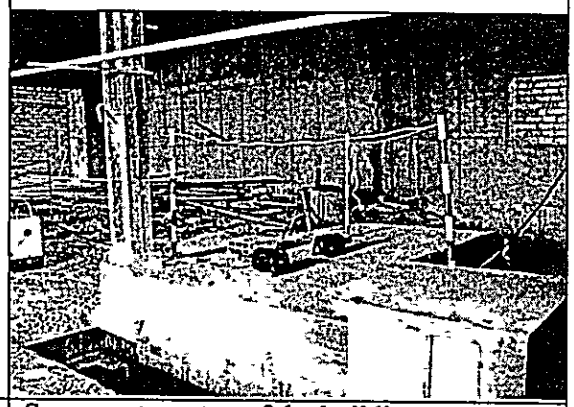
Weather condition: Clear

Wind condition:
slight wind, branches move

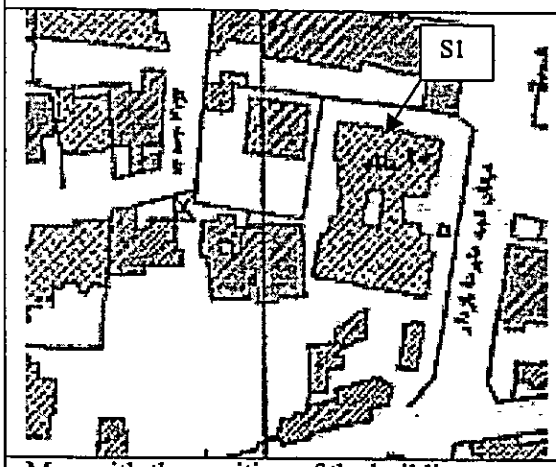
View from SW direction

Special comments:
Shayan apartment complex

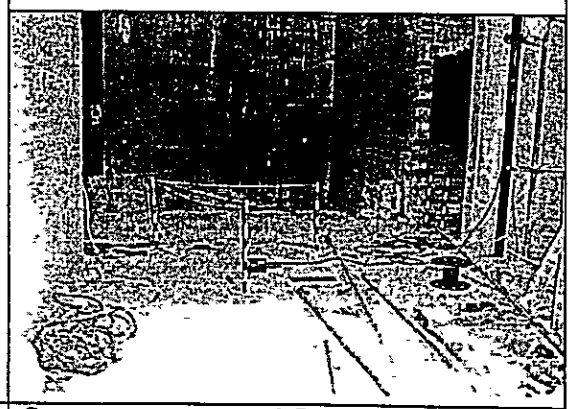
Dimensions (L x W x H):
46.5m x 34.5m x 80.2m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.13 Field measuring form - S2

Site code: S2

Street address: Farmanieh St., Kamranieh

Building type:
steel construction

No. of stories: 16

Shape of the building:
Rectangular, complex

Date of measurement: 25/07/2000

Building condition: under construction

Seismic noise source conditions:
elevators stopped, air condition generators stopped, several construction sites nearby

Weather condition: Clear

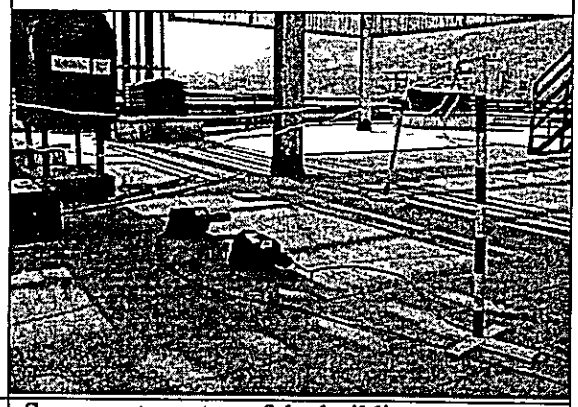
Wind condition:
windy

Special comments:
Sarv apartment complex

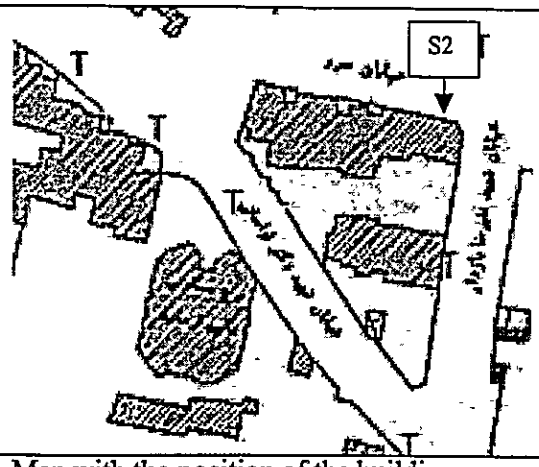
Dimensions (L x W x H):
21.2m x 19.2m x 51.2m

View from SE direction

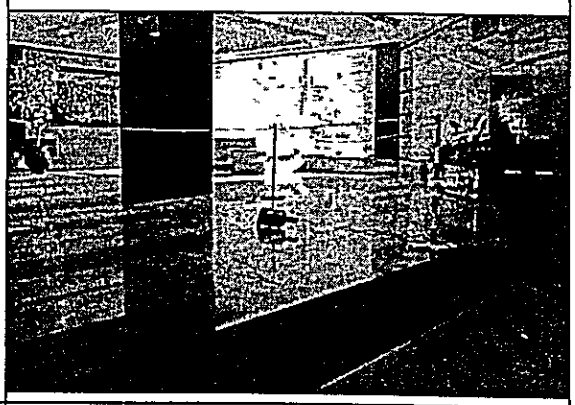
View from S direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.14 Field measuring form - S3

Site code: S3

Street address: Pardis St., Shiraz Ave.

Building type:
steel construction

No. of stories: 16

Shape of the building:
nearly square, complex

Date of measurement: 18/07/2000

Building condition: inhabited residential

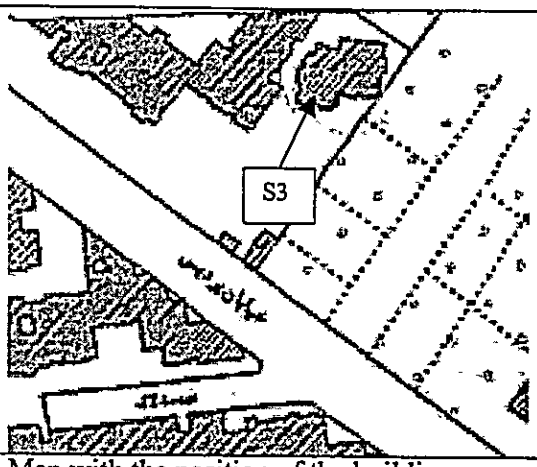
Seismic noise source conditions:
elevators stopped, air condition generators stopped, a small pump intermittently active on the ground floor

Weather condition: Clear

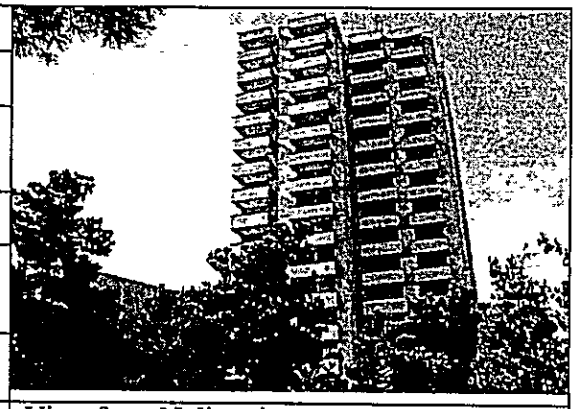
Wind condition:
slight wind, branches move

Special comments:

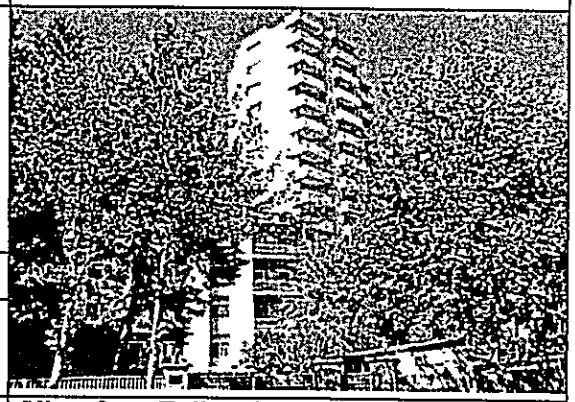
Dimensions (L x W x H):
22.0m x 17.0m x 50.0m



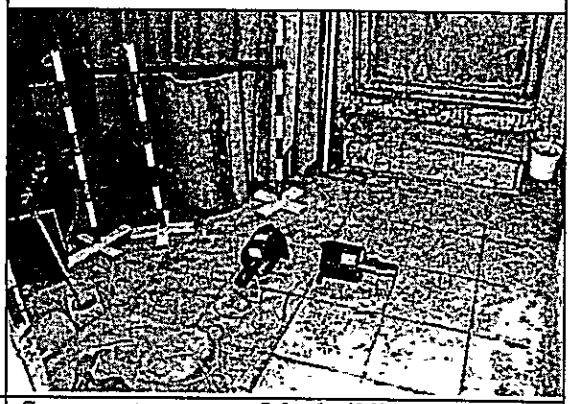
Map with the position of the building



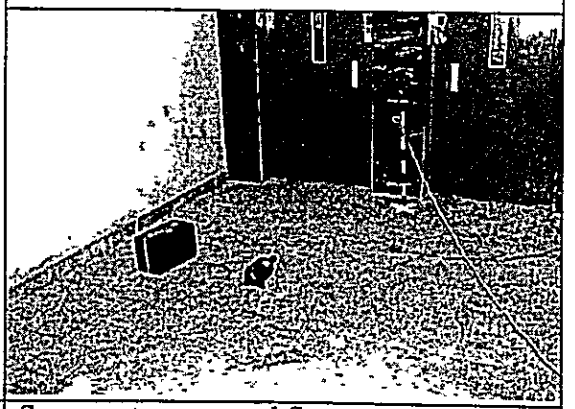
View from N direction



View from E direction



Sensor setup - top of the building



Sensor setup - ground floor

5.1.15 Field measuring form - S4

Site code: S4

Street address: Mofateh Ave.

Building type:
steel construction

No. of stories: 13

Shape of the building:
rectangular, elongated

Date of measurement: 22/07/2000

Building condition: inhabited residential

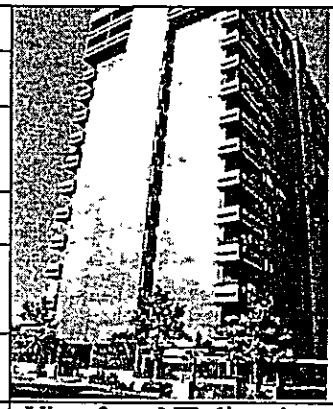
Seismic noise source conditions:
elevators stopped, air condition generators stopped

Weather condition: Clear

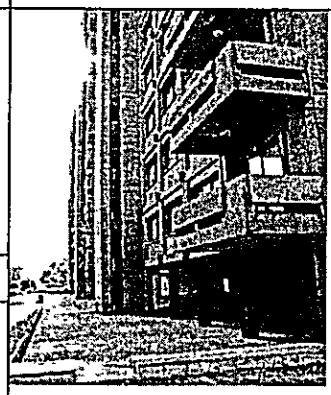
Wind condition:
slight wind, branches move

Special comments:
Farihan apartment complex

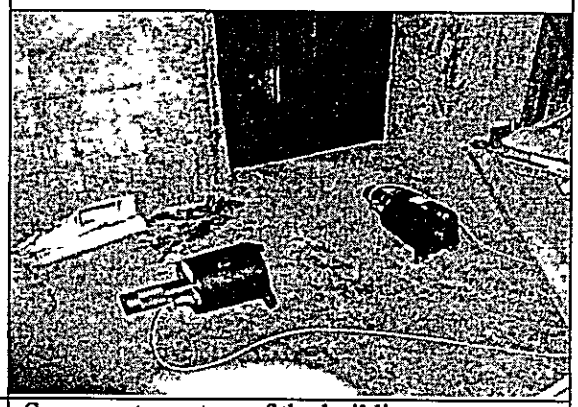
Dimensions (L x W x H):
28.0m x 15.2m x 39.2m



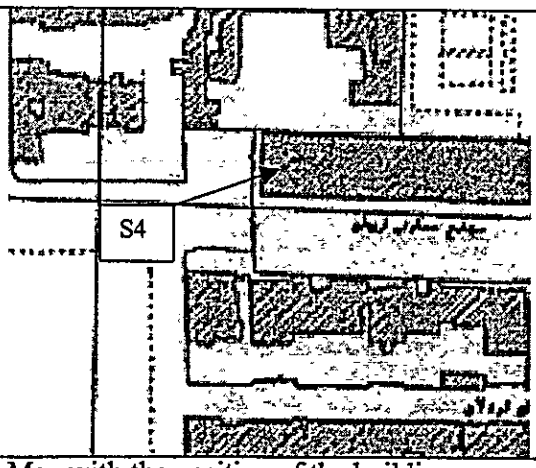
View from NE direction



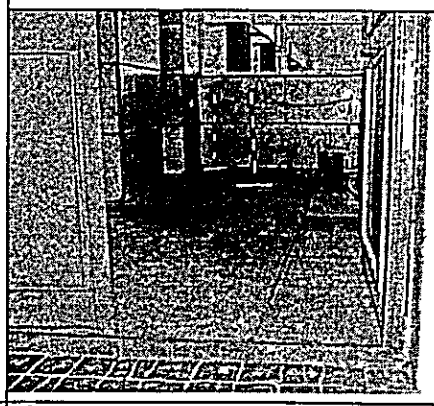
View from NW direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.16 Field measuring form - S5

Site code: S5

Street address: Saleh Hosseini St., Darous

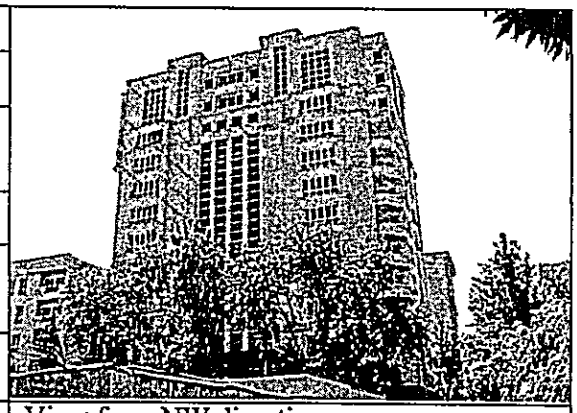
Building type:
steel construction

No. of stories: 12

Shape of the building:
rectangular, elongated

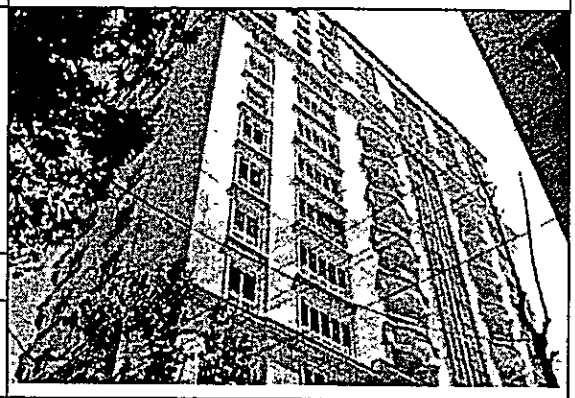
Date of measurement: 16/07/2000

Building condition: inhabited residential



View from NW direction

Seismic noise source conditions:
elevators stopped, air condition generators stopped, some residents passed ground floor measuring site while measuring



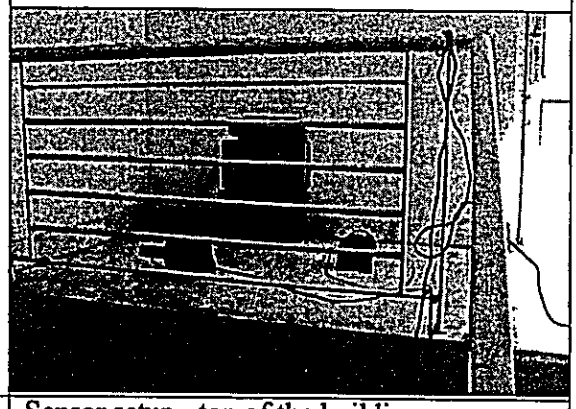
View from SW direction

Weather condition: Clear

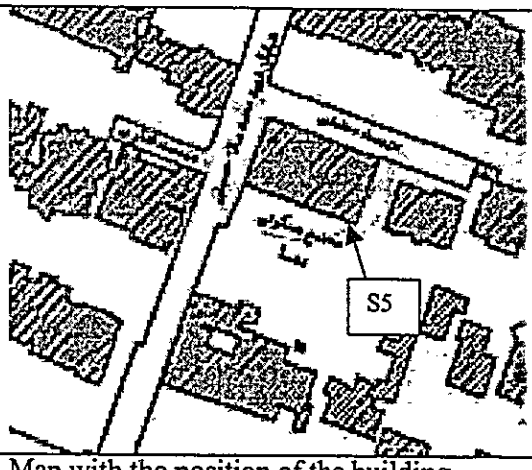
Wind condition:
slight wind, branches move

Special comments: WARNING
By a mistake vertical and longitudinal direction of the building was determined incorrectly. Therefore 'longitudinal' data channels (s5m2ch2 and s5m3ch3) were actually transversal and 'transversal' data channels (s5m2ch3 and s5m3ch3) were actually longitudinal.

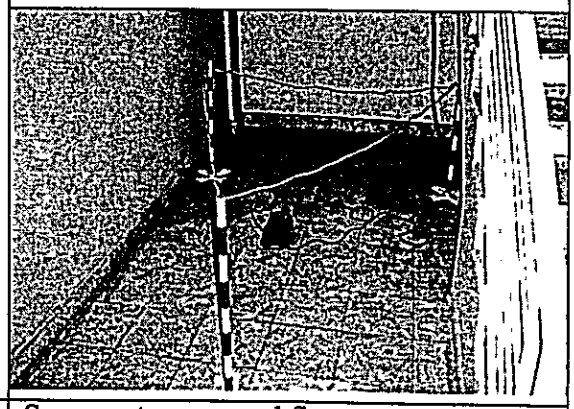
Dimensions (L x W x H):
36.2m x 20.0m x 41.5m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.17 Field measuring form - S6

Site code: S6

Street address: 1240 Shariati Ave.

Building type:
steel construction

No. of stories: 11

Shape of the building:
complex, three rectangular section

Date of measurement: 19/07/2000

Building condition: inhabited residential

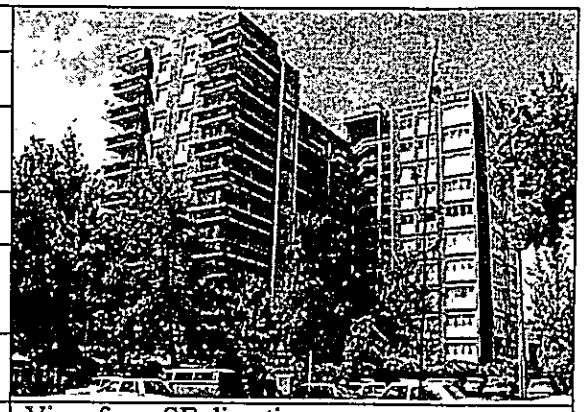
Seismic noise source conditions:
elevators stopped, air condition generators stopped

Weather condition: Clear

Wind condition:
slight wind, branches move

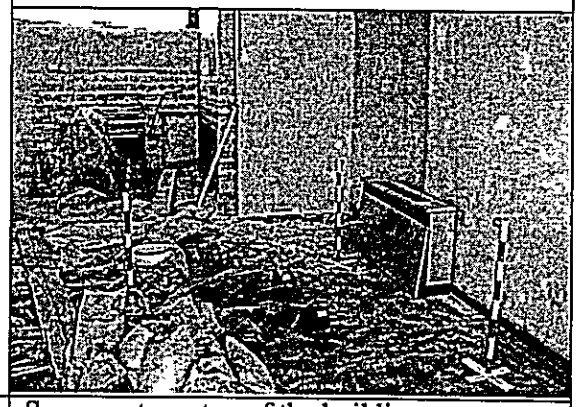
Special comments:

Dimensions (L x W x H):
21.4m x 12.4m x 31.0m

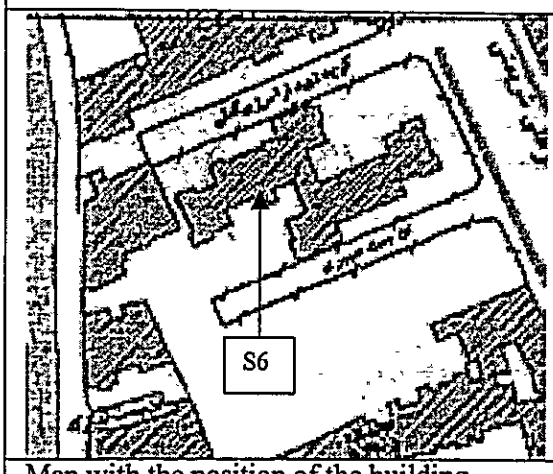


View from SE direction

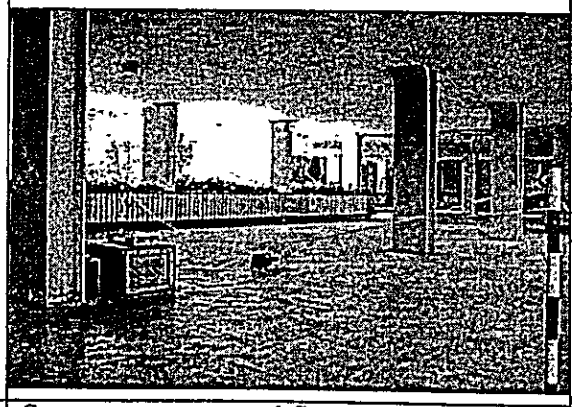
View from W direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.18 Field measuring form - S7

Site code: S7

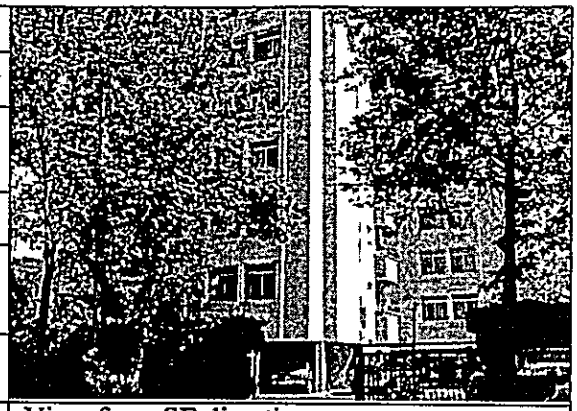
Street address: 6th St., Shahnazari, Mirdamad

Building type:
steel construction

No. of stories: 8

Shape of the building:
rectangular, complex

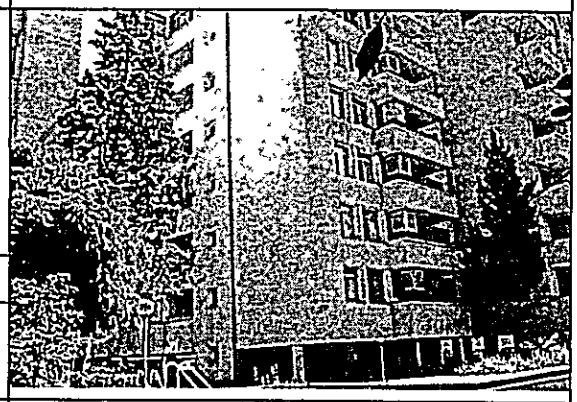
Date of measurement: 21/07/2000



Building condition: inhabited residential

View from SE direction

Seismic noise source conditions:
elevators stopped, air condition generators stopped



