

Environmental Impact Assessment: Annexures

Project No. 48289-002
April 2017

PAK: Peshawar Sustainable Bus Rapid Transit Corridor Project

Annexures E – I

Noise Levels at Key Receptors during Construction Phase
Post Mitigation Noise Levels at Key Receptors during Construction Phase
List of Participants of Public Consultations
Photographs of Landmarks along Project Corridor
Sample Air Dispersion Model output files

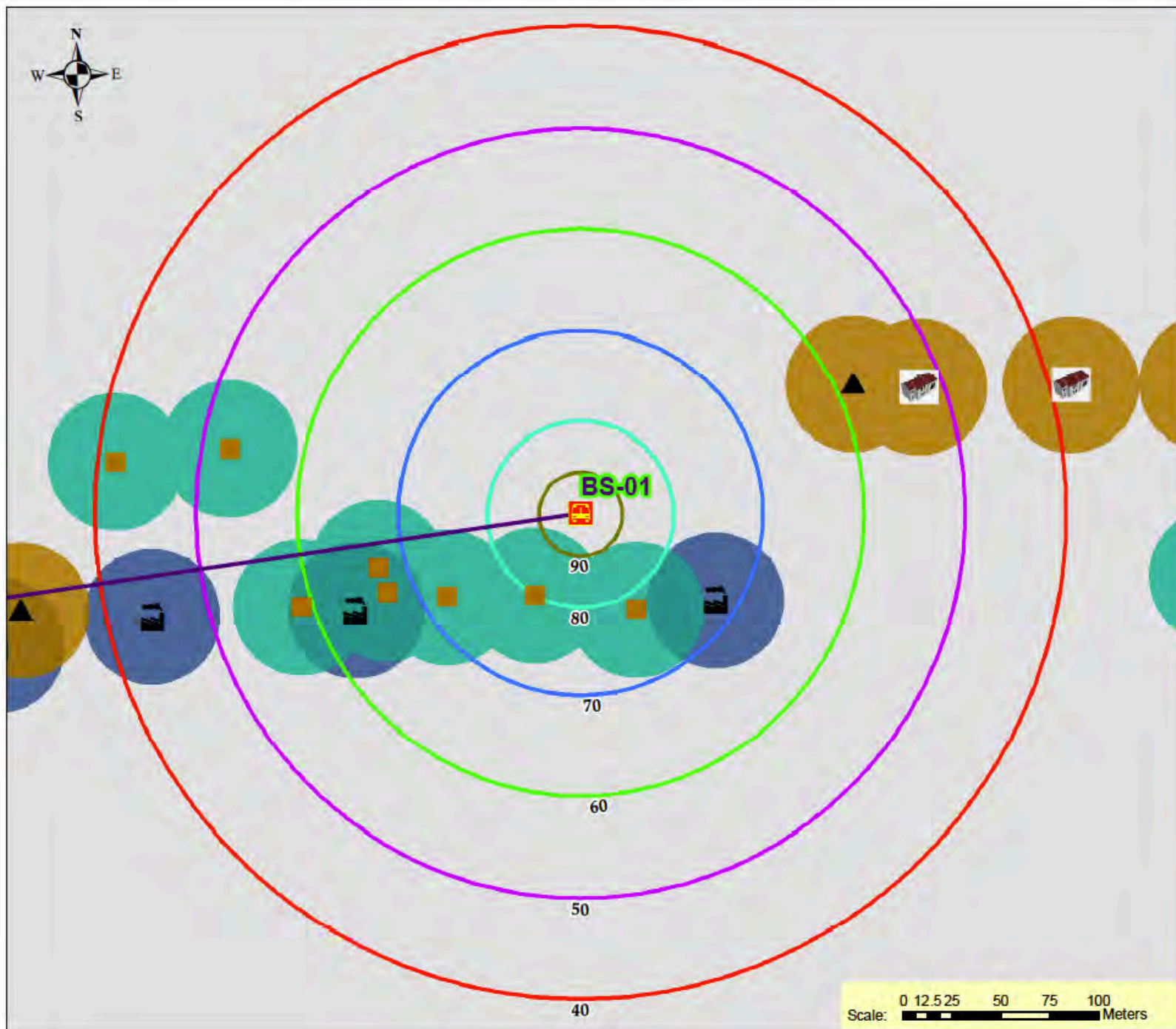
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ANNEXURE E