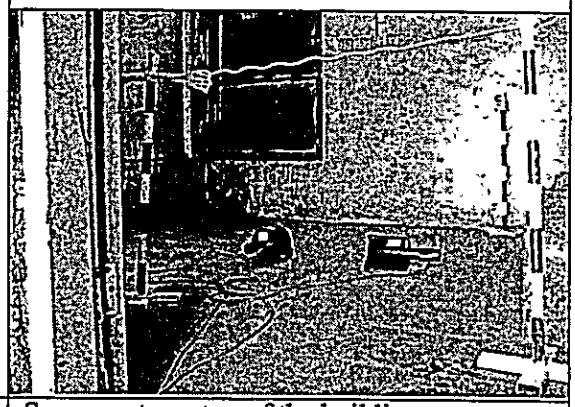
Weather condition: Clear

Wind condition:
no wind

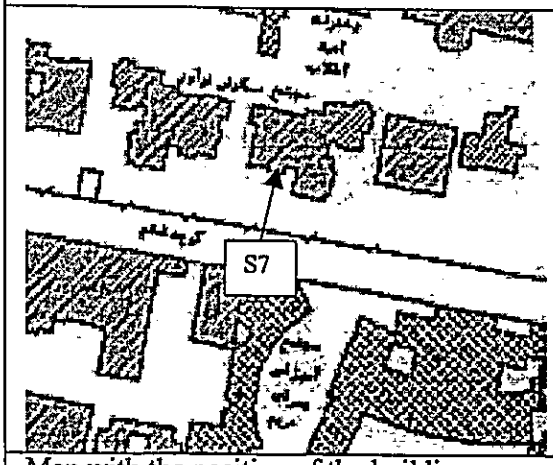
View from SW direction

Special comments:
No-Avar apartment complex

Dimensions (L x W x H):
35.0m x 16.0m x 24.1m



Sensor setup - top of the building



Map with the position of the building

Sensor setup - ground floor

5.1.19 Field measuring form - S11

Site code: S11

Street address: Ketabi St., Gheytarieh

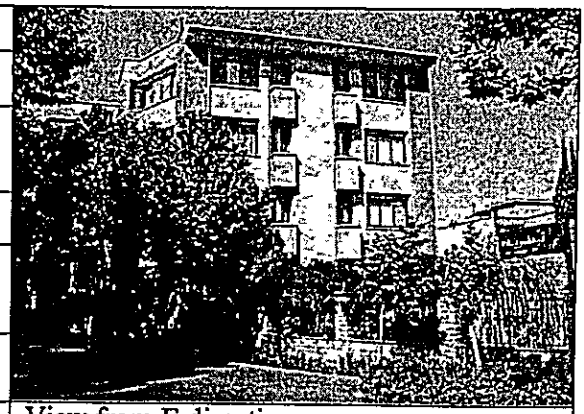
Building type:
steel construction

No. of stories: 5

Shape of the building:
nearly trapezoidal, complex

Date of measurement: 20/07/2000

Building condition: inhabited residential



View from E direction

Seismic noise source conditions:
elevators stopped, air condition generators stopped; very busy street next to the building (trucks passing); a car drove into parking while measuring

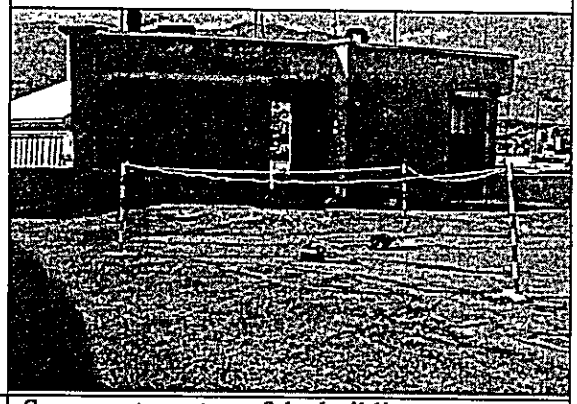
Weather condition: Clear

Wind condition:
slightly windy

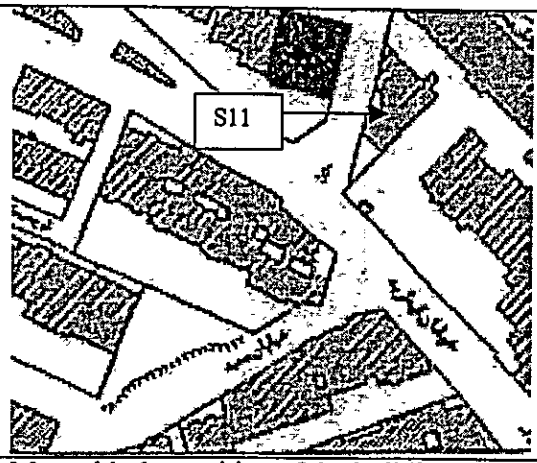
View from SW direction

Special comments:

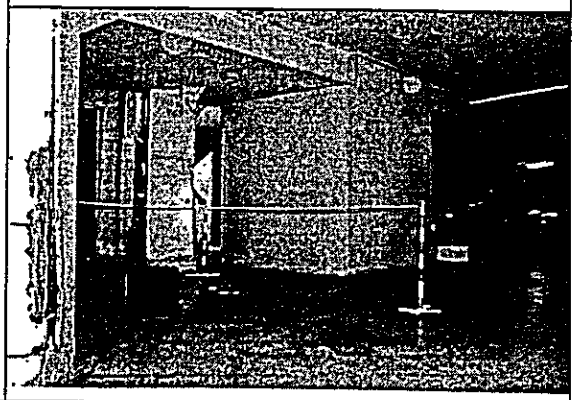
Dimensions (L x W x H):
13.5m x 11.1m x 15.3m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.20 Field measuring form - S13

Site code: S13

Street address: Golbarg Ave.

Building type:
steel construction

No. of stories: 4

Shape of the building:
rectangular, elongated

Date of measurement: 20/07/2000

Building condition: inhabited residential

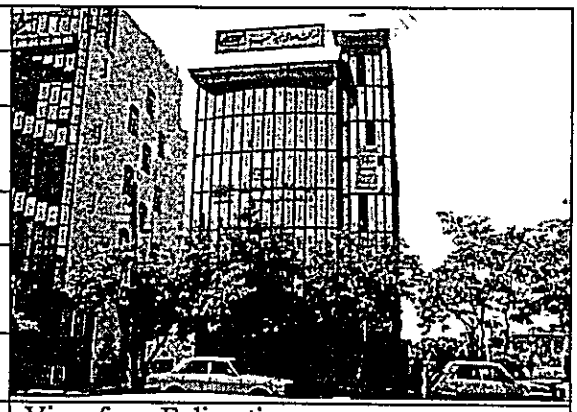
Seismic noise source conditions:
no elevators, air condition off, very busy street next to the building

Weather condition: Clear

Wind condition:
slight wind, branches move

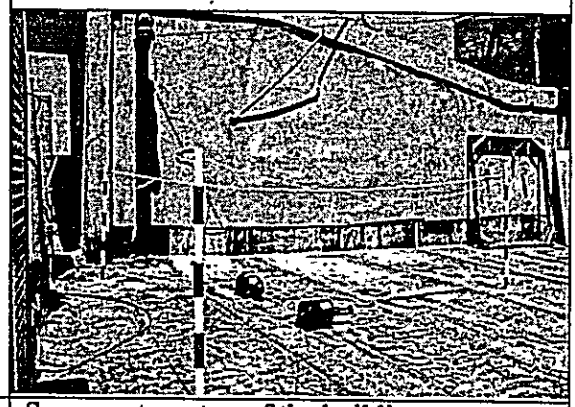
Special comments:

Dimensions (L x W x H):
12m x 8.0m x 12.1m

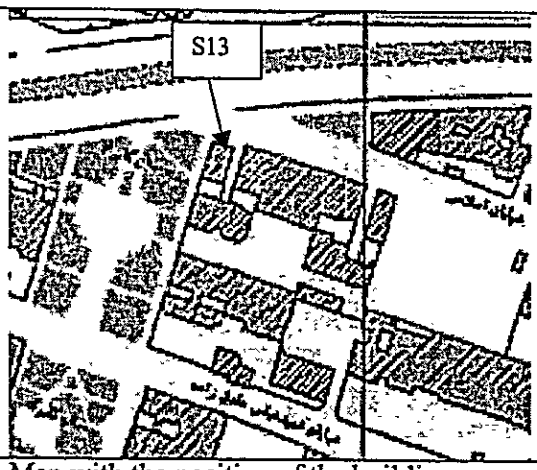


View from E direction

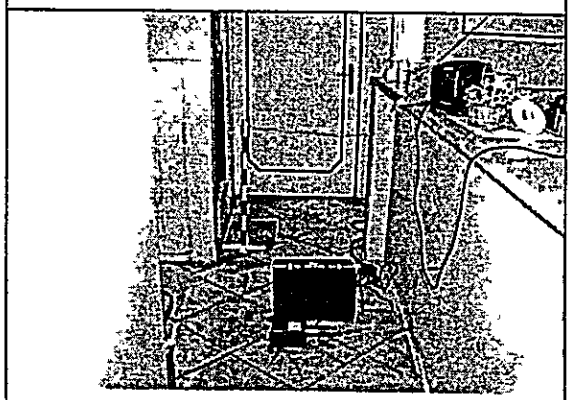
View from N direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.21 Field measuring form - S14

Site code: S14

Street address: Zokaie St., Shariati Ave.

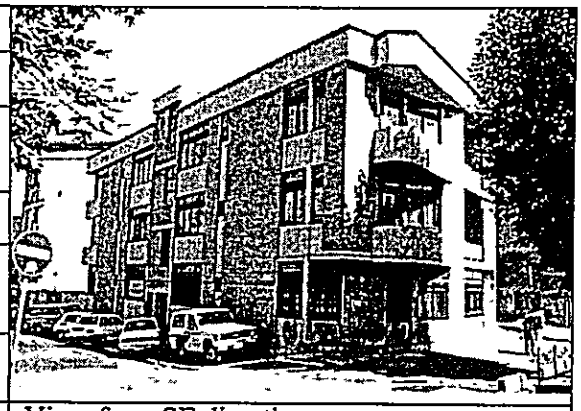
Building type:
steel construction

No. of stories: 3

Shape of the building:
rectangular, elongated

Date of measurement: 19/07/2000

Building condition: inhabited office building

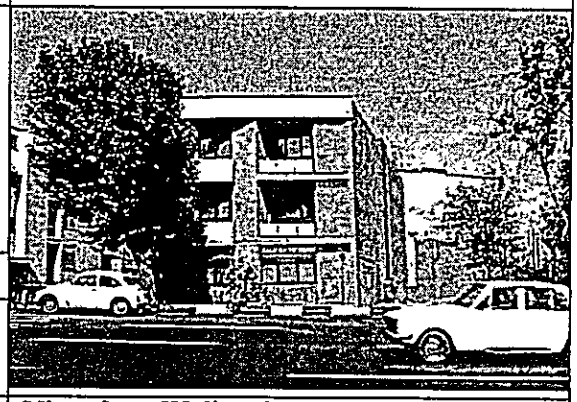


View from SE direction

Seismic noise source conditions:
no elevators, air condition generators stopped

Weather condition: Clear

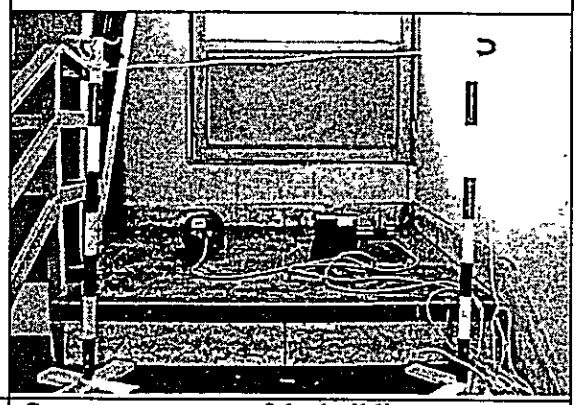
Wind condition:
slight wind, branches move



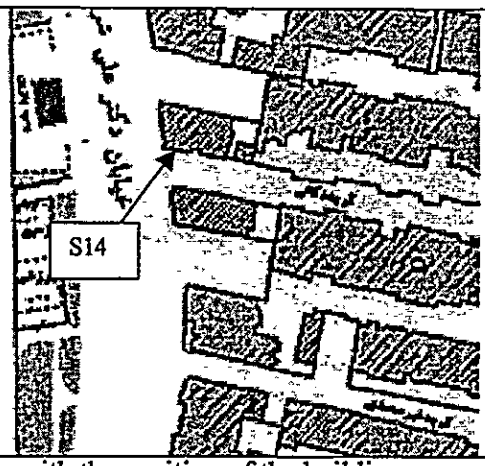
View from W direction

Special comments:

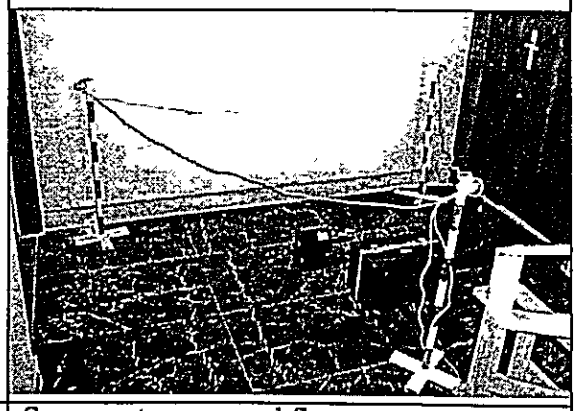
Dimensions (L x W x H):
24.1m x 11.3m x 9.0m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.22 Field measuring form - M1

Site code: M1

Street address: Ghorbanali St., Majidieh

Building type:
masonry construction

No. of stories: 2

Shape of the building:
rectangular

Date of measurement: 26/07/2000

Building condition: inhabited residential

Seismic noise source conditions:
no elevators, air condition generators stopped; some construction works nearby

Weather condition: Clear

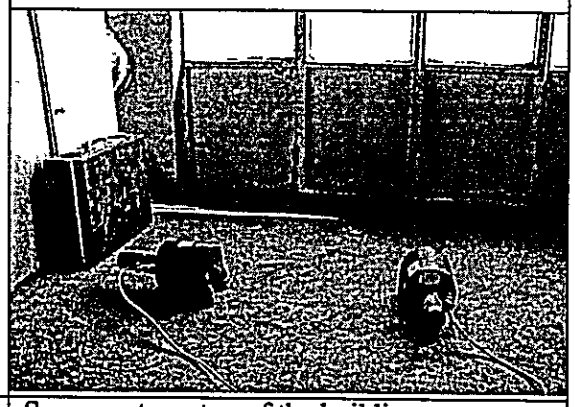
Wind condition:
no wind

Special comments:

Dimensions (L x W x H):
10.7m x 9.0m x 5.8m

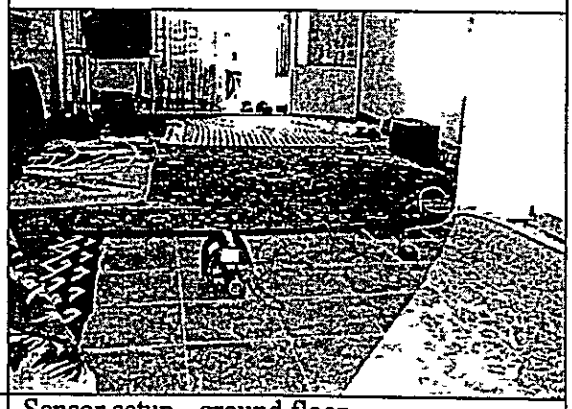
View from NE direction

View from SE direction



Sensor setup - top of the building

Map with the position of the building



Sensor setup - ground floor

5.1.23 Field measuring form - M2

Site code: M2

Street address: Nejatollahi St., Somayeh St.

Building type:
masonry construction

No. of stories: 3

Shape of the building:
Rectangular, complex

Date of measurement: 27/07/2000

Building condition: office building

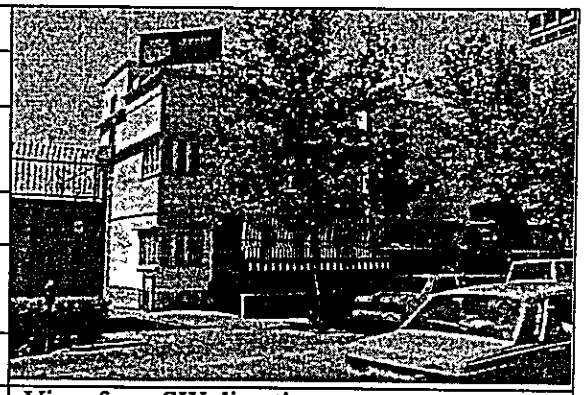
Seismic noise source conditions:
no elevators, air condition stopped

Weather condition: Clear

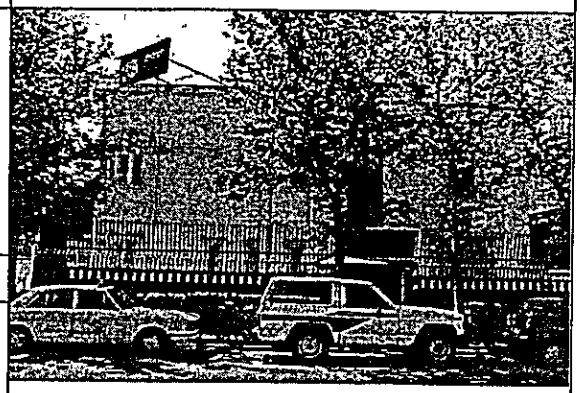
Wind condition:
slight wind

Special comments:

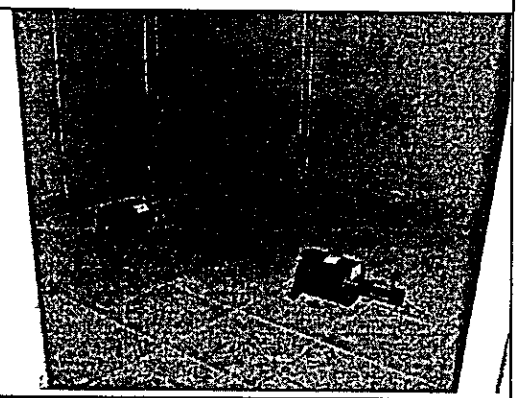
Dimensions (L x W x H):
15.1m x 13.3m x 10.6m



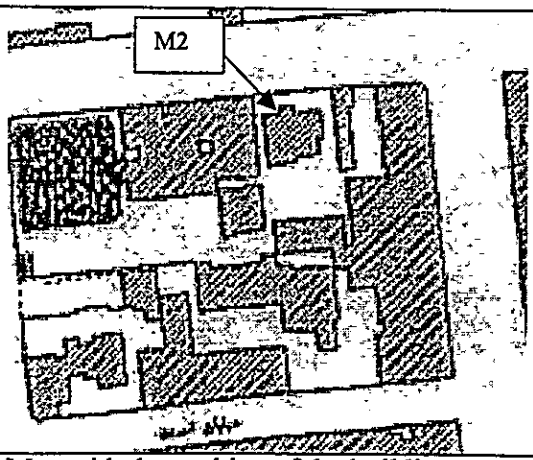
View from SW direction



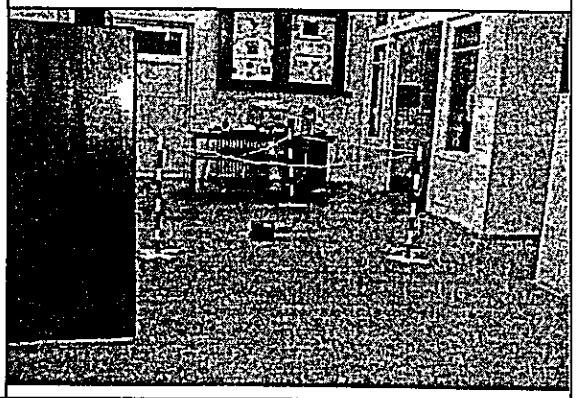
View from S direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.24 Field measuring form - M3

Site code: M3

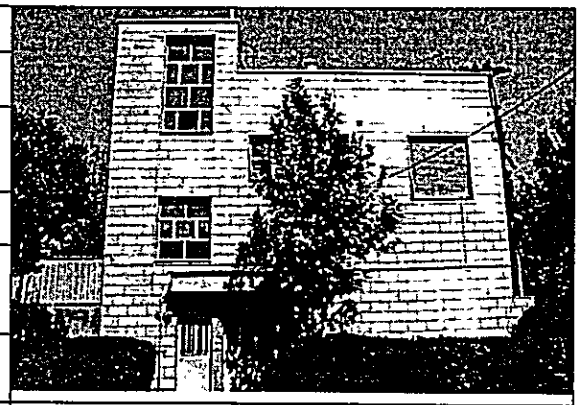
Street address: Amirnia St., Majidieh

Building type:
masonry construction

No. of stories: 2

Shape of the building:
rectangular

Date of measurement: 27/07/2000



Building condition: inhabited residential

View from E direction

Seismic noise source conditions:
no elevators, air condition generators stopped, inhabitants walked at the 2 to 3 m distance near sensor

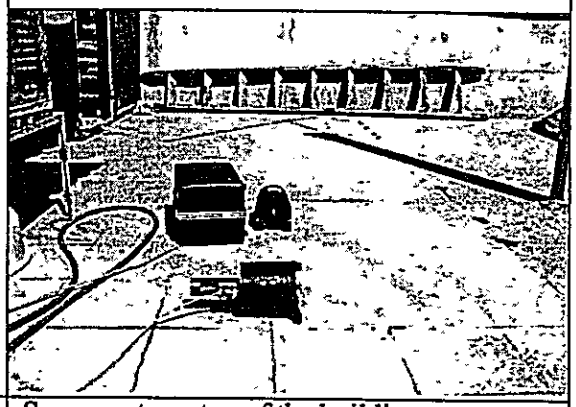
Weather condition: Clear

Wind condition:
windy

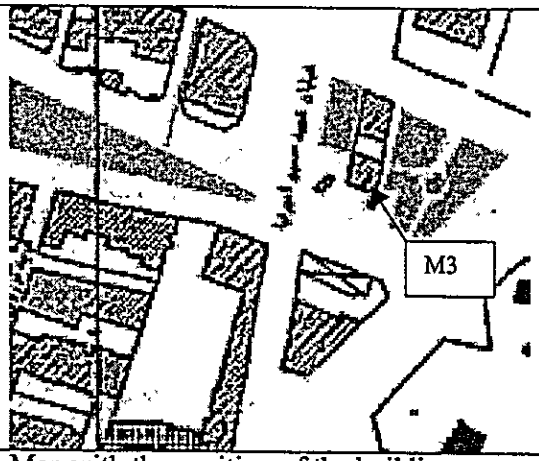
View from SE direction

Special comments:

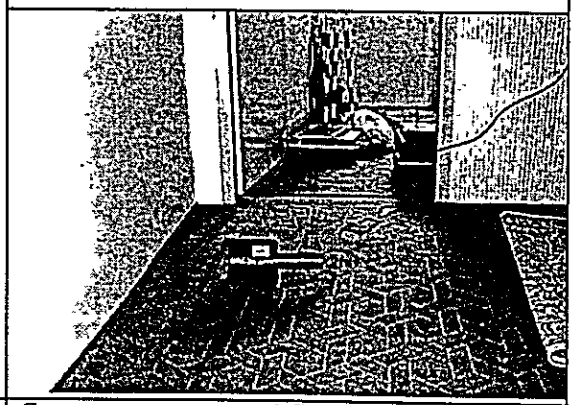
Dimensions (L x W x H):
9.0m x 9.0m x 6.0m



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.25 Field measuring form - M4

Site code: M4

Street address: Baharestan Sq.