Noise Levels at Key Receptors during Construction Phase



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-1

Sheet 1 of 31

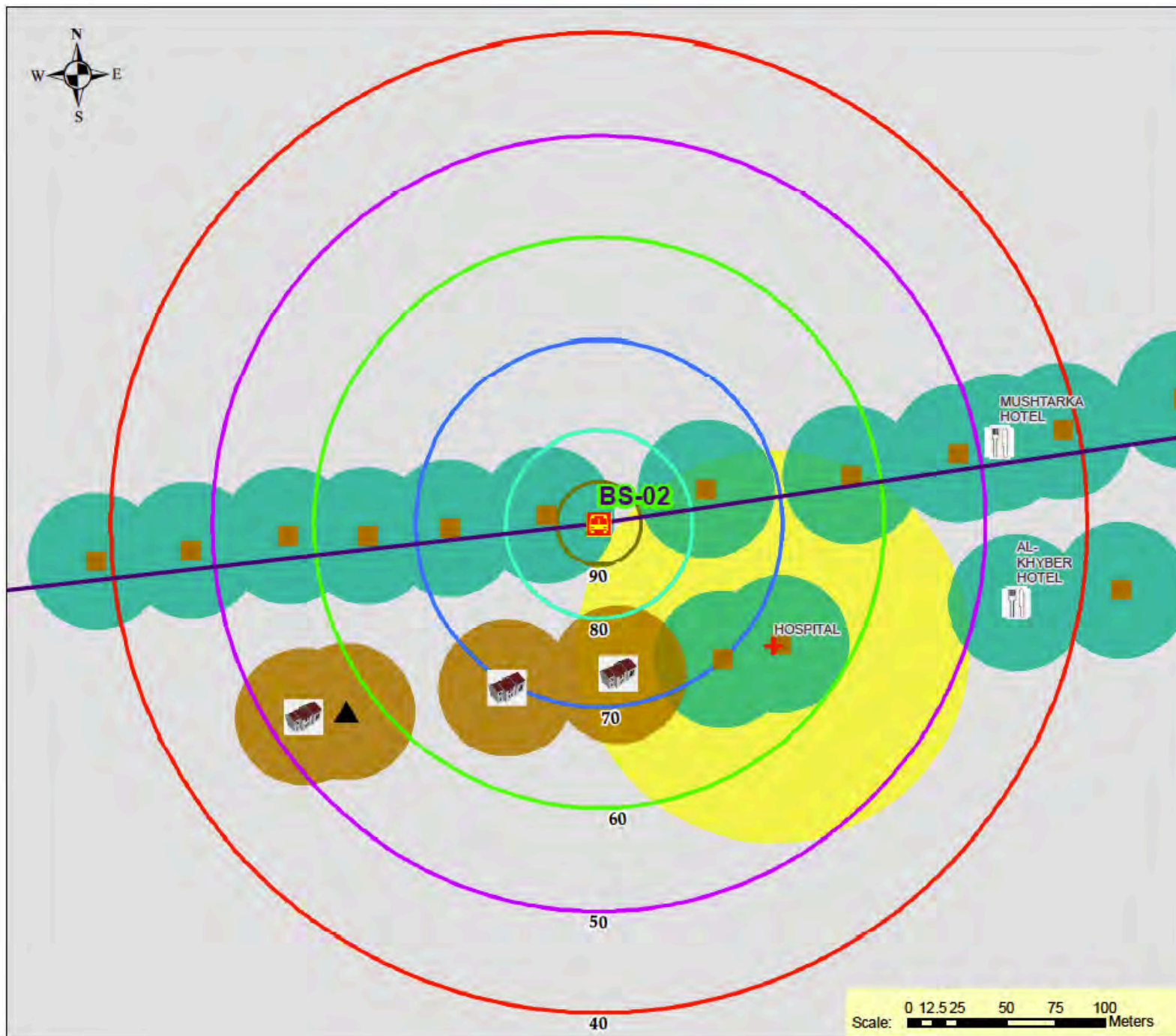
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-2