Building type:
masonry construction

No. of stories: 6

Shape of the building:
rectangular, very complex

Date of measurement: 27/07/2000

Building condition: office building

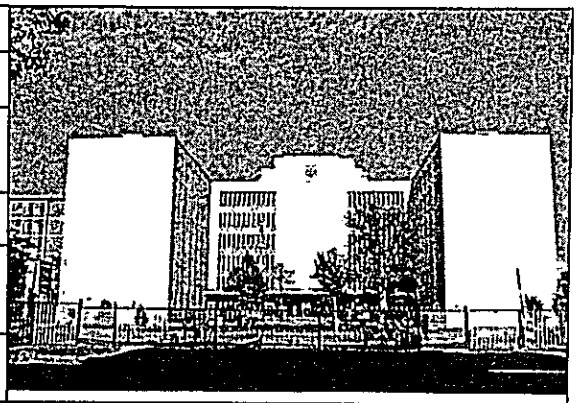
Seismic noise source conditions:
elevators stopped, air condition generators stopped; employees walked nearby sensors at 2 to 3 m distance

Weather condition: Clear

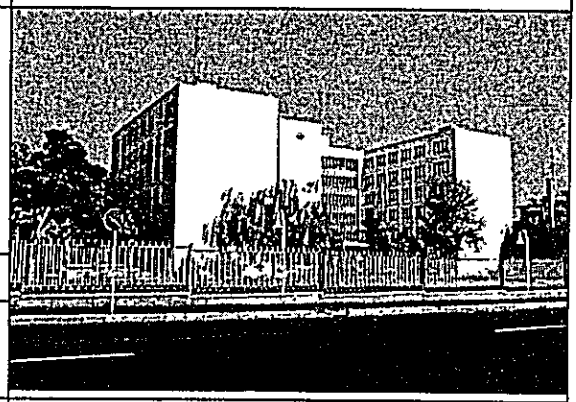
Wind condition:
no wind

Special comments:

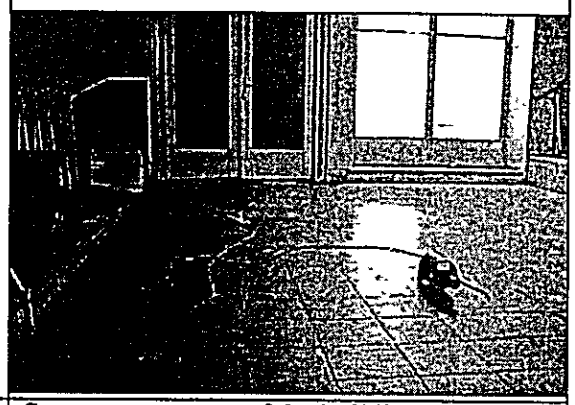
Dimensions (L x W x H):
68.3m x 40.5m x 19.2m



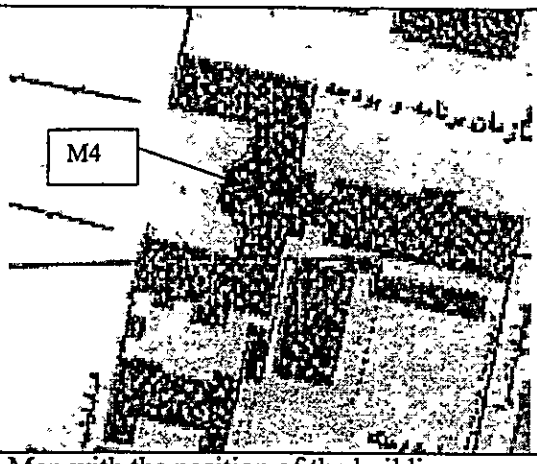
View from E direction



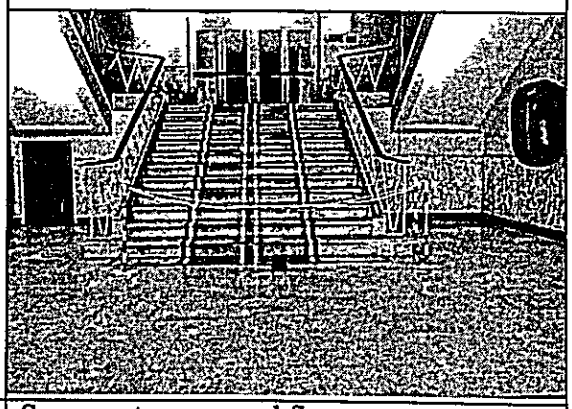
View from SE direction



Sensor setup - top of the building



Map with the position of the building



Sensor setup - ground floor

5.1.0 Field measuring form - CEST

Site code: CEST

Street address: Padidar St., Africa Ave.

Building type: Steel Construction

No. of stories: 7

Shape of the building:
rectangular, elongated, bounded

Date of measurement: 17/07/2000

Building condition: inhabited office building

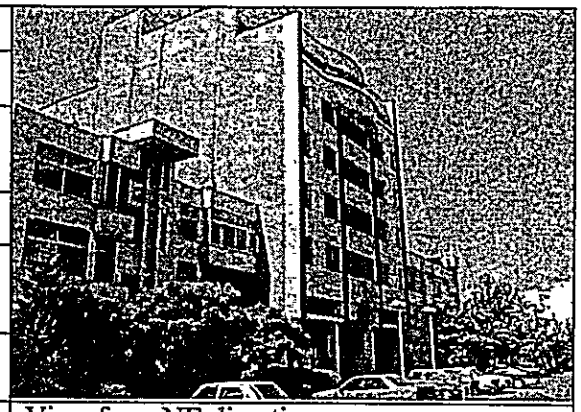
Seismic noise source conditions:
elevators stopped, air condition generators stopped

Weather condition: Clear

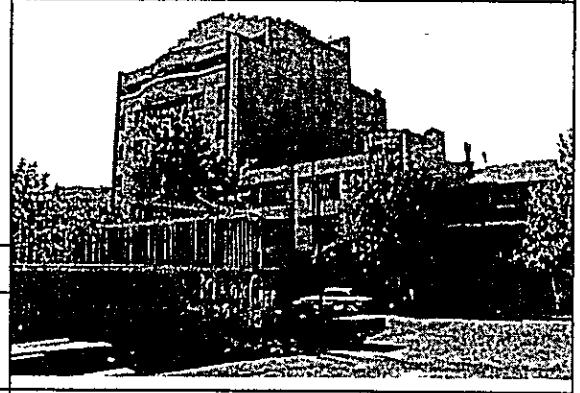
Wind condition:
no wind

Special comments:
The building is not stand alone type.

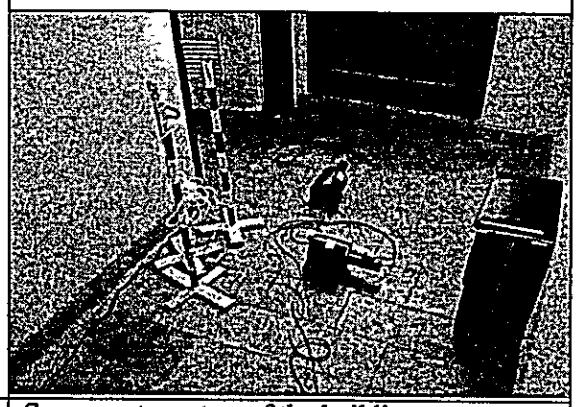
Dimensions (L x W x H):
26.5m x 14.5m x 21m



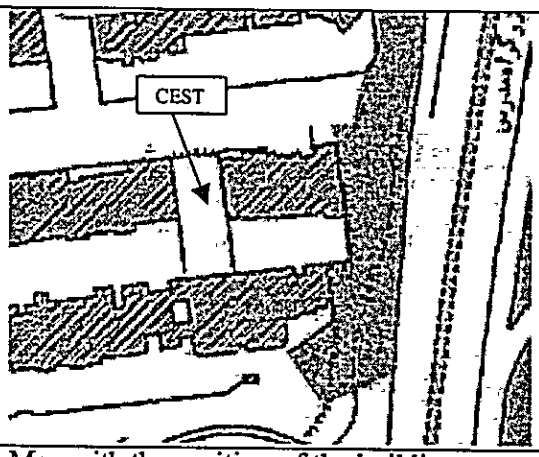
View from NE direction



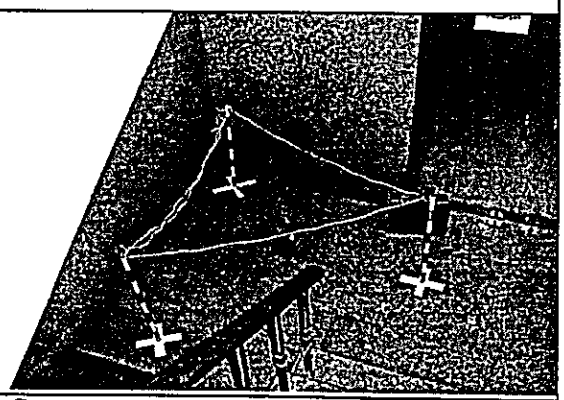
View from NW direction



Sensor setup - top of the building

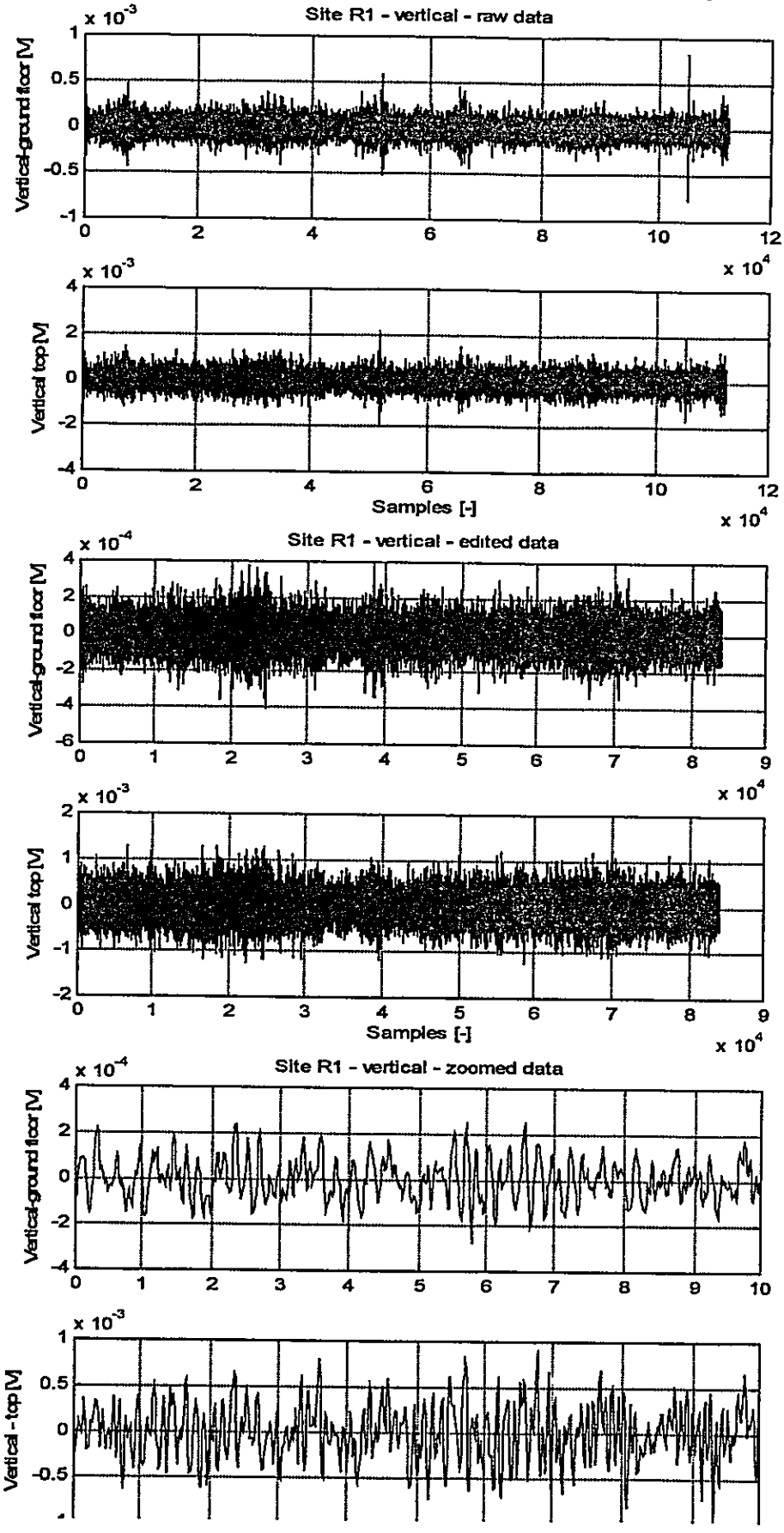


Map with the position of the building



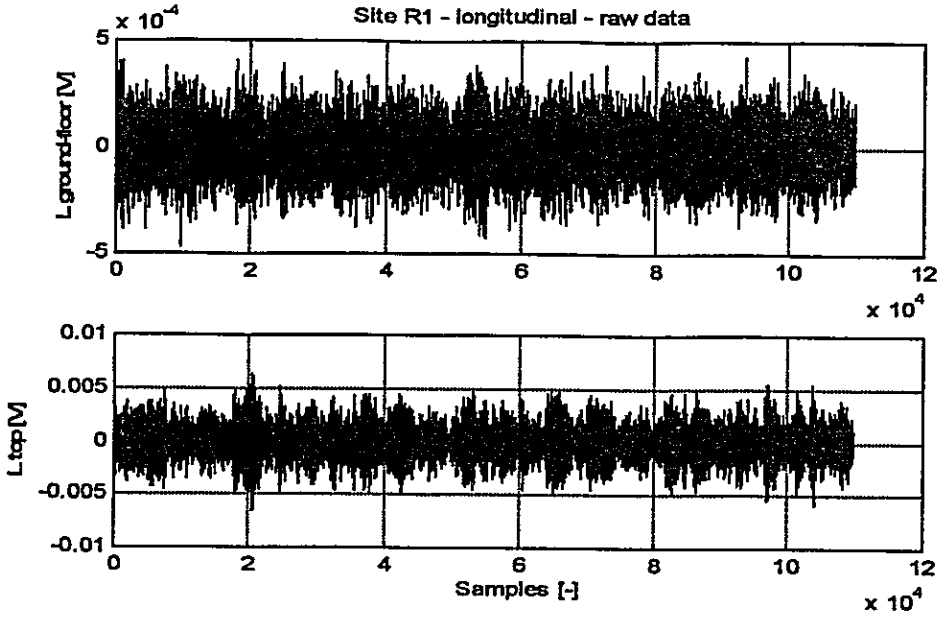
Sensor setup - ground floor

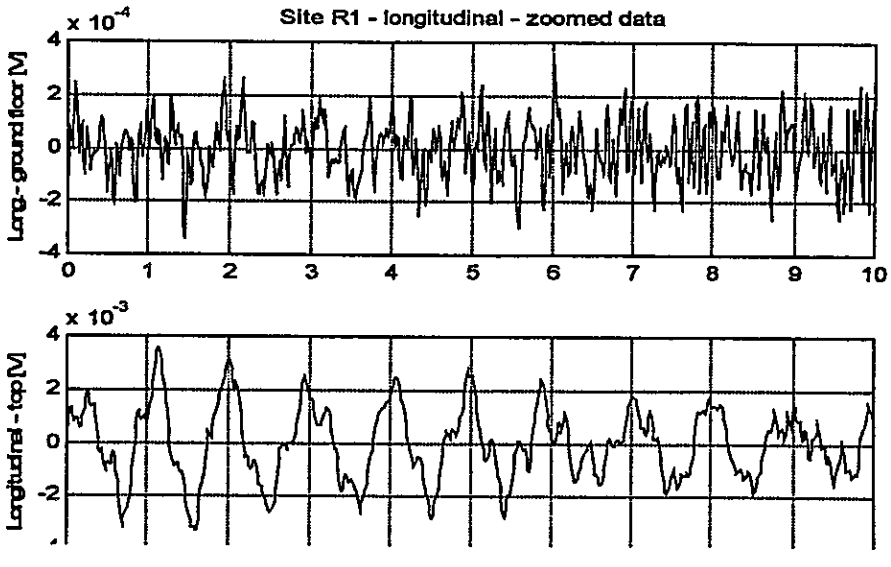
5.2.x Site R1 - raw total, edited, and zoomed data and MatLab's editing details



MatLab raw data editing details. Vertical data.

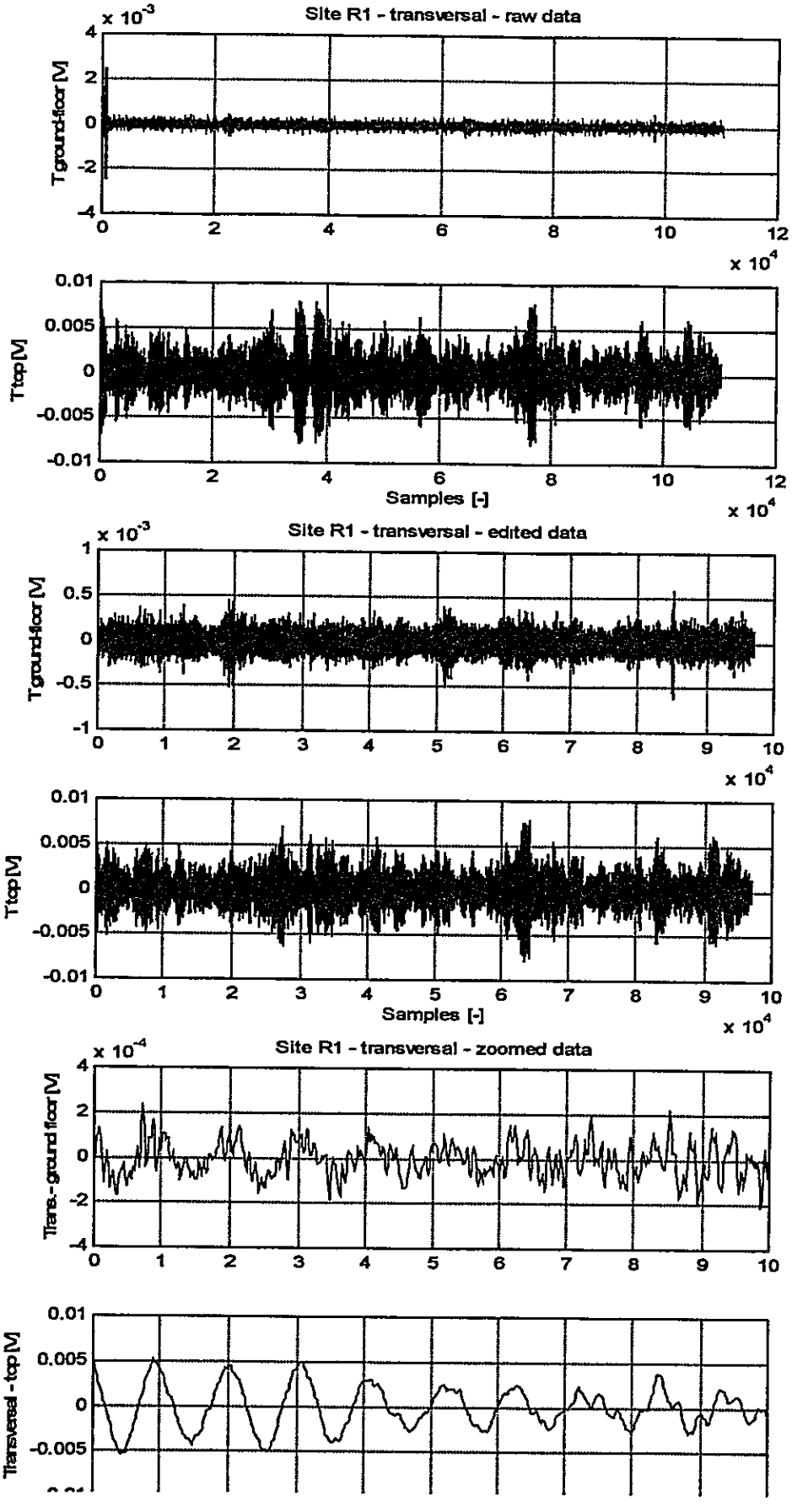
```
» load c:\iran00\data\site_r1\r1m1ch1.001
» load c:\iran00\data\site_r1\r1m1ch2.002
» p2v(r1m1ch1,r1m1ch2)

» er1m1ch1=[r1m1ch1(10000:50000);r1m1ch1(53000:62000);r1m1ch1(68000:103000)];
» er1m1ch2=[r1m1ch2(10000:50000);r1m1ch2(53000:62000);r1m1ch2(68000:103000)];
» p2v(er1m1ch1,er1m1ch2)

» save c:\iran00\temp\er1m1ch1.dat er1m1ch1 /ascii
» save c:\iran00\temp\er1m1ch2.dat er1m1ch2 /ascii
```


Site R1 - longitudinal - raw data
x 10^-4
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4


Site R1 - longitudinal - zoomed data
x 10^-4
Long - ground floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

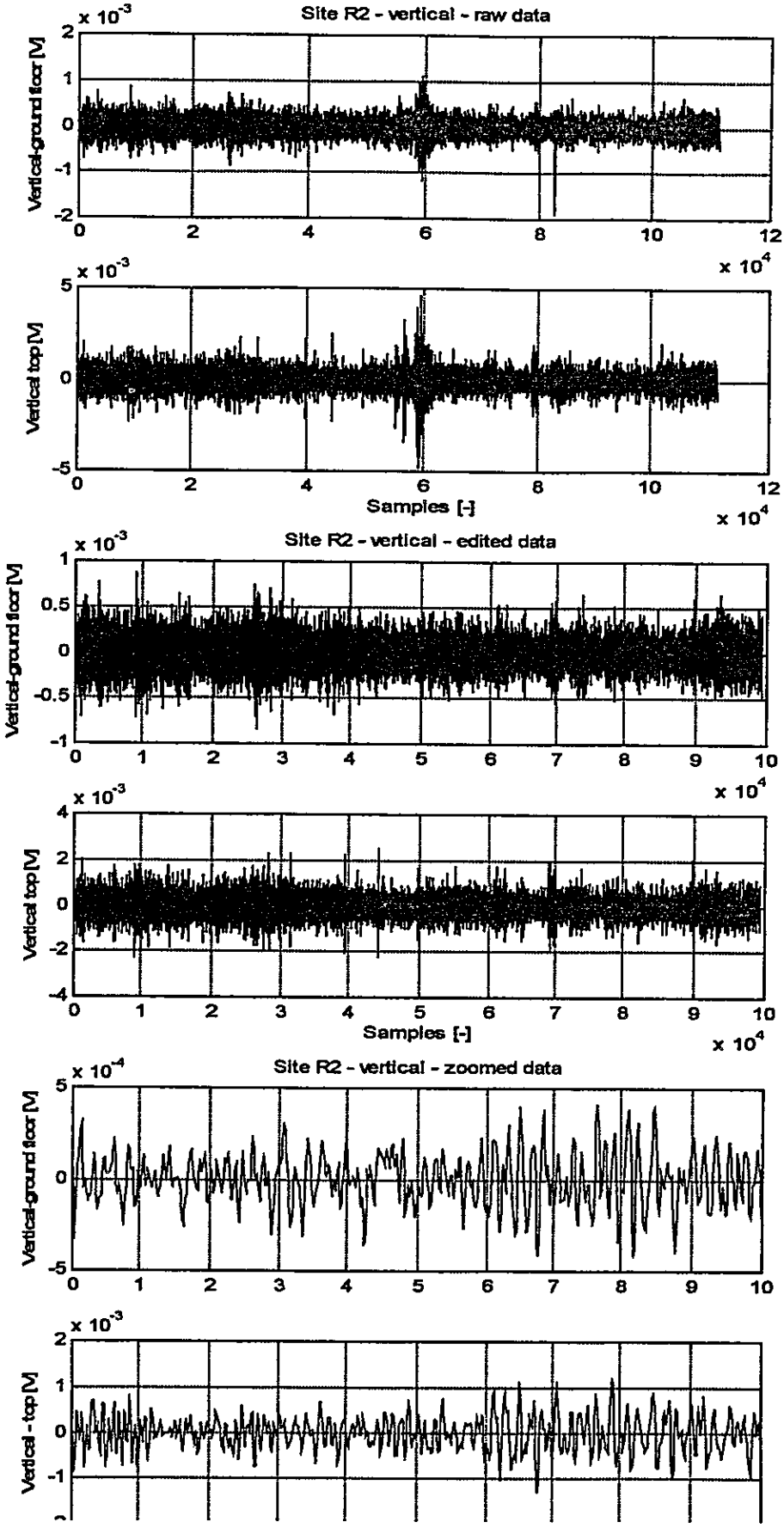
```
» load c:\iran00\data\site_r1\r1m2ch1.001
» load c:\iran00\data\site_r1\r1m2ch2.002
» p2l(r1m2ch1,r1m2ch2)

» er1m2ch1=r1m2ch1;
» er1m2ch2=r1m2ch2;

» save c:\iran00\temp\er1m2ch1.dat er1m2ch1 /ascii
» save c:\iran00\temp\er1m2ch2.dat er1m2ch2 /ascii
```


Site R1 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
Site R1 - transversal - edited data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
Site R1 - transversal - zoomed data
x 10^-4
Trans.-ground floor [V]
Transversal - top [V]

MatLab raw data editing details. Transversal data.

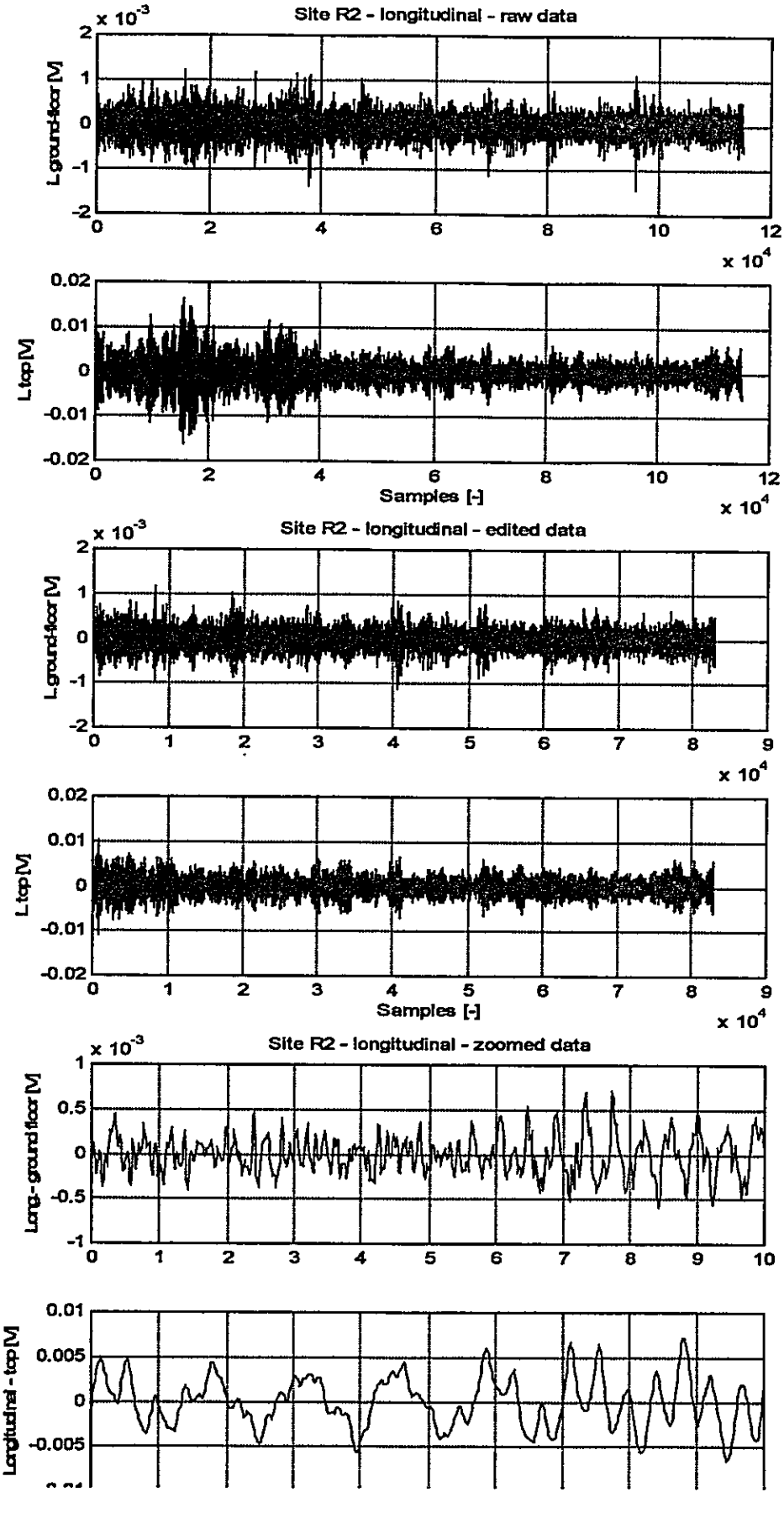
```
» load c:\iran00\data\site_r1\r1m3ch1.001
» load c:\iran00\data\site_r1\r1m3ch3.003
» p2t(r1m3ch1,r1m3ch3)

» er1m3ch1=[r1m3ch1(3000:34000);r1m3ch1(40000:53000);
r1m3ch1(57000:length(r1m3ch1))];
» er1m3ch3=[r1m3ch3(3000:34000);r1m3ch3(40000:53000);
r1m3ch3(57000:length(r1m3ch3))];
» p2t(er1m3ch1,er1m3ch3)

» save c:\iran00\temp\er1m3ch1.dat er1m3ch1 /ascii
» save c:\iran00\temp\er1m3ch3.dat er1m3ch3 /ascii
```

5.2.x Site R2 - raw total, edited, and zoomed data and MatLab's editing details



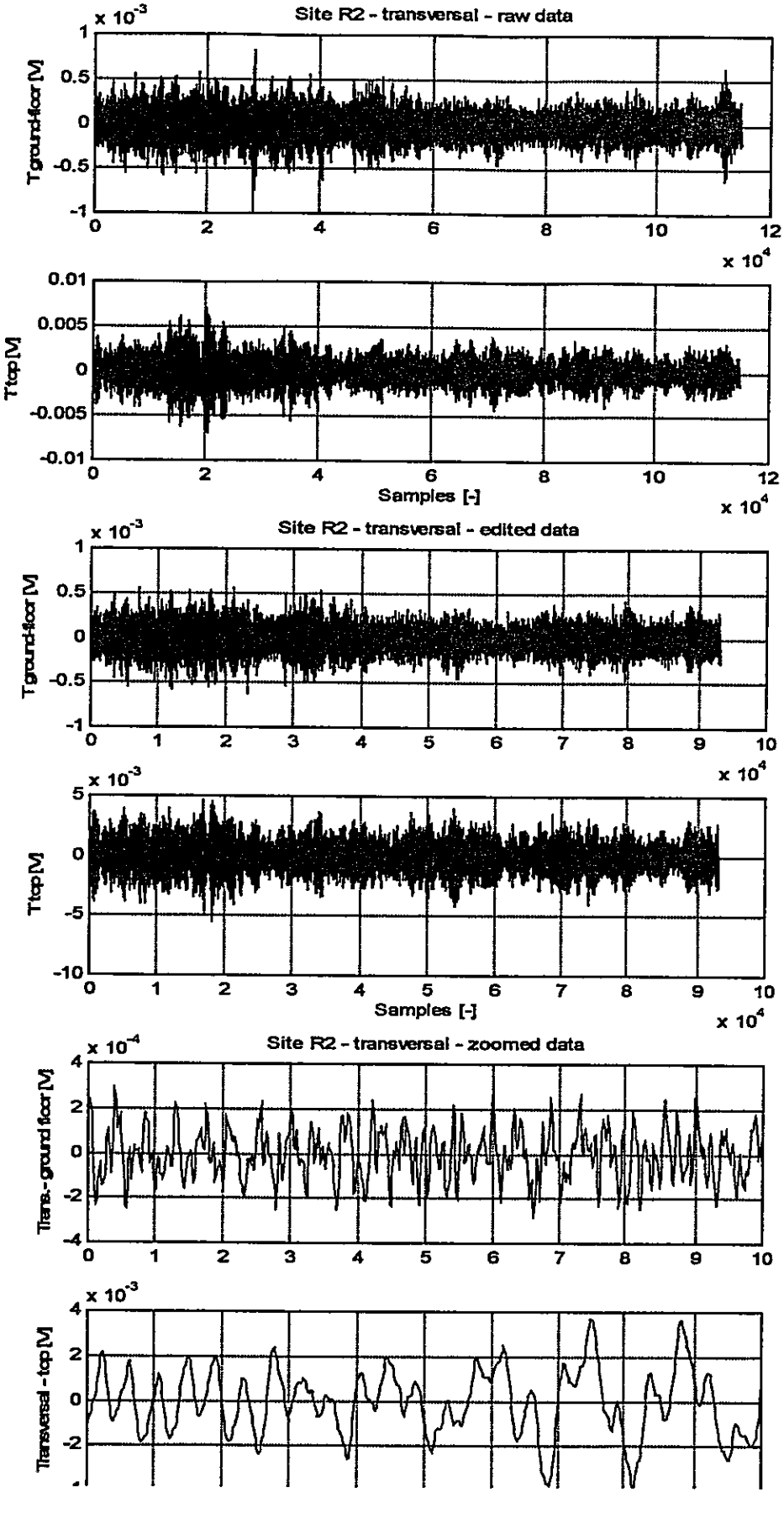
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r2\r2m1ch1.001
» load c:\iran00\data\site_r2\r2m1ch2.002
» p2v(r2m1ch1,r2m1ch2)

» er2m1ch1=[r2m1ch1(1:54000);r2m1ch1(64000:82000);r2m1ch1(84000:length(r2m1ch1))];
» er2m1ch2=[r2m1ch2(1:54000);r2m1ch2(64000:82000);r2m1ch2(84000:length(r2m1ch2))];
» p2v(er2m1ch1,er2m1ch2)

» save c:\iran00\temp\er2m1ch1.dat er2m1ch1 /ascii
» save c:\iran00\temp\er2m1ch2.dat er2m1ch2 /ascii
```


Site R2 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4
Site R2 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4
Site R2 - longitudinal - zoomed data
x 10^-3
Long - ground-floor [V]
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

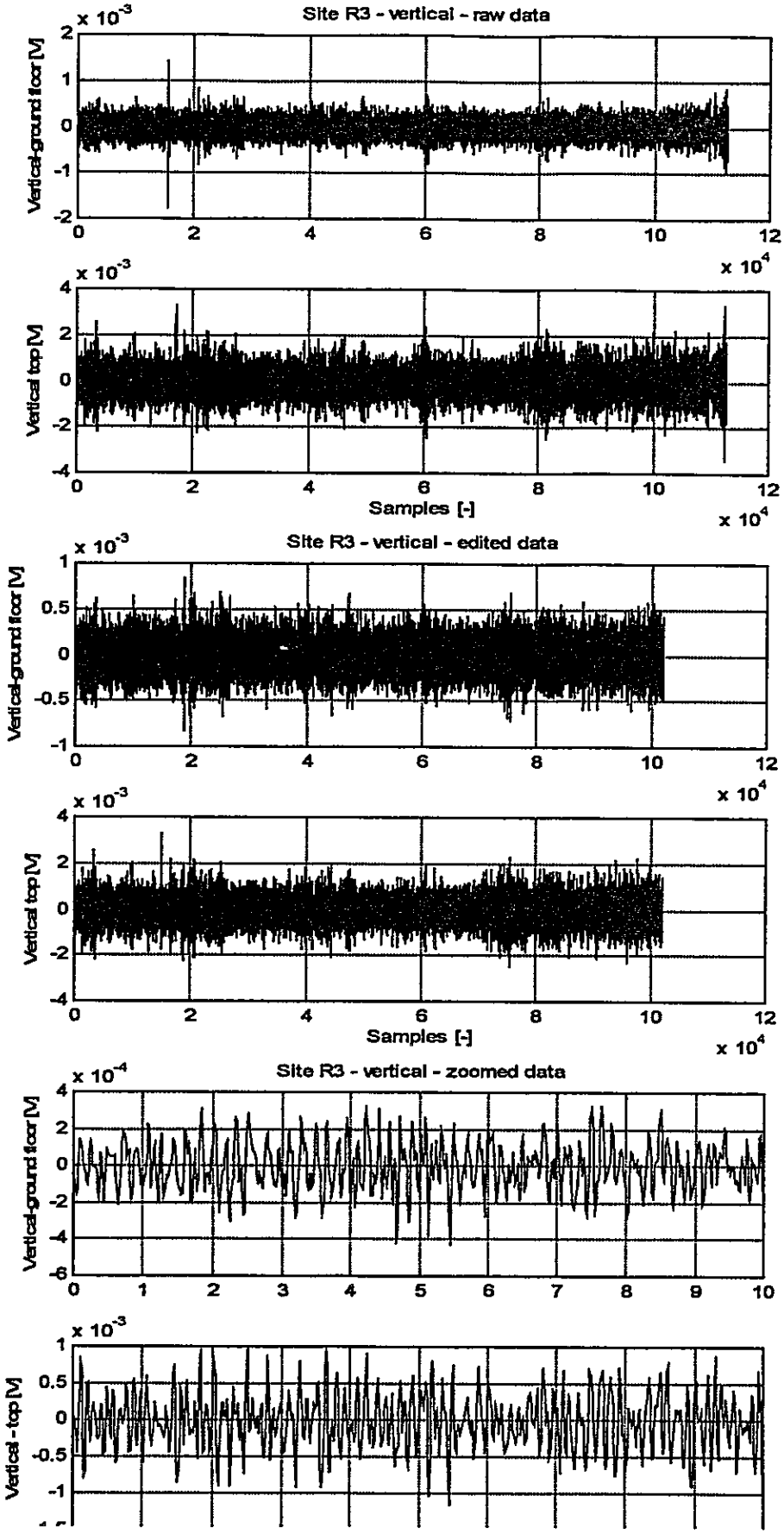
```
» load c:\iran00\data\site_r2\r2m2ch1.001
» load c:\iran00\data\site_r2\r2m2ch2.002
» p2v(r2m2ch1,r2m2ch2)
» er2m2ch1 =
[r2m2ch1(20000:29000);r2m2ch1(38000:94000);r2m2ch1(97000:length(r2m2ch1))];
» er2m2ch2 =
[r2m2ch2(20000:29000);r2m2ch2(38000:94000);r2m2ch2(97000:length(r2m2ch2))];
  » p2v(er2m2ch1,er2m2ch2)

» save c:\iran00\temp\er2m2ch1.dat er2m2ch1 /ascii
» save c:\iran00\temp\er2m2ch2.dat er2m2ch2 /ascii
```


Site R2 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
x 10^4
Site R2 - transversal - edited data
x 10^-3
Tground-floor [V]
x 10^4
x 10^-3
Ttop [V]
Samples [-]
x 10^4
Site R2 - transversal - zoomed data
x 10^-4
Trans.-ground floor [V]
x 10^-3
Transversal - top [V]

MatLab raw data editing details. Transversal data.

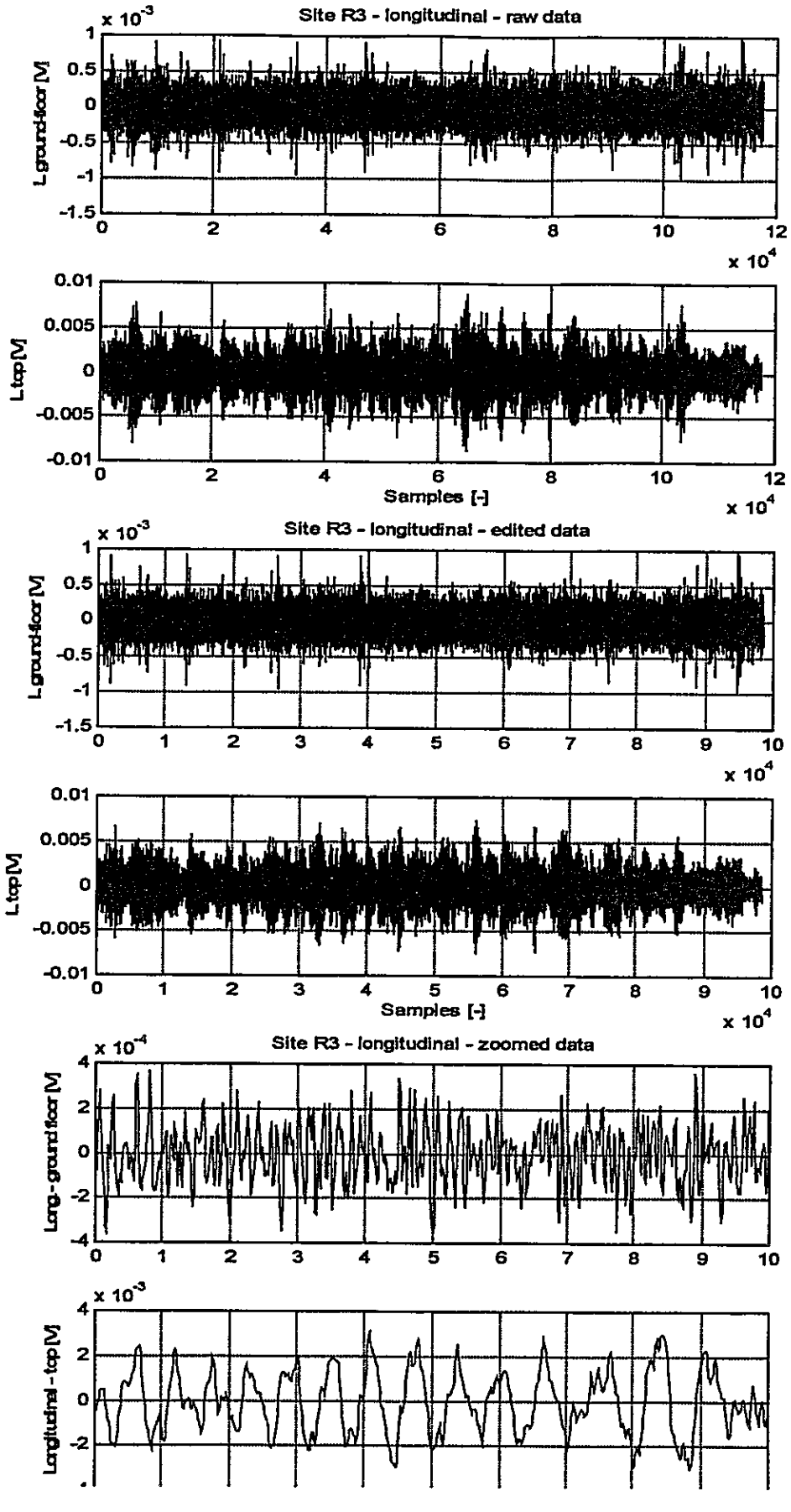
```
» load c:\iran00\data\site_r2\r2m3ch1.001
» load c:\iran00\data\site_r2\r2m3ch3.003
» p2t(r2m3ch1,r2m3ch3)

» er2m3ch1=[r2m3ch1(1:13000);r2m3ch1(30000:110000)];
» er2m3ch3=[r2m3ch3(1:13000);r2m3ch3(30000:110000)];
» p2t(er2m3ch1,er2m3ch3)

» save c:\iran00\temp\er2m3ch1.dat er2m3ch1 /ascii
» save c:\iran00\temp\er2m3ch3.dat er2m3ch3 /ascii
```

5.2.x Site R3 - raw total, edited, and zoomed data and MatLab's editing details



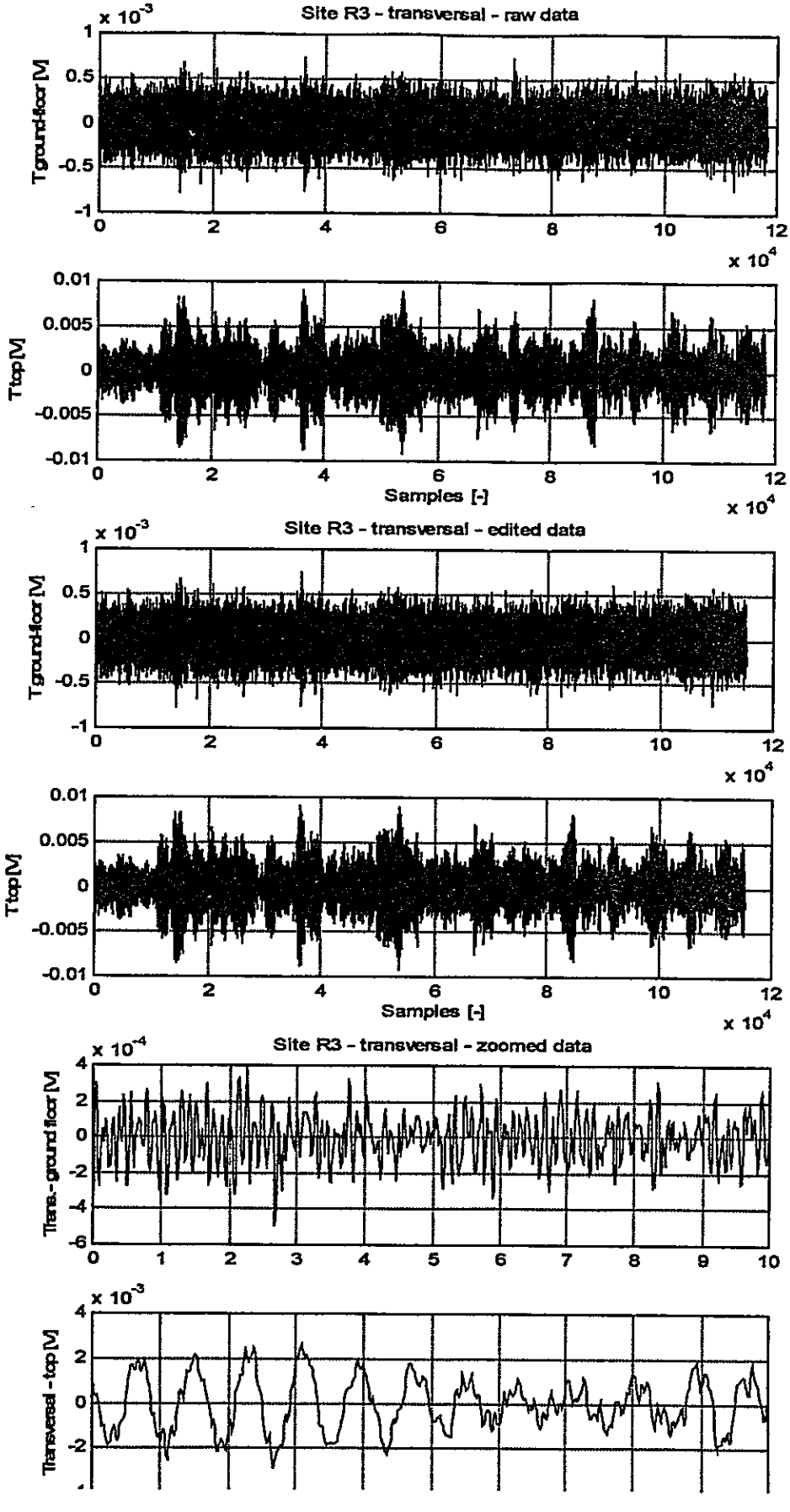
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r3\r3m1ch1.001
» load c:\iran00\data\site_r3\r3m1ch2.002
» p2v(r3m1ch1,r3m1ch2)

» er3m1ch1=[r3m1ch1(1:14000);r3m1ch1(16000:58000);r3m1ch1(62000:108000)];
» er3m1ch2=[r3m1ch2(1:14000);r3m1ch2(16000:58000);r3m1ch2(62000:108000)];
» p2v(er3m1ch1,er3m1ch2)

» save c:\iran00\temp\er3m1ch1.dat er3m1ch1 /ascii
» save c:\iran00\temp\er3m1ch2.dat er3m1ch2 /ascii
```