Sheet 2 of 31

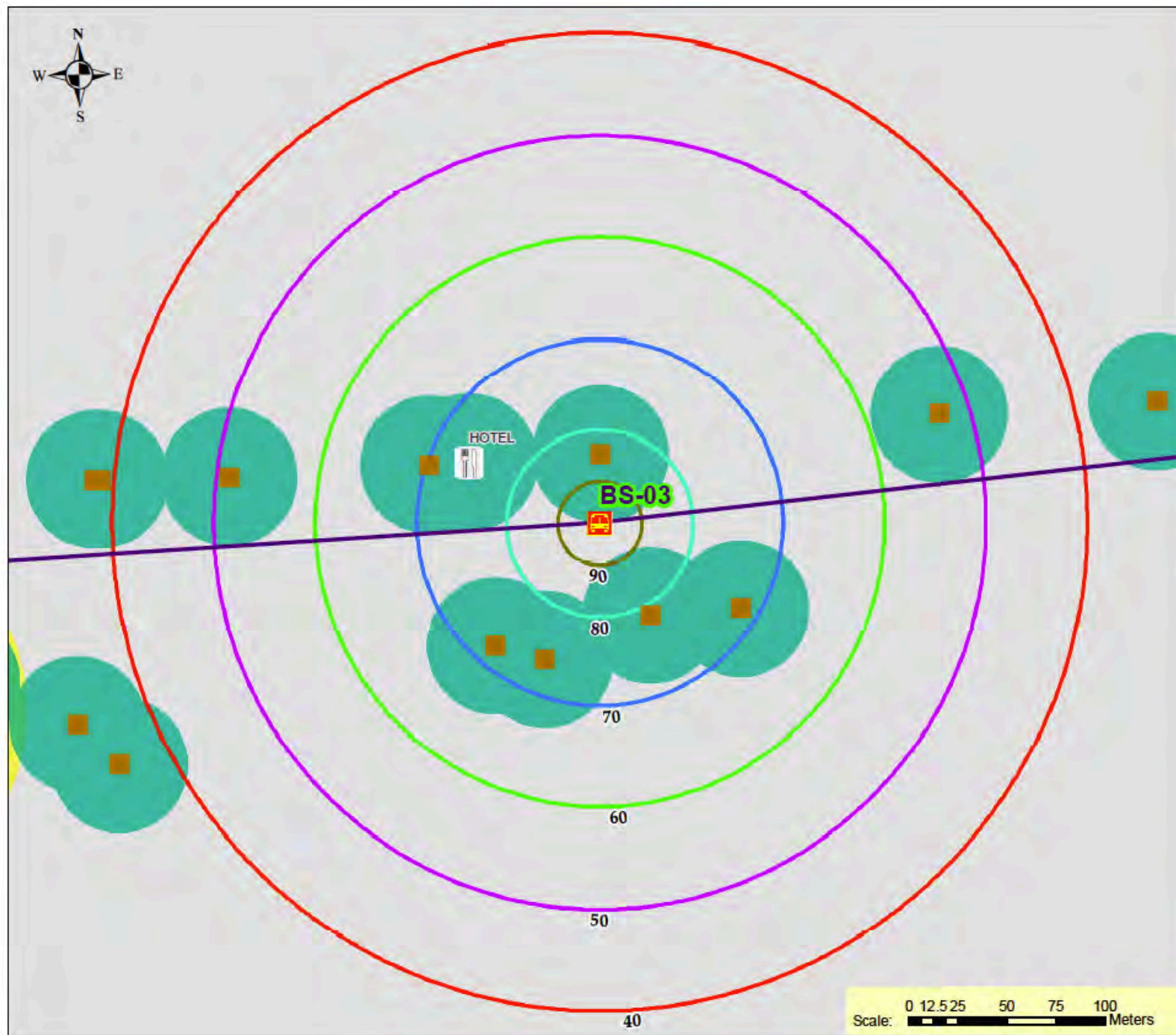
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-3