Site R3 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R3 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R3 - longitudinal - zoomed data
x 10^-4
Long - ground floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

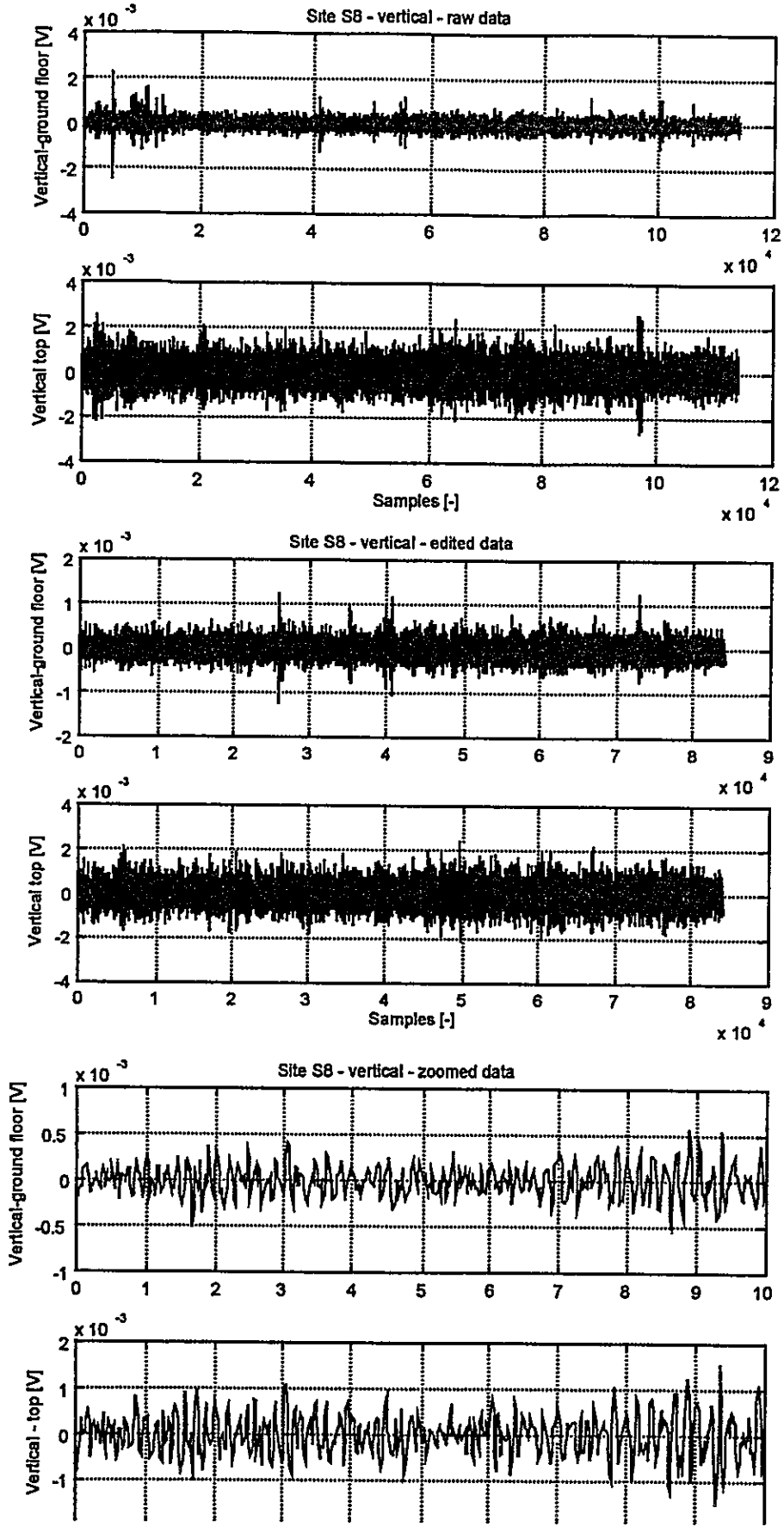
```
» load c:\iran00\data\site_r3\r3m2ch1.001
» load c:\iran00\data\site_r3\r3m2ch2.002
» p2l(r3m2ch1,r3m2ch2)

» er3m2ch1=[r3m2ch1(8000:63000);r3m2ch1(70000:102000);
r3m2ch1(106000:length(r3m2ch1))];
» er3m2ch2=[r3m2ch2(8000:63000);r3m2ch2(70000:102000);
r3m2ch2(106000:length(r3m2ch2))];
» p2l(er3m2ch1,er3m2ch2)

» save c:\iran00\temp\er3m2ch1.dat er3m2ch1 /ascii
» save c:\iran00\temp\er3m2ch2.dat er3m2ch2 /ascii
```


Site R3 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
Site R3 - transversal - edited data
Site R3 - transversal - zoomed data
x 10^-4
Trans.-ground floor [V]
Transversal - top [V]

MatLab raw data editing details. Transversal data.

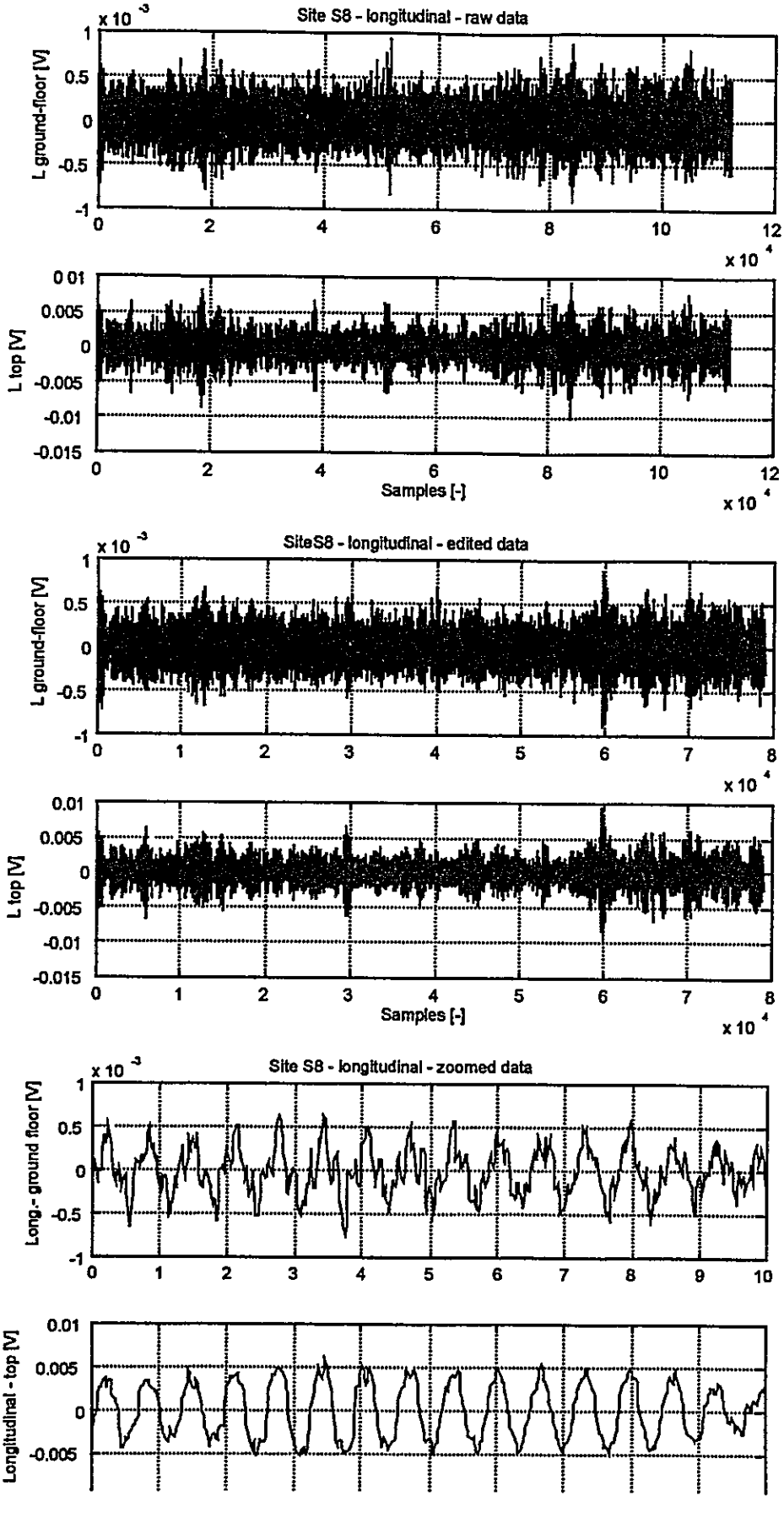
```
» load c:\iran00\data\site_r3\r3m3ch1.001
» load c:\iran00\data\site_r3\r3m3ch3.003
» p2t(r3m3ch1,r3m3ch3)

» er3m3ch1=[r3m3ch1(1:72000);r3m3ch1(75000:length(r3m3ch1))];
» er3m3ch3=[r3m3ch3(1:72000);r3m3ch3(75000:length(r3m3ch3))];
» p2t(er3m3ch1,er3m3ch3)

» save c:\iran00\temp\er3m3ch1.dat er3m3ch1 /ascii
» save c:\iran00\temp\er3m3ch3.dat er3m3ch3 /ascii
```

5.2.x Site S8 - raw total, edited, and zoomed data and MatLab's editing details



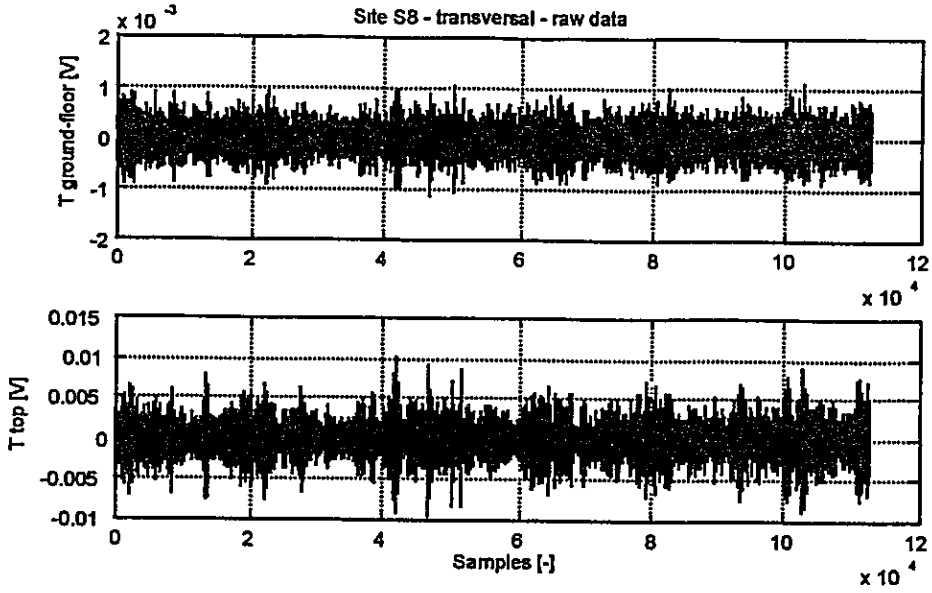
MatLab raw data editing details. Vertical data.

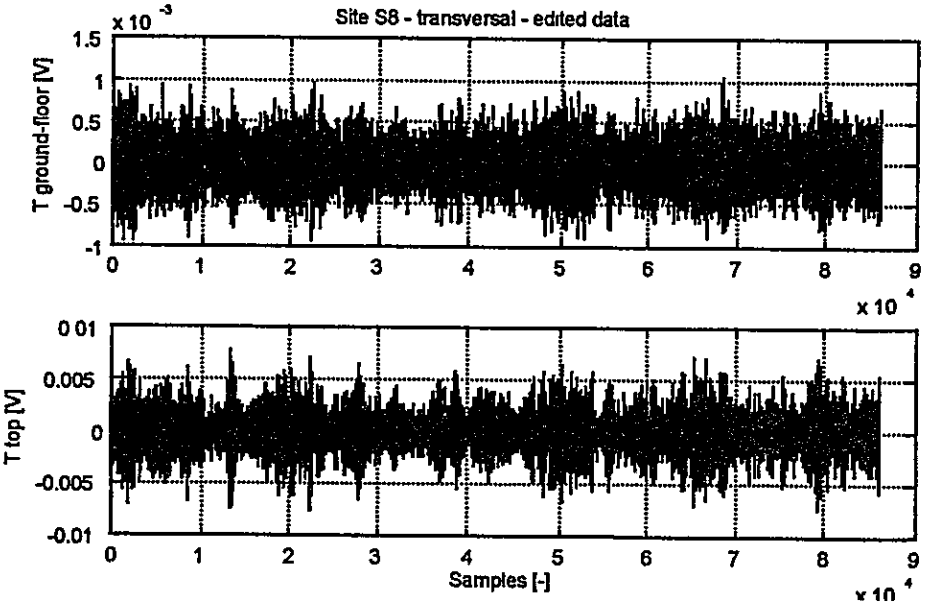
```
» mypath
» load c:\iran00\data\site_s8\s8m1ch1.001
» load c:\iran00\data\site_s8\s8m1ch2.002
» p2v(s8m1ch1,s8m1ch2)

» es8m1ch1=[s8m1ch1(15000:95000);s8m1ch1(110000:length(s8m1ch1))];
» es8m1ch2=[s8m1ch2(15000:95000);s8m1ch2(110000:length(s8m1ch2))];
» p2v(es8m1ch1,es8m1ch2)

» save c:\iran00\temp\es8m1ch1.dat es8m1ch1 /ascii
» save c:\iran00\temp\es8m1ch2.dat es8m1ch2 /ascii
```

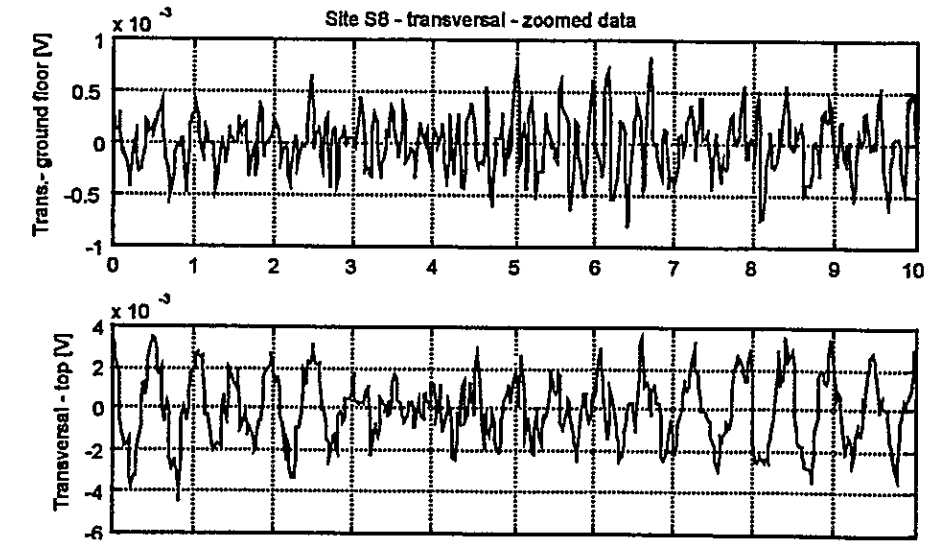

Site S8 - longitudinal - raw data
x 10 -3
L ground-floor [V]
x 10 4
L top [V]
Samples [-]
x 10 4
SiteS8 - longitudinal - edited data
x 10 -3
L ground-floor [V]
x 10 4
L top [V]
Samples [-]
x 10 4
Site S8 - longitudinal - zoomed data
x 10 -3
Long.- ground floor [V]
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s8\s8m2ch1.001
» load c:\iran00\data\site_s8\s8m2ch2.002
» p2l(s8m2ch1,s8m2ch2)

es8m2ch1=[s8m2ch1(1:11000);s8m2ch1(20000:50000);s8m2ch1(53000:70000);
s8m2ch1(82000:103000)];
» es8m2ch2=[s8m2ch2(1:11000);s8m2ch2(20000:50000);s8m2ch2(53000:70000);
s8m2ch2(82000:103000)];
» p2l(es8m2ch1,es8m2ch2)

» save c:\iran00\temp\es8m2ch1.dat es8m2ch1 /ascii
» save c:\iran00\temp\es8m2ch2.dat es8m2ch2 /ascii
```


Site S8 - transversal - raw data
x 10 -3
T ground-floor [V]
x 10 4
T top [V]
Samples [-]
x 10 4

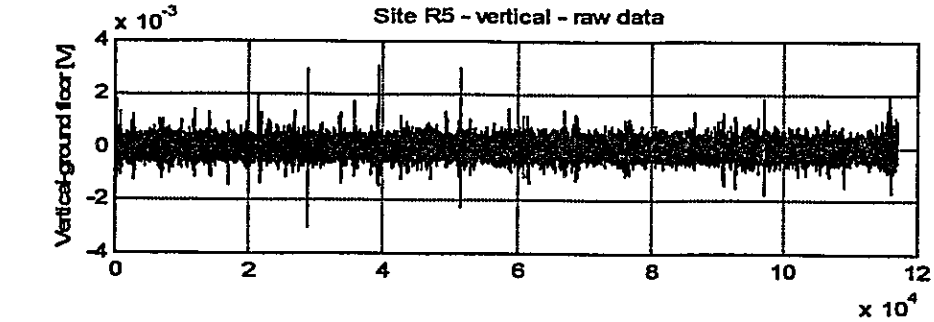

Site S8 - transversal - edited data
x 10 -3
T ground-floor [V]
x 10 4
T top [V]
Samples [-]
x 10 4

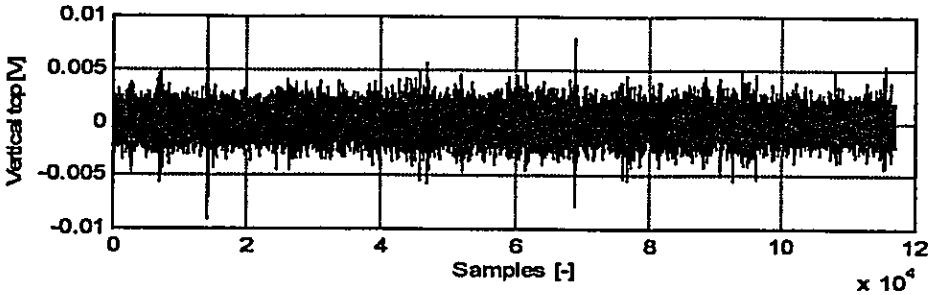

Site S8 - transversal - zoomed data
x 10 -3
Trans.- ground floor [V]
x 10 -3
Transversal - top [V]

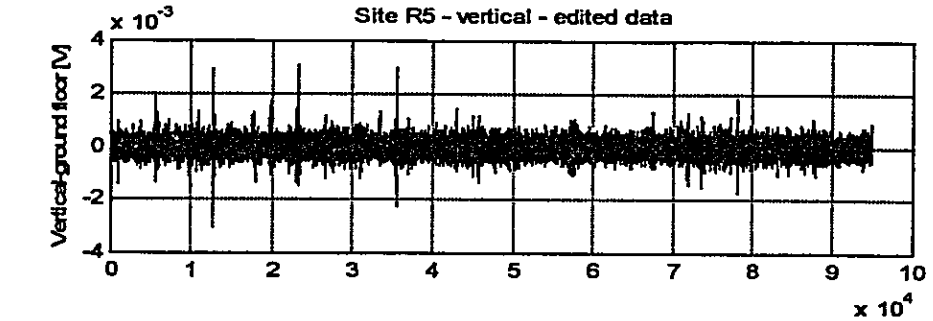
MatLab raw data editing details. Transversal data.

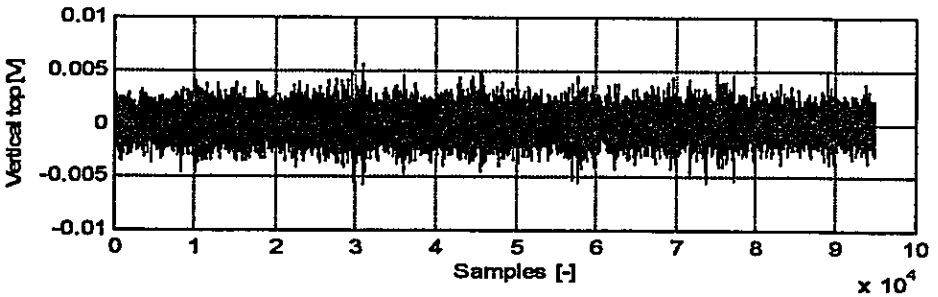
```
» load c:\iran00\data\site_s8\s8m3ch1.001
» load c:\iran00\data\site_s8\s8m3ch3.003
» p2t(s8m3ch1,s8m3ch3)

» es8m3ch1=[s8m3ch1(1:40000);s8m3ch1(54000:100000)];
» es8m3ch3=[s8m3ch3(1:40000);s8m3ch3(54000:100000)];
» p2t(es8m3ch1,es8m3ch3)

» save c:\iran00\temp\es8m3ch1.dat es8m3ch1 /ascii
» save c:\iran00\temp\es8m3ch3.dat es8m3ch3 /ascii
```

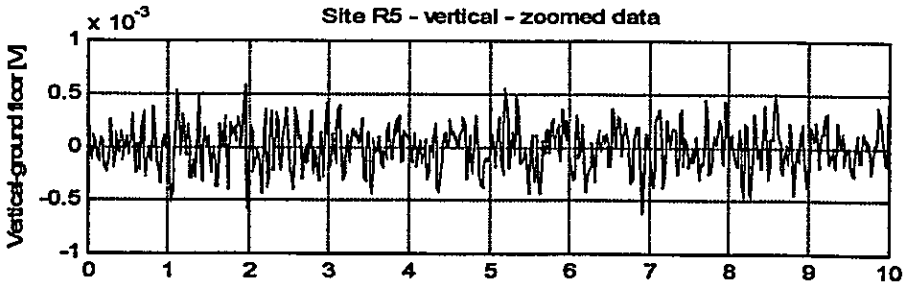
5.2.x Site R5 - raw total, edited, and zoomed data and MatLab's editing details

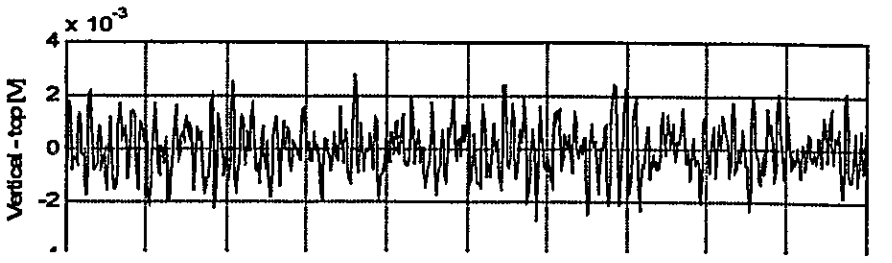






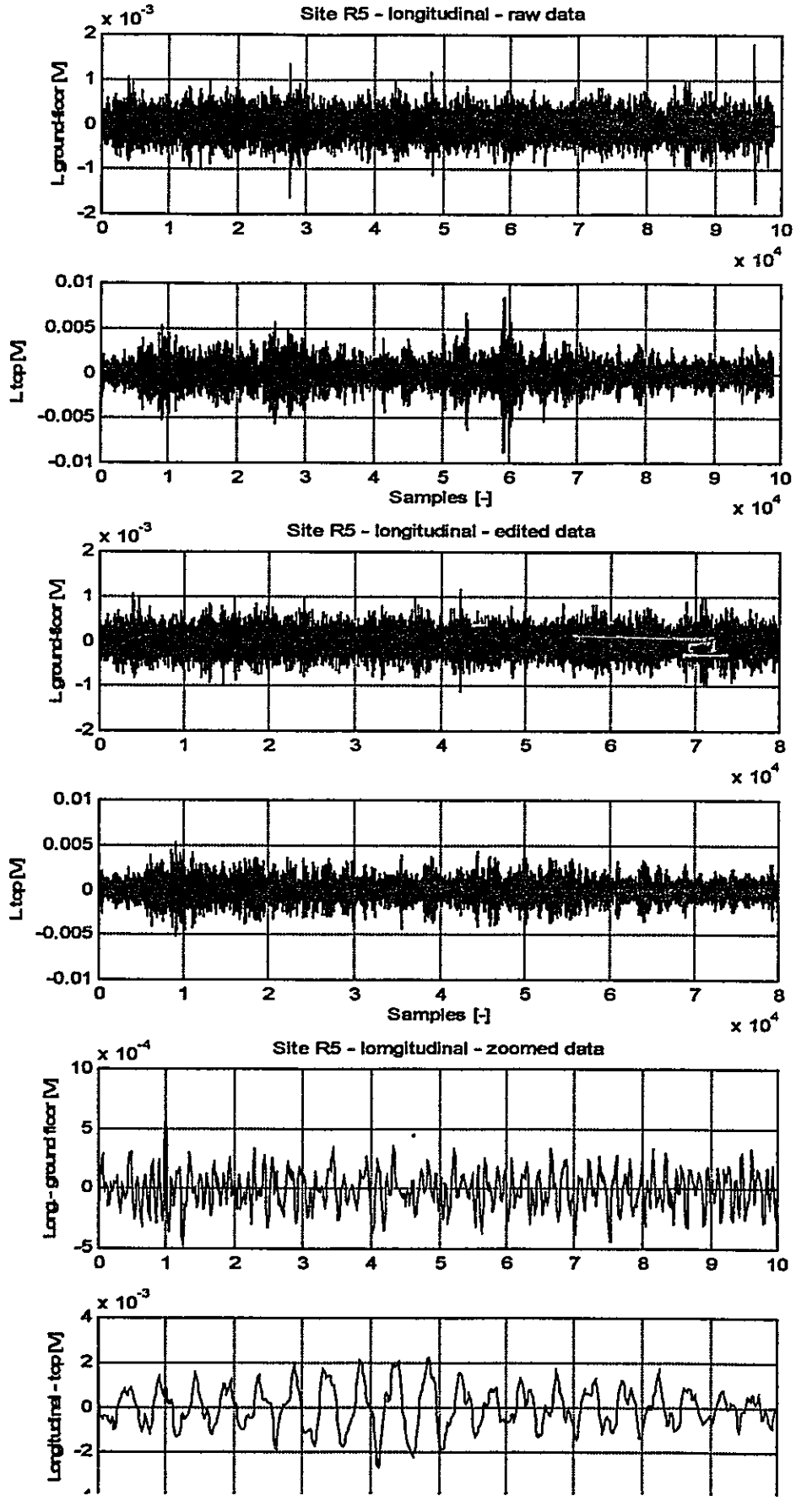






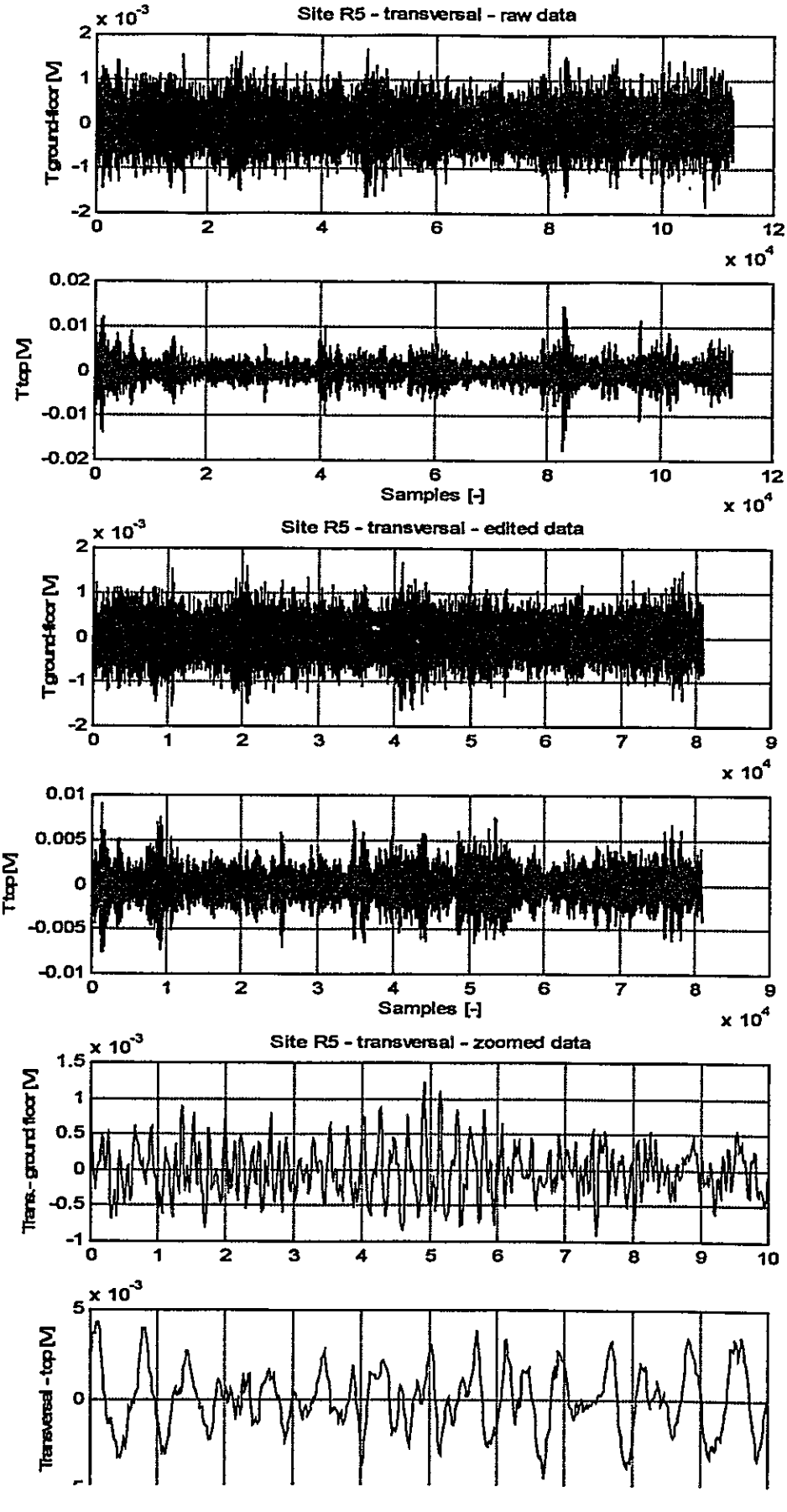
MatLab raw data editing details. Vertical data.

```
» mypath
» load c:\iran00\data\site_r5\r5m1ch1.001
» load c:\iran00\data\site_r5\r5m1ch2.002
» p2v(r5m1ch1,r5m1ch2)
» er5m1ch1=[r5m1ch1(16000:67000);r5m1ch1(70000:114000)];
» er5m1ch2=[r5m1ch2(16000:67000);r5m1ch2(70000:114000)];

» save c:\iran00\temp\er5m1ch1.dat er5m1ch1 /ascii
» save c:\iran00\temp\er5m1ch2.dat er5m1ch2 /ascii
```


Site R5 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R5 - longitudinal - edited data
Site R5 - longitudinal - zoomed data
Long - ground floor [V]
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

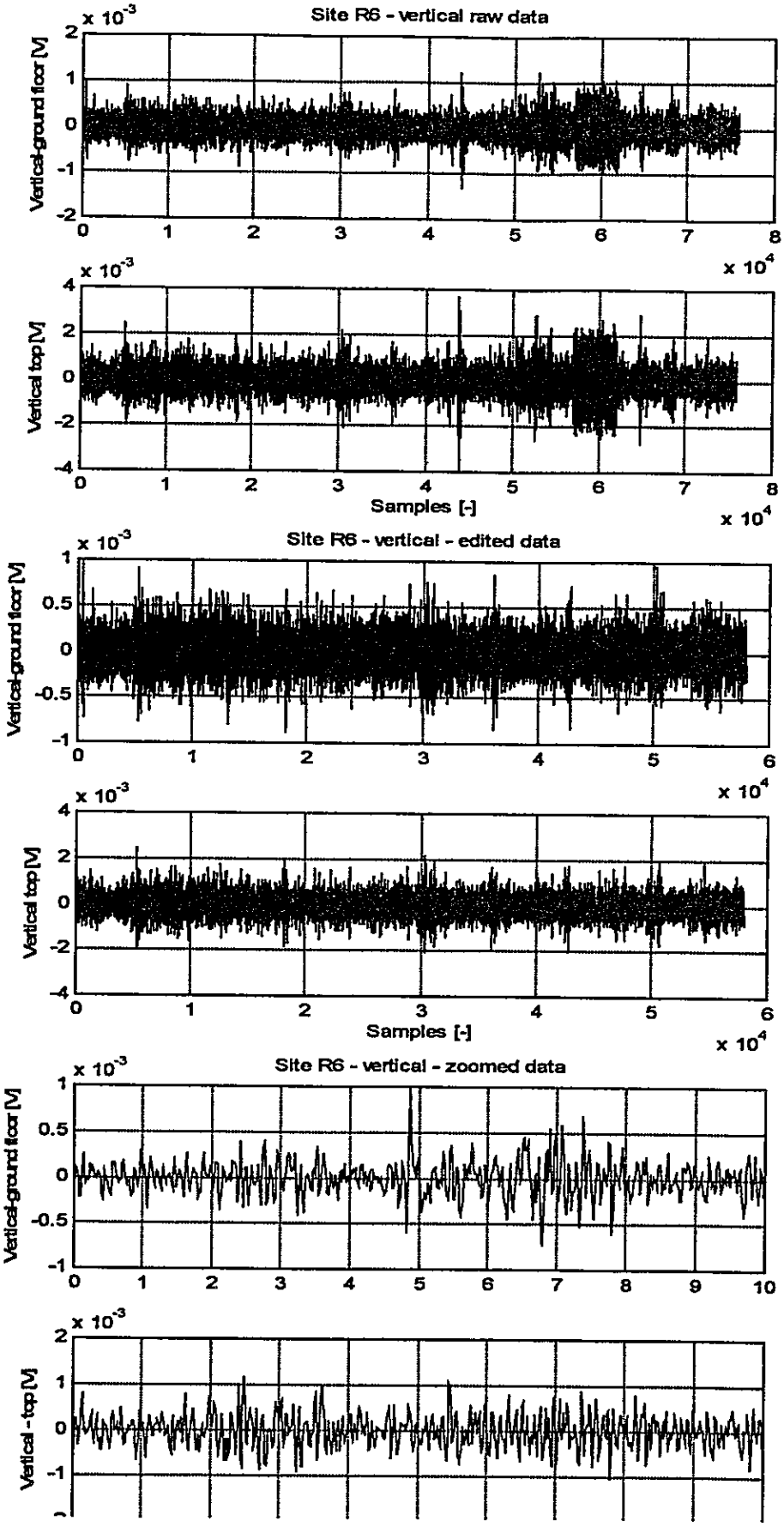
```
» load c:\iran00\data\site_r5\r5m2ch1.001
» load c:\iran00\data\site_r5\r5m2ch2.002
» p2l(r5m2ch1,r5m2ch2)
» title('Site R5 - longitudinal - raw data')

» er5m2ch1=[r5m2ch1(1:24000);r5m2ch1(30000:52000);r5m2ch1(61000:95000)];
» er5m2ch2=[r5m2ch2(1:24000);r5m2ch2(30000:52000);r5m2ch2(61000:95000)];
» save c:\iran00\temp\er5m2ch1.dat er5m2ch1 /ascii
» save c:\iran00\temp\er5m2ch2.dat er5m2ch2 /ascii
```


Site R5 - transversal - raw data
x 10^-3
Tground4corr [V]
x 10^4
Ttop [V]
Samples [-]
Site R5 - transversal - edited data
Tground4corr [V]
Ttop [V]
Samples [-]
Site R5 - transversal - zoomed data
Trans.- ground floor [V]
Transversal - top [V]

MatLab raw data editing details. Transversal data.

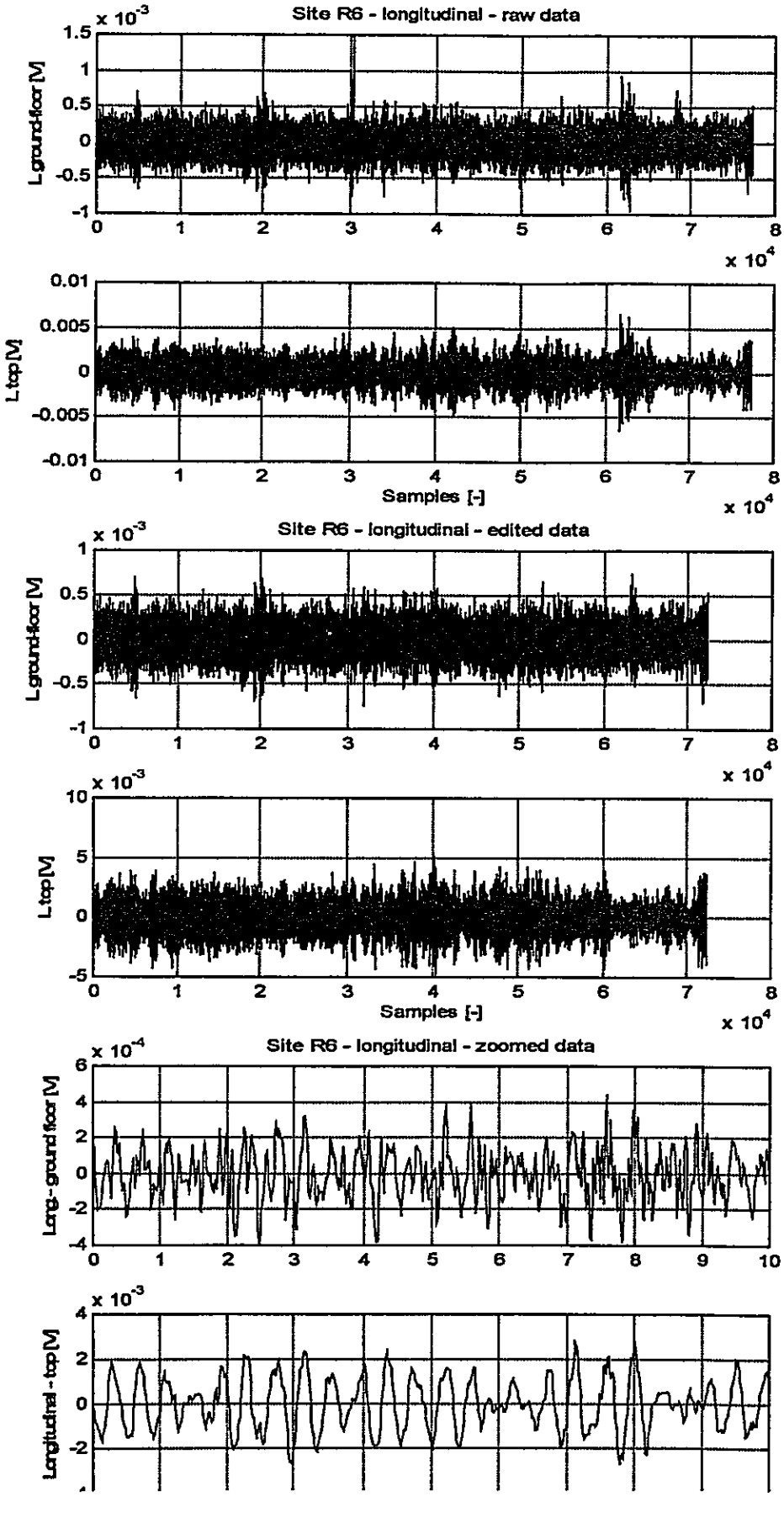
```
» load c:\iran00\data\site_r5\r5m3ch1.001
» load c:\iran00\data\site_r5\r5m3ch3.003
» p2t(r5m3ch1,r5m3ch3)
» title('Site R5 - transversal - raw data')
» er5m3ch1=[r5m3ch1(5000:40000);r5m3ch1(42000:78000);r5m3ch1(85000:95000)];
» er5m3ch3=[r5m3ch3(5000:40000);r5m3ch3(42000:78000);r5m3ch3(85000:95000)];
» save c:\iran00\temp\er5m3ch1.dat er5m3ch1 /ascii
» save c:\iran00\temp\er5m3ch3.dat er5m3ch3 /ascii
```

5.2.x Site R6 - raw total, edited, and zoomed data and MatLab's editing details



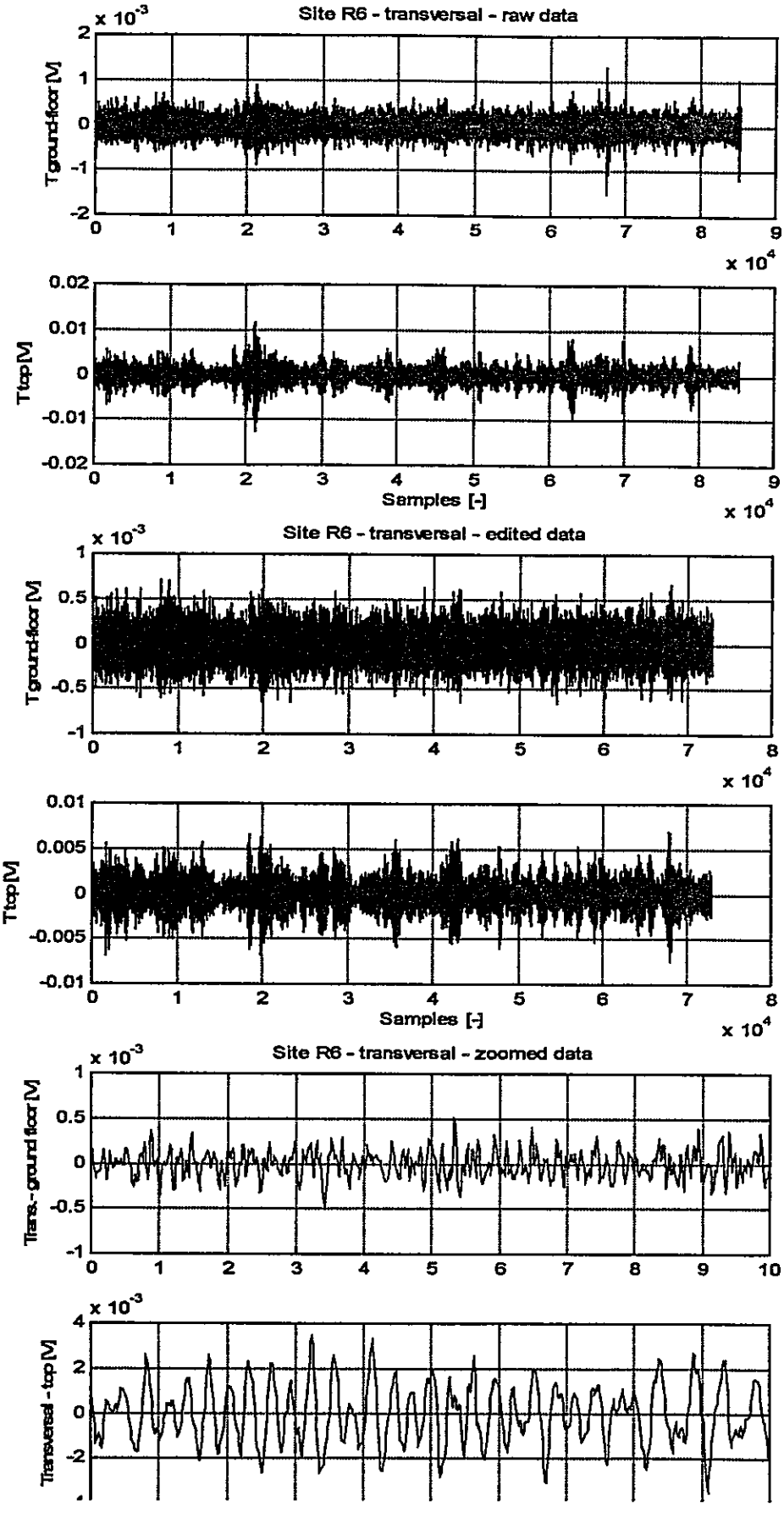
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r6\r6m1ch1.001
» load c:\iran00\data\site_r6\r6m1ch2.002
» p2v(r6m1ch1,r6m1ch2)

» er6m1ch1=[r6m1ch1(1:43000);r6m1ch1(45000:50000);r6m1ch1(66000:length(r6m1ch1))];
» er6m1ch2=[r6m1ch2(1:43000);r6m1ch2(45000:50000);r6m1ch2(66000:length(r6m1ch2))];
» p2v(er6m1ch1,er6m1ch2)

» save c:\iran00\temp\er6m1ch1.dat er6m1ch1 /ascii
» save c:\iran00\temp\er6m1ch2.dat er6m1ch2 /ascii
```