Sheet 3 of 31

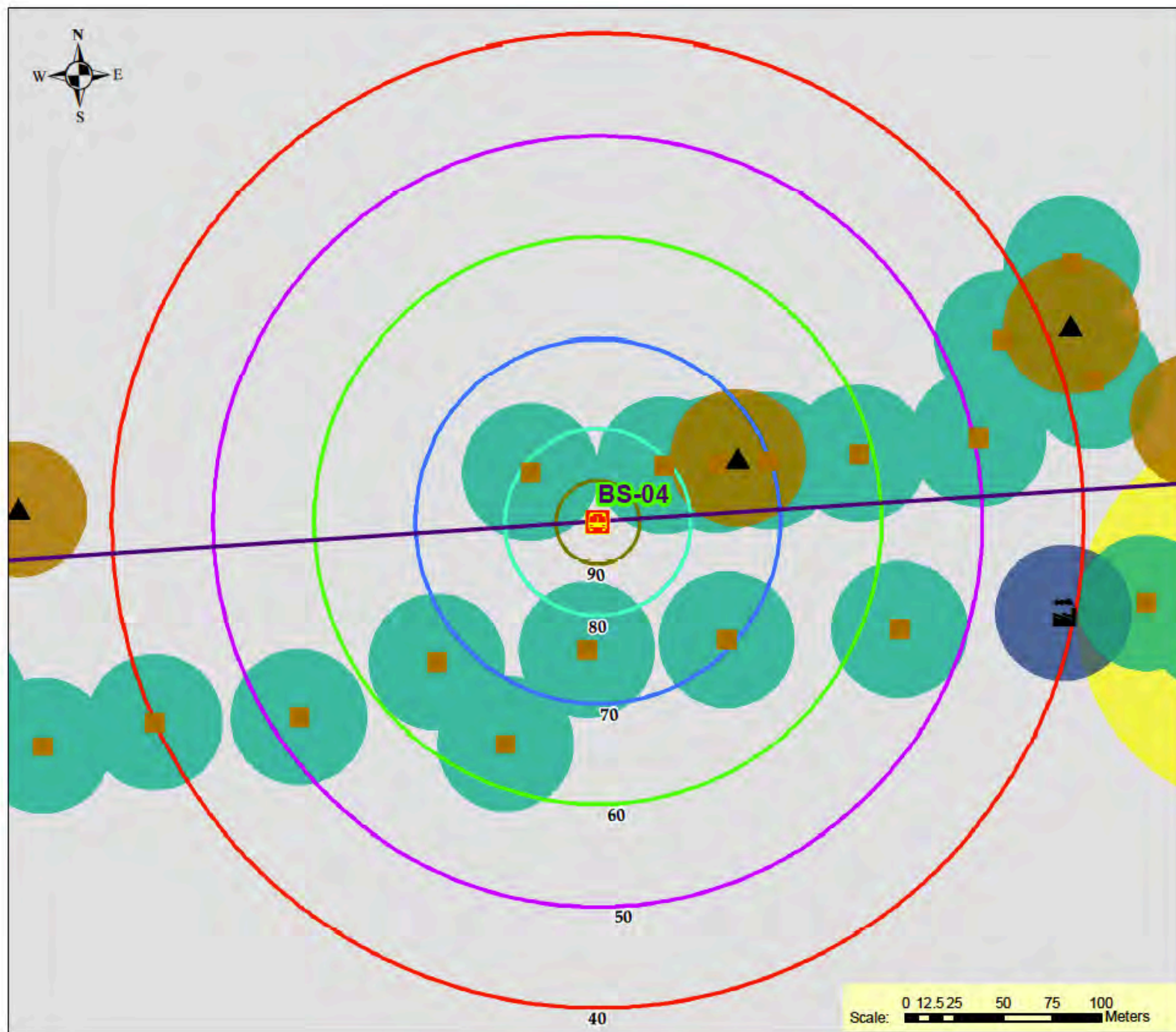
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-4