Site R6 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4
Site R6 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
x 10^-3
L top [V]
Samples [-]
x 10^4
Site R6 - longitudinal - zoomed data
x 10^-4
Long.- ground floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

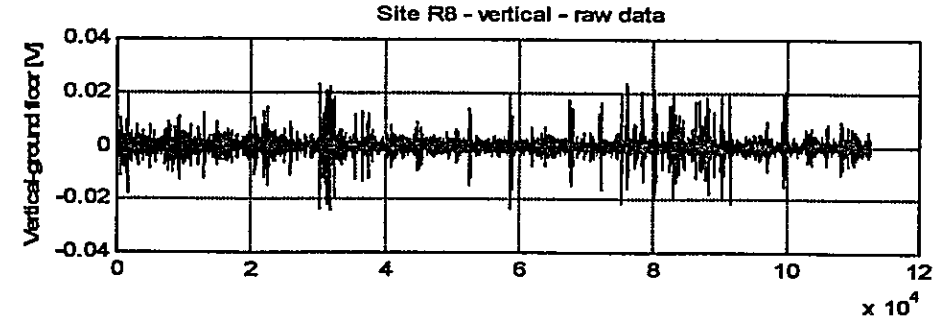
```
» load c:\iran00\data\site_r6\r6m2ch1.001
» load c:\iran00\data\site_r6\r6m2ch2.002
» p2l(r6m2ch1,r6m2ch2)

» er6m2ch1=[r6m2ch1(1:29000);r6m2ch1(31000:61000);r6m2ch1(64000:length(r6m2ch1))];
» er6m2ch2=[r6m2ch2(1:29000);r6m2ch2(31000:61000);r6m2ch2(64000:length(r6m2ch2))];
» p2l(er6m2ch1,er6m2ch2)

» save c:\iran00\temp\er6m2ch1.dat er6m2ch1 /ascii
» save c:\iran00\temp\er6m2ch2.dat er6m2ch2 /ascii
```

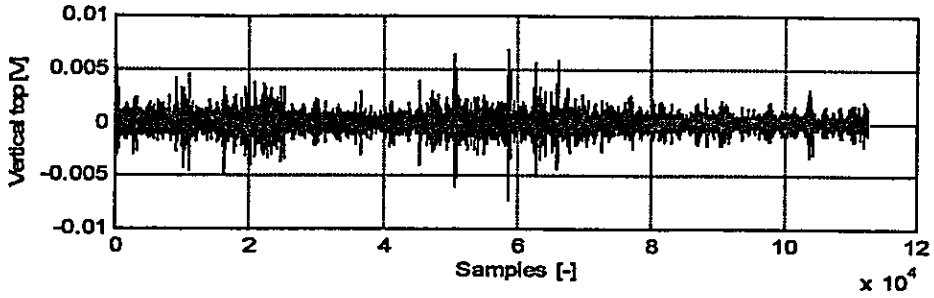

Site R6 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
Site R6 - transversal - edited data
Tground-floor [V]
Ttop [V]
Samples [-]
Site R6 - transversal - zoomed data
Trans.-ground floor [V]
Transversal - top [V]

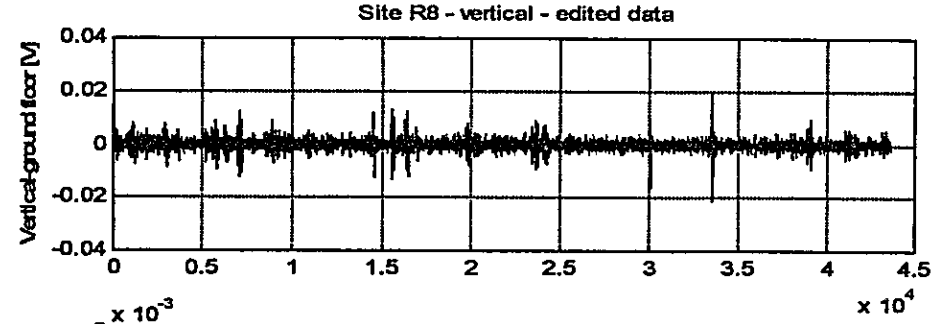
MatLab raw data editing details. Transversal data.

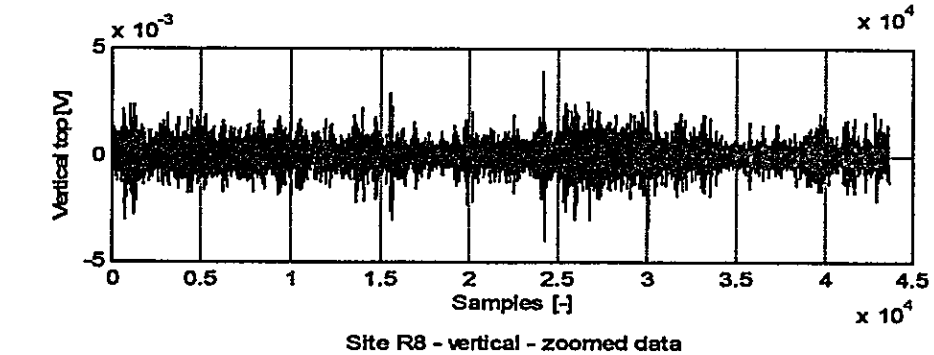
```
» load c:\iran00\data\site_r6\r6m3ch1.001
» load c:\iran00\data\site_r6\r6m3ch3.003
» p2t(r6m3ch1,r6m3ch3)

» er6m3ch1=[r6m3ch1(1:20000);r6m3ch1(23000:62000);r6m3ch1(70000:84000)];
» er6m3ch3=[r6m3ch3(1:20000);r6m3ch3(23000:62000);r6m3ch3(70000:84000)];
» p2t(er6m3ch1,er6m3ch3)

» save c:\iran00\temp\er6m3ch1.dat er6m3ch1 /ascii
» save c:\iran00\temp\er6m3ch3.dat er6m3ch3 /ascii
```

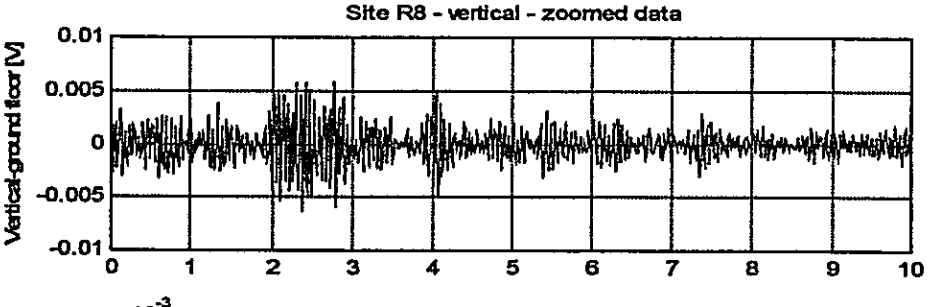
5.2.x Site R8 - raw total, edited, and zoomed data and MatLab's editing details

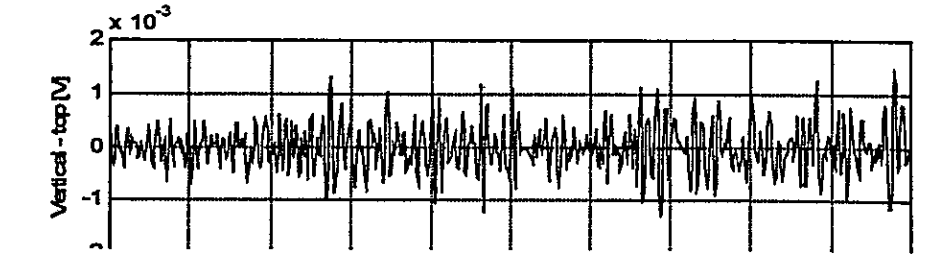






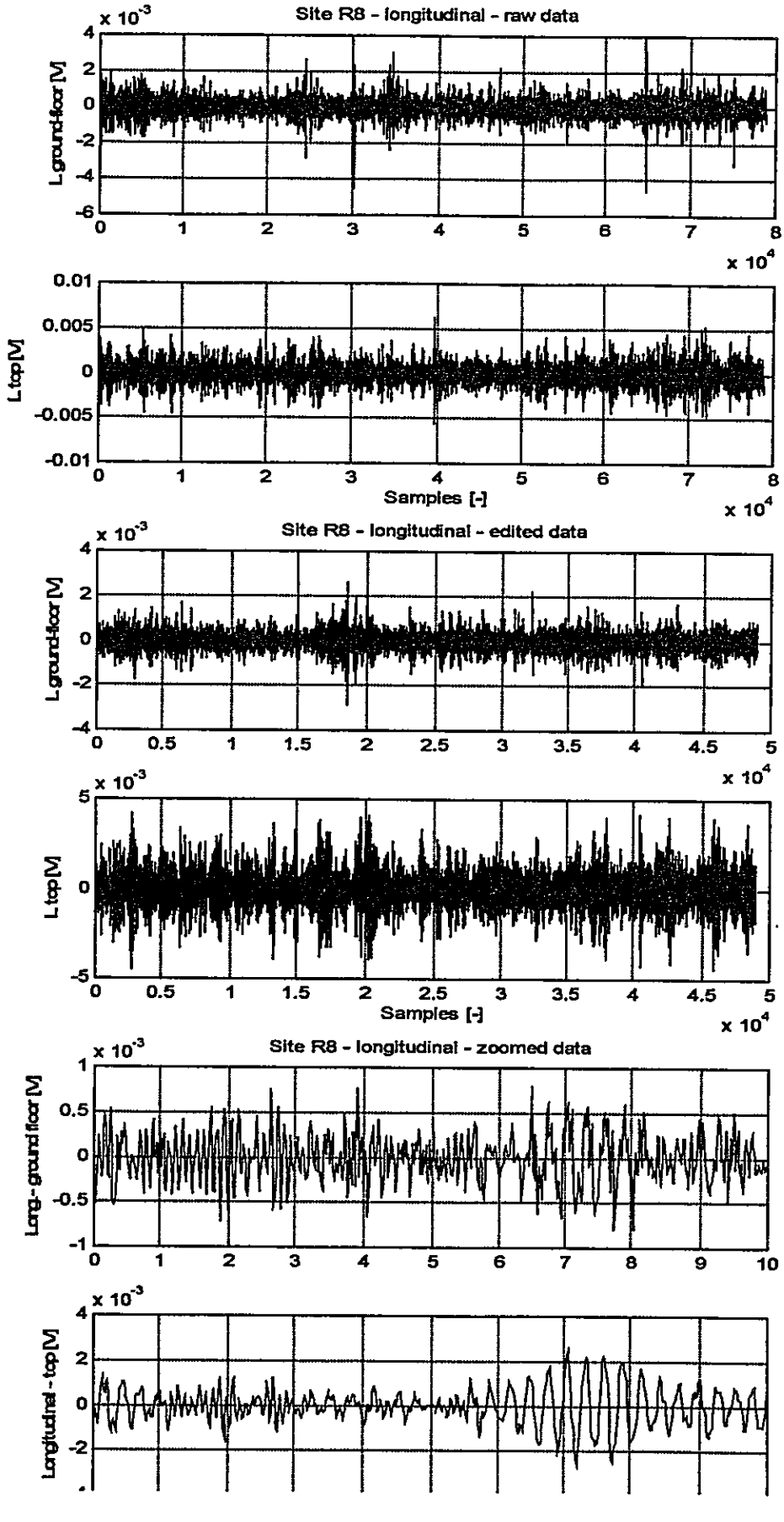






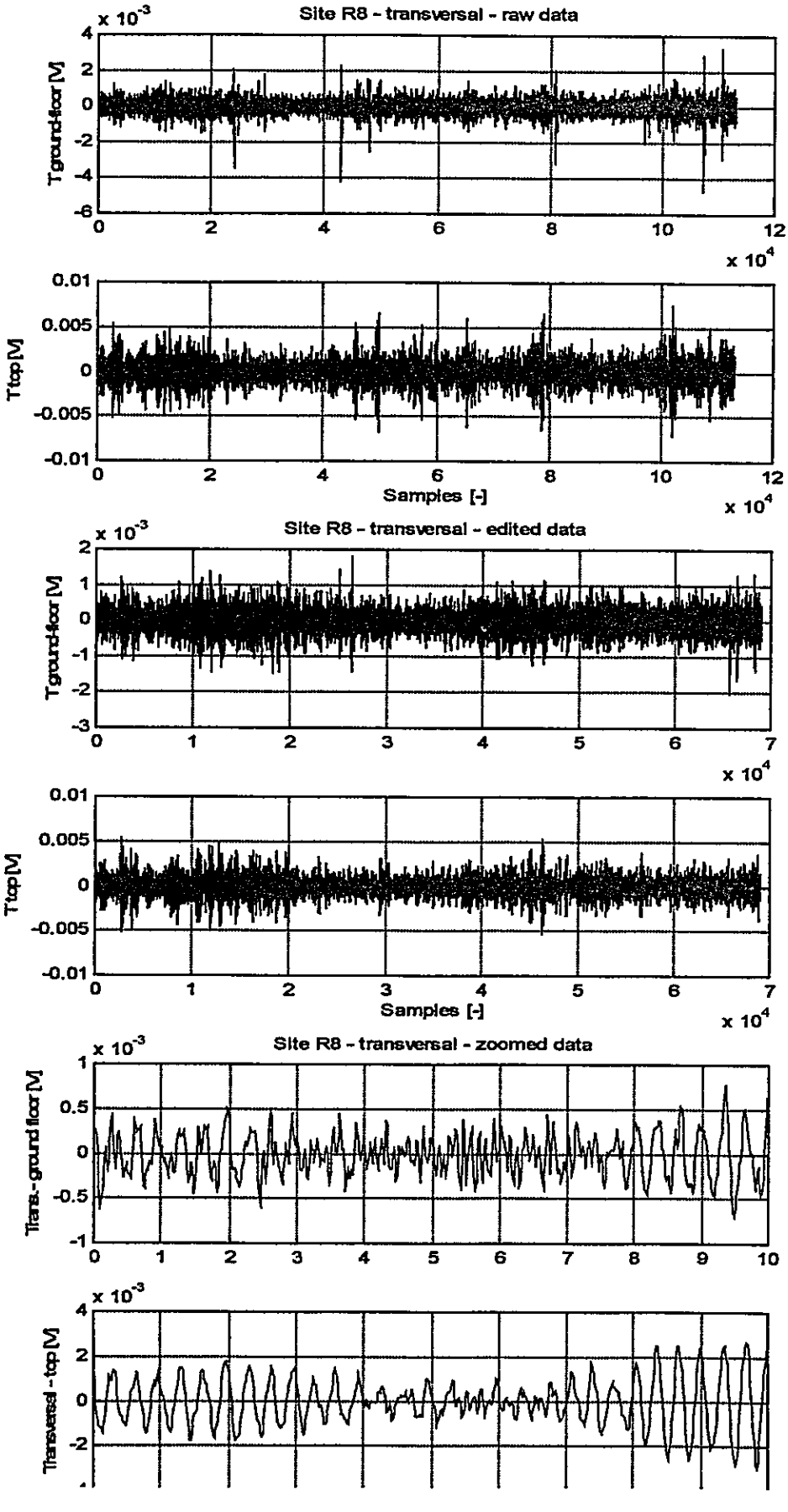
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r8\r8m1ch1.001
» load c:\iran00\data\site_r8\r8m1ch2.002
» p2v(r8m1ch1,r8m1ch2)

» er8m1ch1 = [r8m1ch1(2000:8000);r8m1ch1(12000:16000);r8m1ch1(26000:30000);
r8m1ch1(35000:46000);r8m1ch1(53000:58000);r8m1ch1(59000:62000);
r8m1ch1(91000:99000);r8m1ch1(110000:length(r8m1ch1))];
» er8m1ch2 = [r8m1ch2(2000:8000);r8m1ch2(12000:16000);r8m1ch2(26000:30000);
r8m1ch2(35000:46000);r8m1ch2(53000:58000);r8m1ch2(59000:62000);
r8m1ch2(91000:99000);r8m1ch2(110000:length(r8m1ch2))];
» p2v(er8m1ch1,er8m1ch2)

» save c:\iran00\temp\er8m1ch1.dat er8m1ch1 /ascii
» save c:\iran00\temp\er8m1ch2.dat er8m1ch2 /ascii
```


Site R8 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R8 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
x 10^-3
L top [V]
Samples [-]
x 10^4
Site R8 - longitudinal - zoomed data
x 10^-3
Long - ground floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

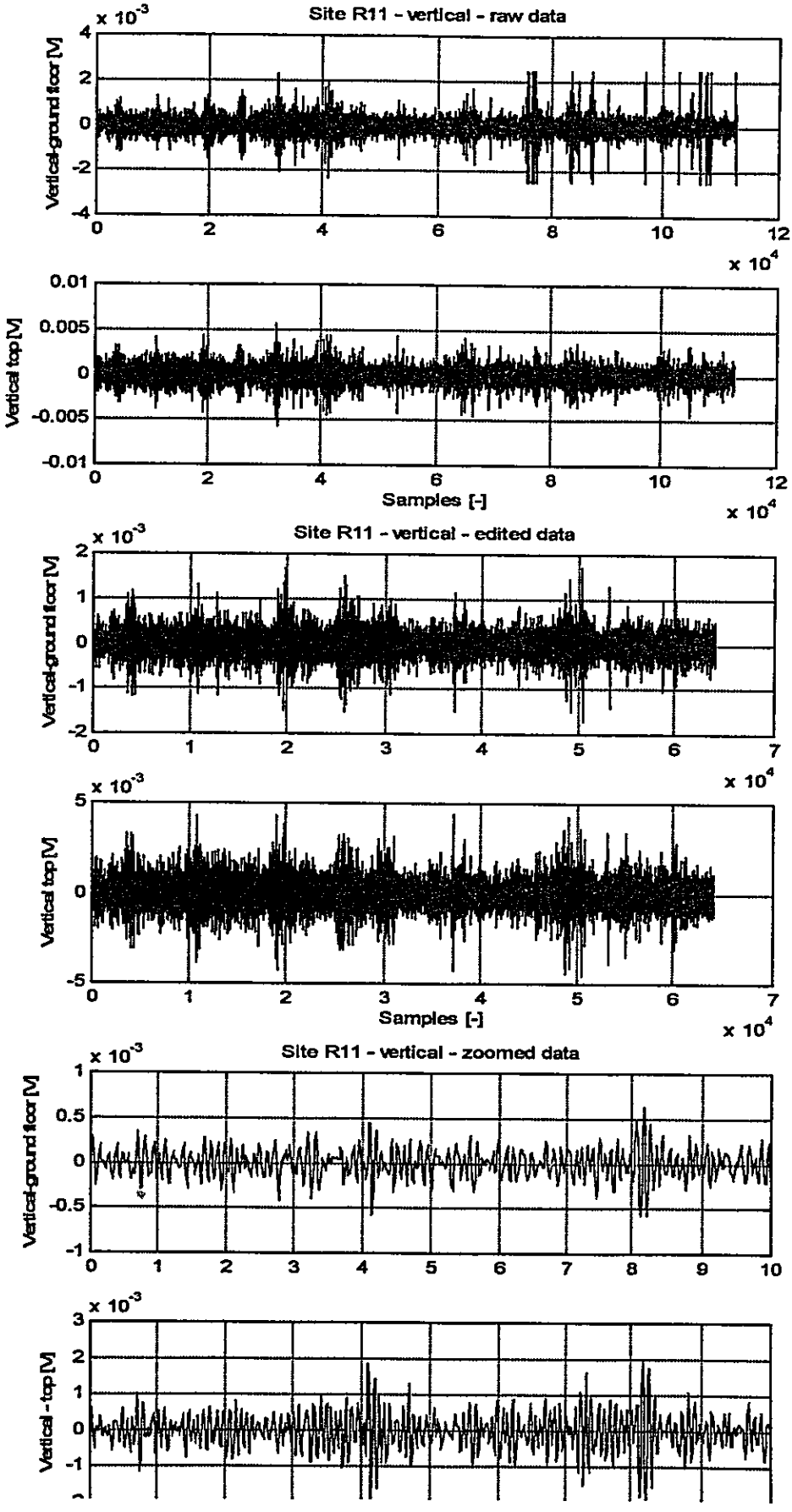
```
» load c:\iran00\data\site_r8\r8m2ch1.001
» load c:\iran00\data\site_r8\r8m2ch2.002
» p2l(r8m2ch1,r8m2ch2)

» er8m2ch1=[r8m2ch1(6000:29000);r8m2ch1(36000:39000);r8m2ch1(41000:64000)];
» er8m2ch2=[r8m2ch2(6000:29000);r8m2ch2(36000:39000);r8m2ch2(41000:64000)];
» p2l(er8m2ch1,er8m2ch2)

» save c:\iran00\temp\er8m2ch1.dat er8m2ch1 /ascii
» save c:\iran00\temp\er8m2ch2.dat er8m2ch2 /ascii
```


Site R8 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
Site R8 - transversal - edited data
Tground-floor [V]
Ttop [V]
Site R8 - transversal - zoomed data
Trans.-ground floor [V]
Transversal - top [V]

MatLab raw data editing details. Transversal data.

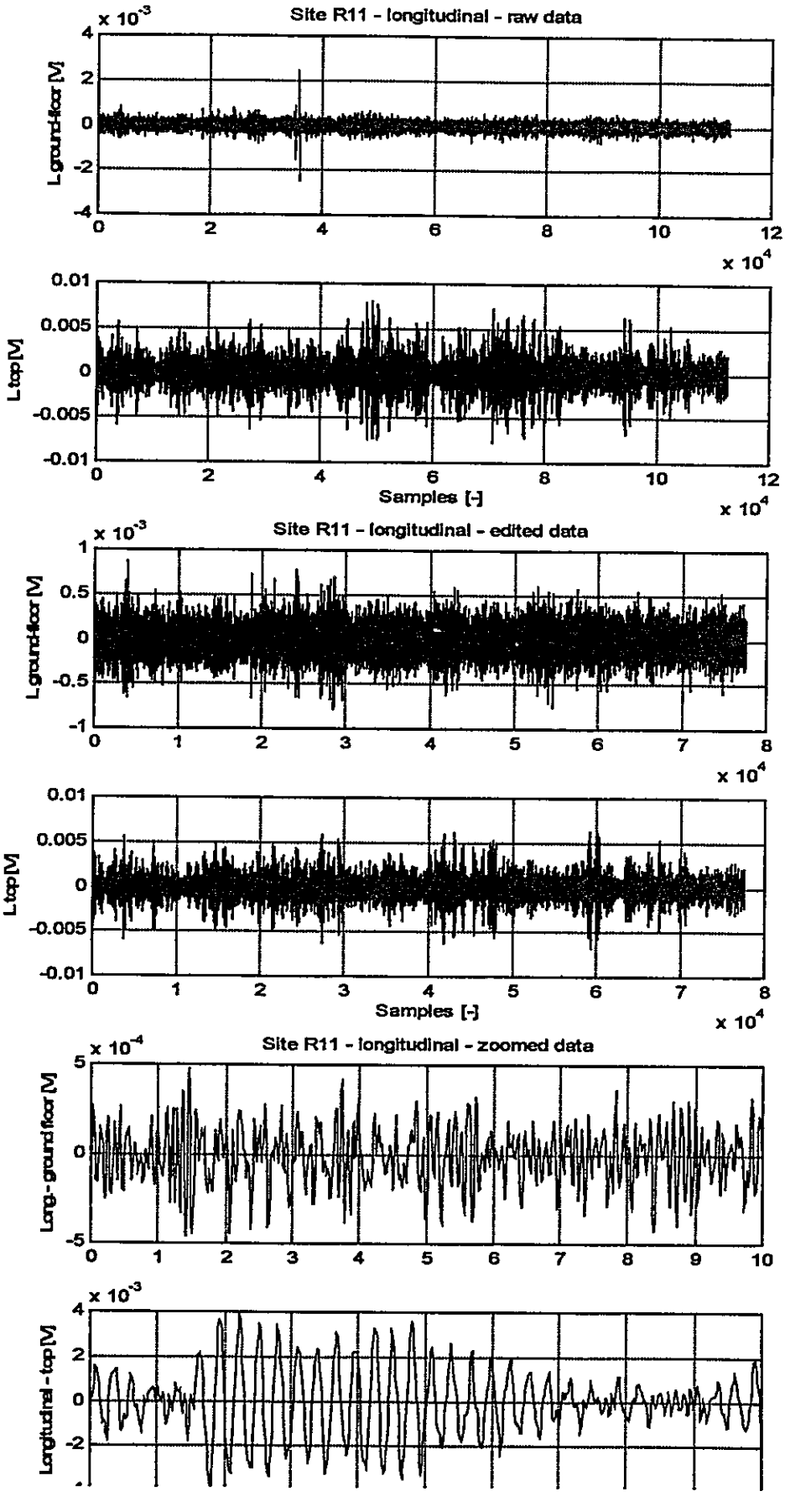
```
» load c:\iran00\data\site_r8\r8m3ch1.001
» load c:\iran00\data\site_r8\r8m3ch3.003
» p2t(r8m3ch1,r8m3ch3)