Sheet 4 of 31

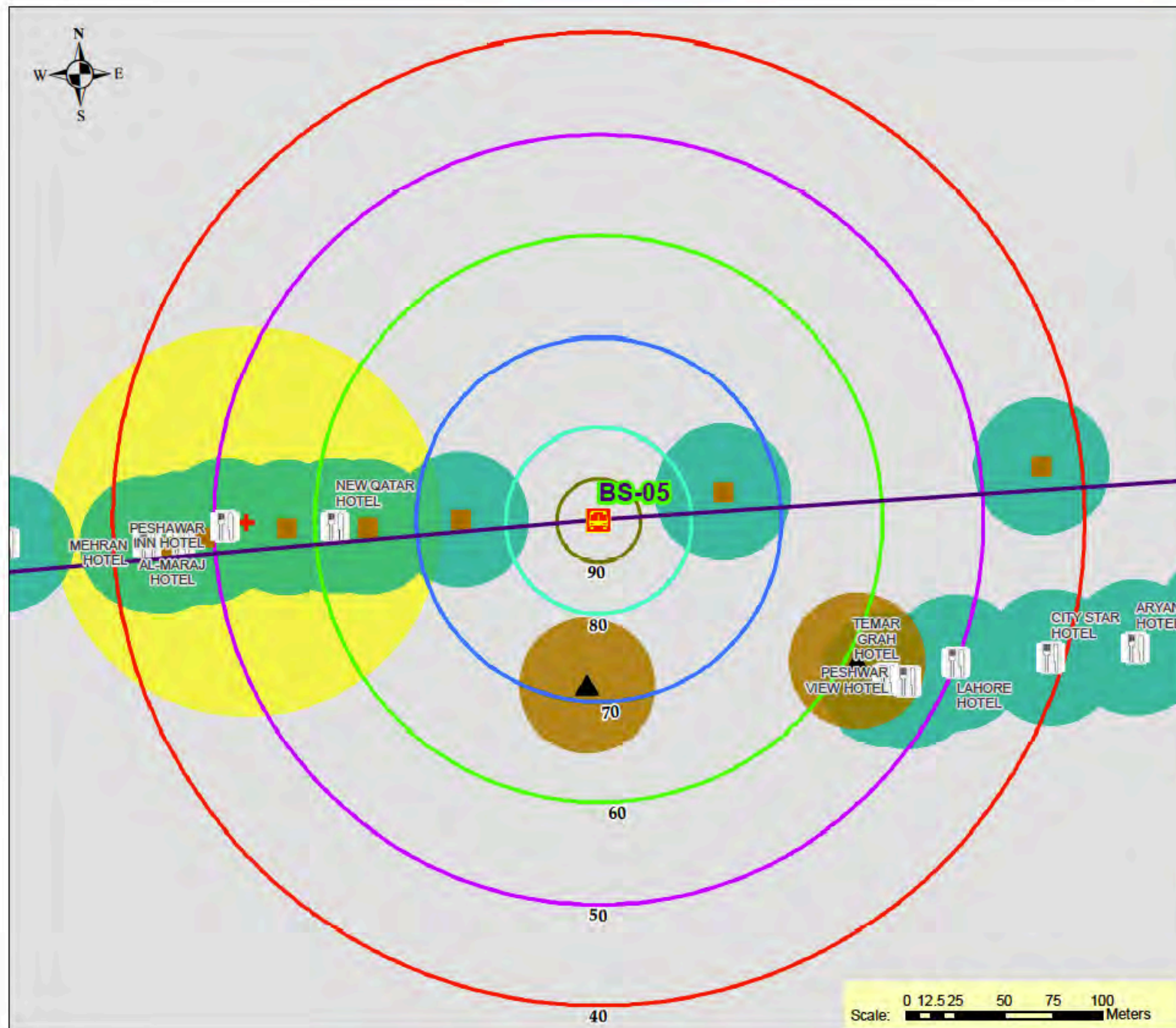
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-5