» er8m3ch1=[r8m3ch1(1:22000);r8m3ch1(25000:42000);r8m3ch1(50000:62000);
r8m3ch1(82000:100000)];
» er8m3ch3=[r8m3ch3(1:22000);r8m3ch3(25000:42000);r8m3ch3(50000:62000);
r8m3ch3(82000:100000)];
» p2t(er8m3ch1,er8m3ch3)

» save c:\iran00\temp\er8m3ch1.dat er8m3ch1 /ascii
» save c:\iran00\temp\er8m3ch3.dat er8m3ch3 /ascii
```

5.2.x Site R11 - raw total, edited, and zoomed data and MatLab's editing details



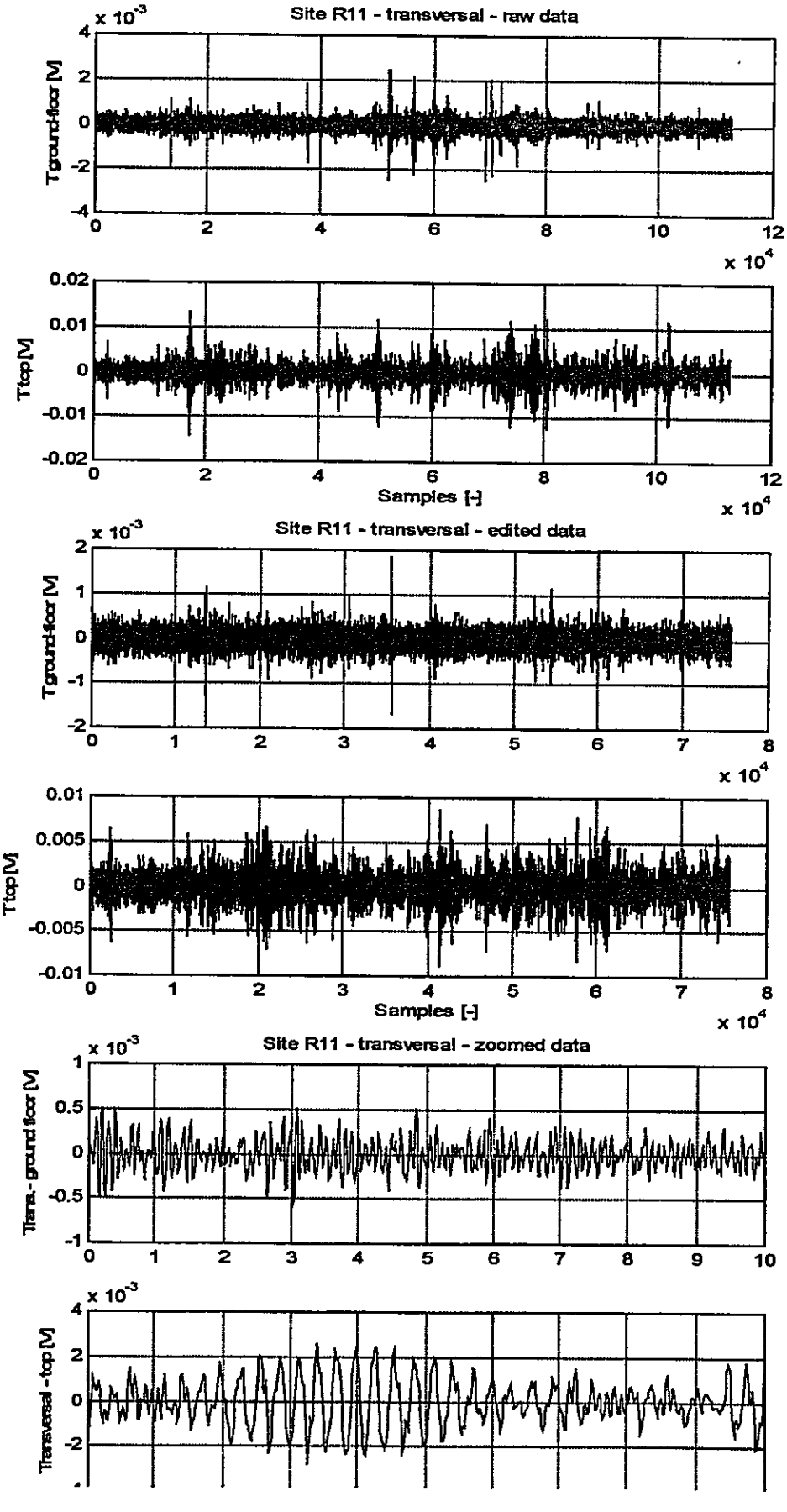
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r11\r11m1ch1.001
» load c:\iran00\data\site_r11\r11m1ch2.002
» p2v(r11m1ch1,r11m1ch2)
» er11m1ch1=[r11m1ch1(1:26000);r11m1ch1(42000:75000);r11m1ch1(91000:96000)];
» er11m1ch2=[r11m1ch2(1:26000);r11m1ch2(42000:75000);r11m1ch2(91000:96000)];
» p2v(er11m1ch1,er11m1ch2)

» save c:\iran00\temp\er11m1ch1.dat er11m1ch1 /ascii
» save c:\iran00\temp\er11m1ch2.dat er11m1ch2 /ascii
```


Site R11 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R11 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
Site R11 - longitudinal - zoomed data
x 10^-4
Long - ground floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

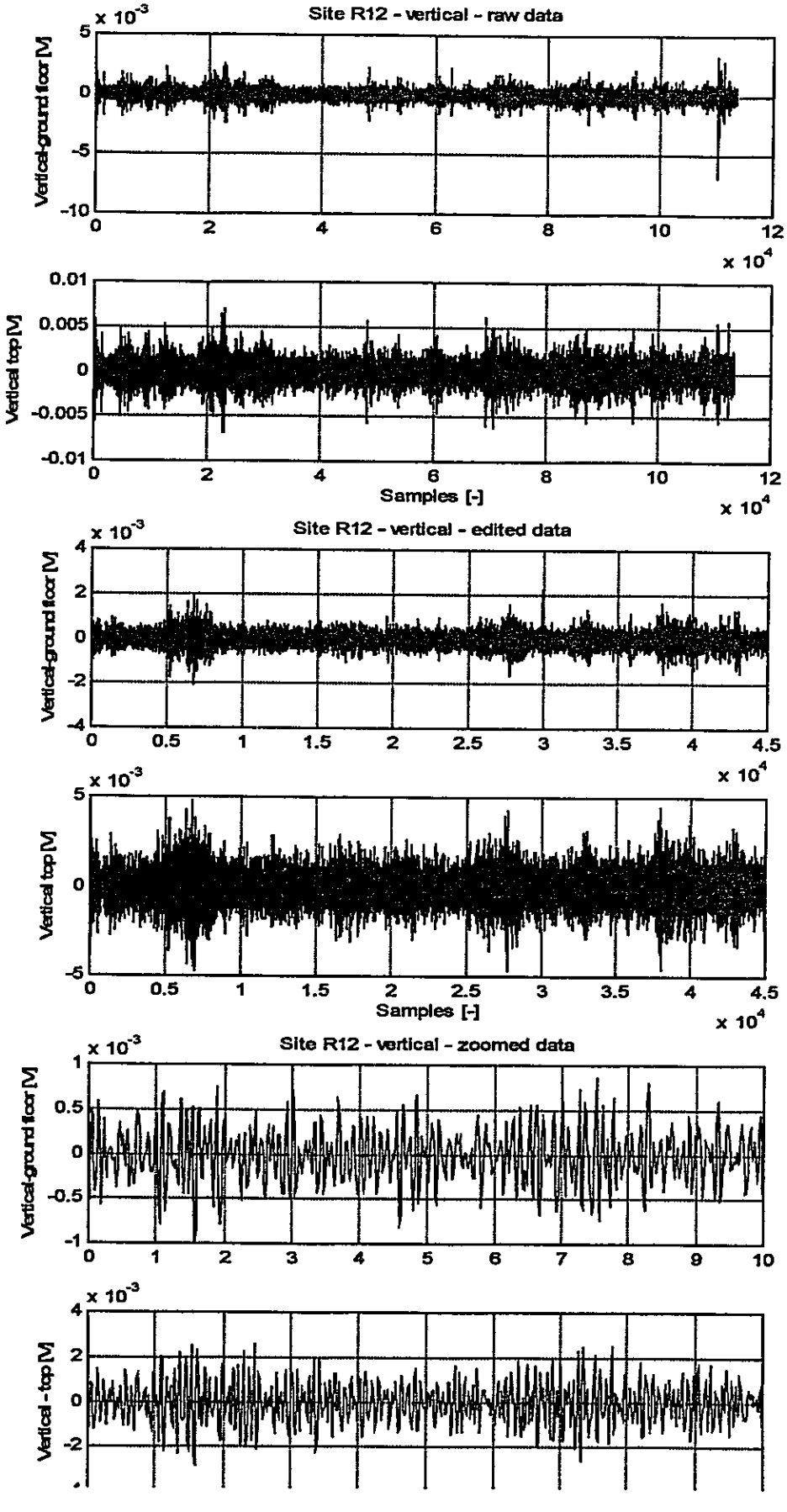
```
» load c:\iran00\data\site_r11\r11m2ch1.001
» load c:\iran00\data\site_r11\r11m2ch2.002
» p2l(r11m2ch1,r11m2ch2)
» er11m2ch1 =
[r11m2ch1(1:34000);r11m2ch1(37000:46000);r11m2ch1(78000:length(r11m2ch1))];
» er11m2ch2 =
[r11m2ch2(1:34000);r11m2ch2(37000:46000);r11m2ch2(78000:length(r11m2ch2))];
» p2l(er11m2ch1,er11m2ch2)

» save c:\iran00\temp\er11m2ch1.dat er11m2ch1 /ascii
» save c:\iran00\temp\er11m2ch2.dat er11m2ch2 /ascii
```


Site R11 - transversal - raw data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
x 10^4
Site R11 - transversal - edited data
x 10^-3
Tground-floor [V]
x 10^4
Ttop [V]
Samples [-]
x 10^4
Site R11 - transversal - zoomed data
x 10^-3
Trans.-ground floor [V]
x 10^-3
Transversal - top [V]

MatLab raw data editing details. Transversal data.

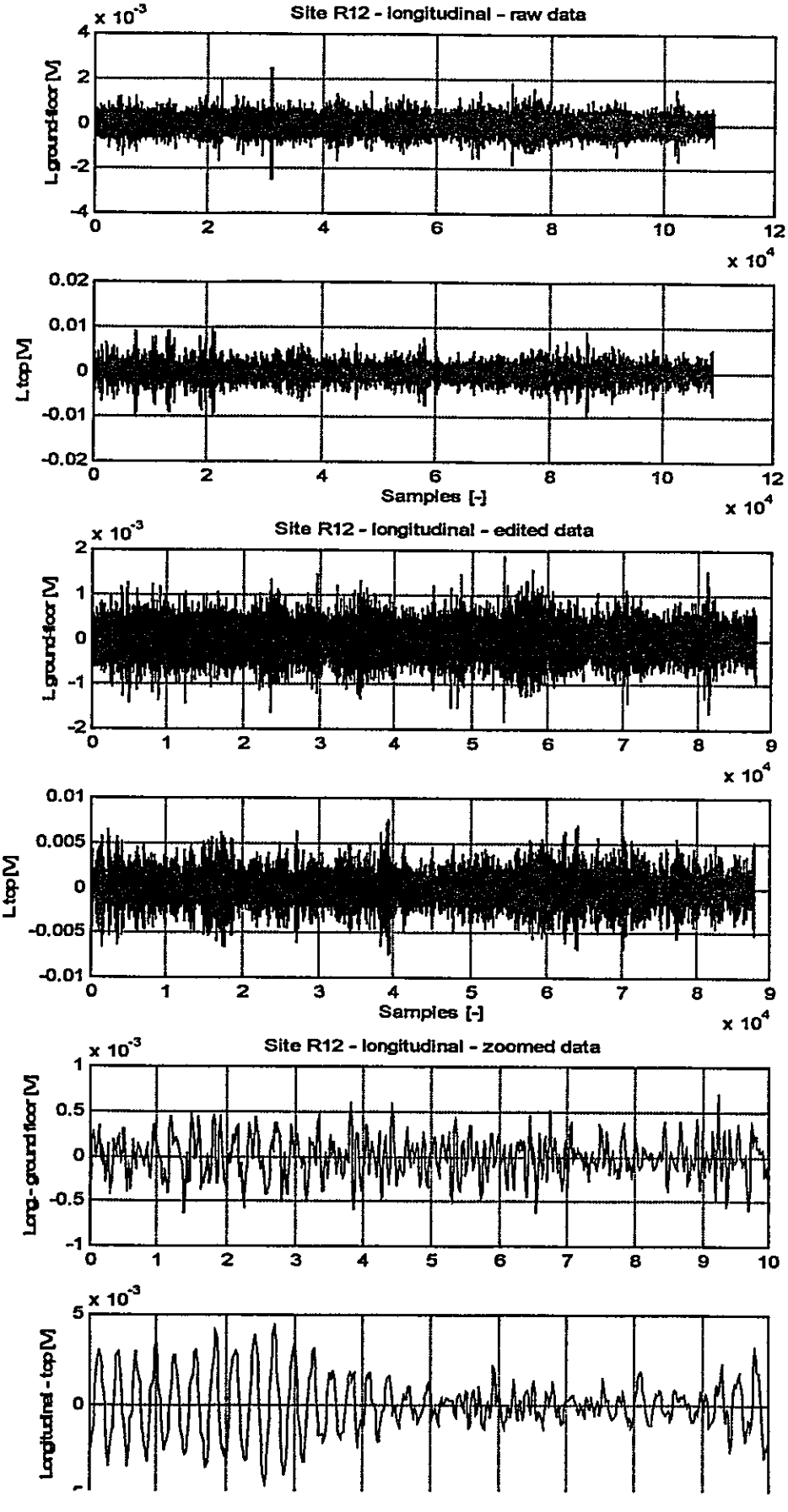
```
» load c:\iran00\data\site_r11\r11m3ch1.001
» load c:\iran00\data\site_r11\r11m3ch3.003
» p2t(r11m3ch1,r11m3ch3)
» er11m3ch1 = [r11m3ch1(1:16000);r11m3ch1(18000:48000);r11m3ch1(81000:101000);
r11m3ch1(103000:length(r11m3ch1))];
» er11m3ch3 = [r11m3ch3(1:16000);r11m3ch3(18000:48000);r11m3ch3(81000:101000);
r11m3ch3(103000:length(r11m3ch3))];
» p2t(er11m3ch1,er11m3ch3)

» save c:\iran00\temp\er11m3ch1.dat er11m3ch1 /ascii
» save c:\iran00\temp\er11m3ch3.dat er11m3ch3 /ascii
```

5.2.x Site R12 - raw total, edited, and zoomed data and MatLab's editing details



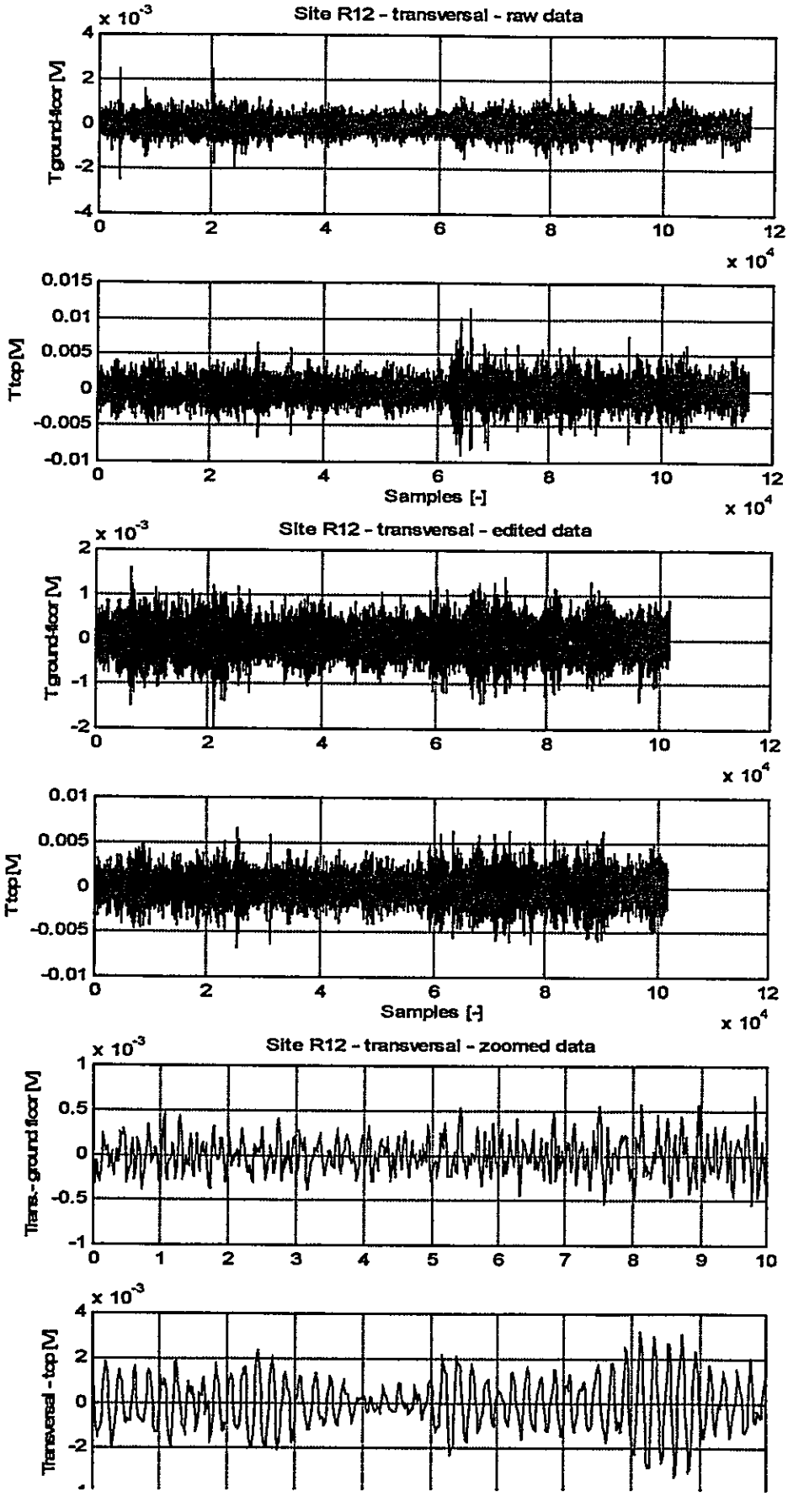
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r12\r12m1ch1.001
» load c:\iran00\data\site_r12\r12m1ch2.002
» p2v(r12m1ch1,r12m1ch2);

» er12m1ch1=[r12m1ch1(14000:22000);r12m1ch1(33000:47000);
r12m1ch1(55000:68000);r12m1ch1(96000:106000)];
» er12m1ch2=[r12m1ch2(14000:22000);r12m1ch2(33000:47000);
r12m1ch2(55000:68000);r12m1ch2(96000:106000)];
» p2v(er12m1ch1,er12m1ch2);

» save c:\iran00\temp\er12m1ch1.dat er12m1ch1 /ascii
» save c:\iran00\temp\er12m1ch2.dat er12m1ch2 /ascii
```


Site R12 - longitudinal - raw data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4
Site R12 - longitudinal - edited data
x 10^-3
L ground-floor [V]
x 10^4
L top [V]
Samples [-]
x 10^4
Site R12 - longitudinal - zoomed data
x 10^-3
Long - ground-floor [V]
x 10^-3
Longitudinal - top [V]

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_r12\r12m2ch1.001
» load c:\iran00\data\site_r12\r12m2ch2.002
» p2l(r12m2ch1,r12m2ch2);

» er12m2ch1=[r12m2ch1(1:8000);r12m2ch1(23000:30000);r12m2ch1(32000:85000);
r12m2ch1(87000:length(r12m2ch1))];
» er12m2ch2=[r12m2ch2(1:8000);r12m2ch2(23000:30000);r12m2ch2(32000:85000);
r12m2ch2(87000:length(r12m2ch2))];
» p2l(er12m2ch1,er12m2ch2);
» er12m2ch1=[r12m2ch1(1:7000);r12m2ch1(24000:30000);r12m2ch1(32000:85000);
r12m2ch1(87000:length(r12m2ch1))];
» er12m2ch2=[r12m2ch2(1:7000);r12m2ch2(24000:30000);r12m2ch2(32000:85000);
r12m2ch2(87000:length(r12m2ch2))];
» p2l(er12m2ch1,er12m2ch2);

» save c:\iran00\temp\er12m2ch1.dat er12m2ch1 /ascii
» save c:\iran00\temp\er12m2ch2.dat er12m2ch2 /ascii
```


Site R12 - transversal - raw data
x 10^-3
Tground4cor [V]
x 10^4
Ttop [V]
Samples [-]
Site R12 - transversal - edited data
Tground4cor [V]
Ttop [V]
Samples [-]
Site R12 - transversal - zoomed data
Trans.-ground4cor [V]
Transversal - top [V]

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_r12\r12m3ch1.001
» load c:\iran00\data\site_r12\r12m3ch3.003
» p2t(r12m3ch1,r12m3ch3)

» er12m3ch1=[r12m3ch1(1:2000);r12m3ch1(4000:20000);r12m3ch1(21000:62000);
r12m3ch1(70000:92000);r12m3ch1(95000:length(r12m3ch1))];
» er12m3ch3=[r12m3ch3(1:2000);r12m3ch3(4000:20000);r12m3ch3(21000:62000);
r12m3ch3(70000:92000);r12m3ch3(95000:length(r12m3ch3))];
» p2t(er12m3ch1,er12m3ch3);

» save c:\iran00\temp\er12m3ch1.dat er12m3ch1 /ascii
» save c:\iran00\temp\er12m3ch3.dat er12m3ch3 /ascii
```