Sheet 5 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-6

Sheet 6 of 31

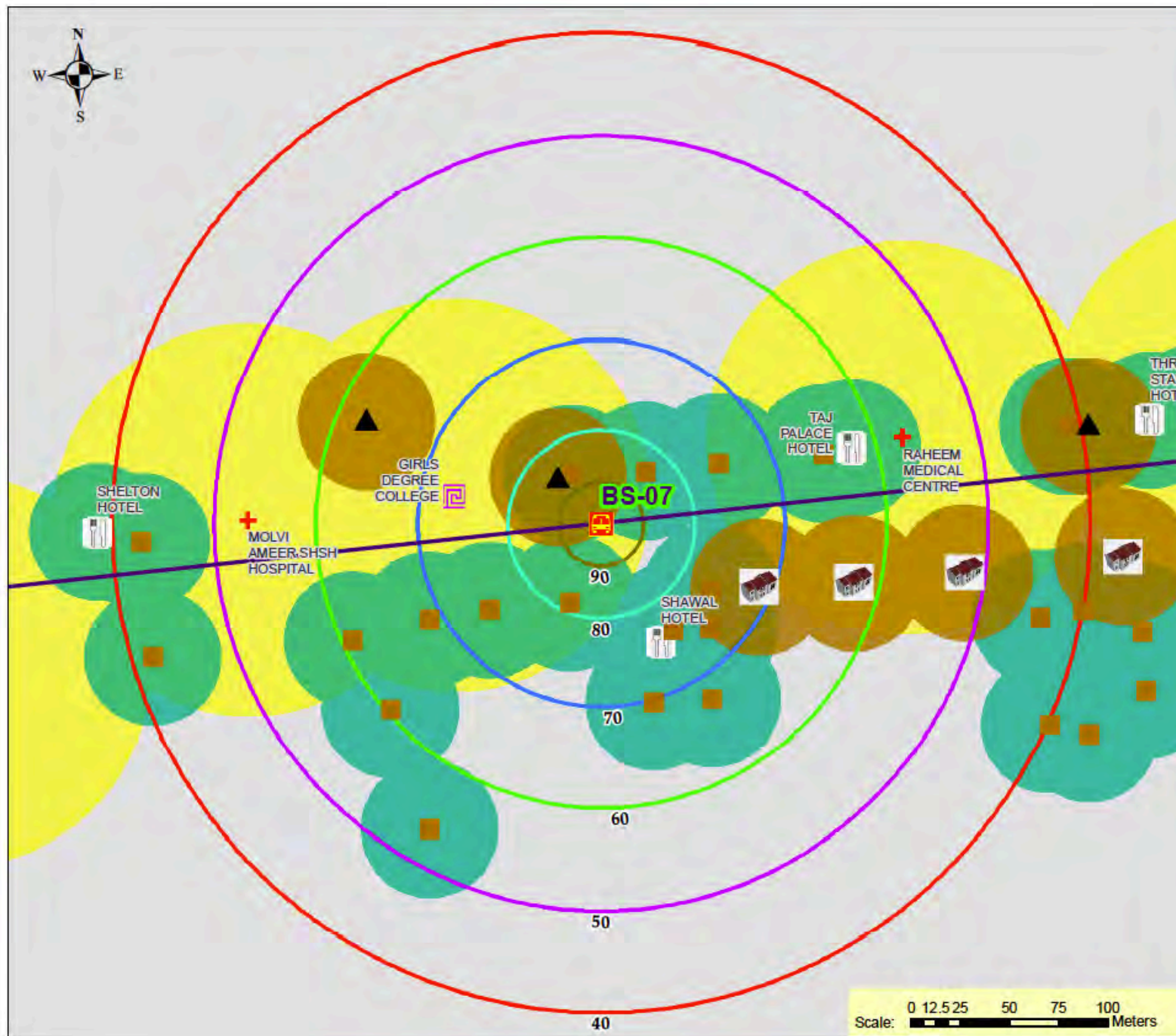
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-7

Sheet 7 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-8
Sheet 8 of 31

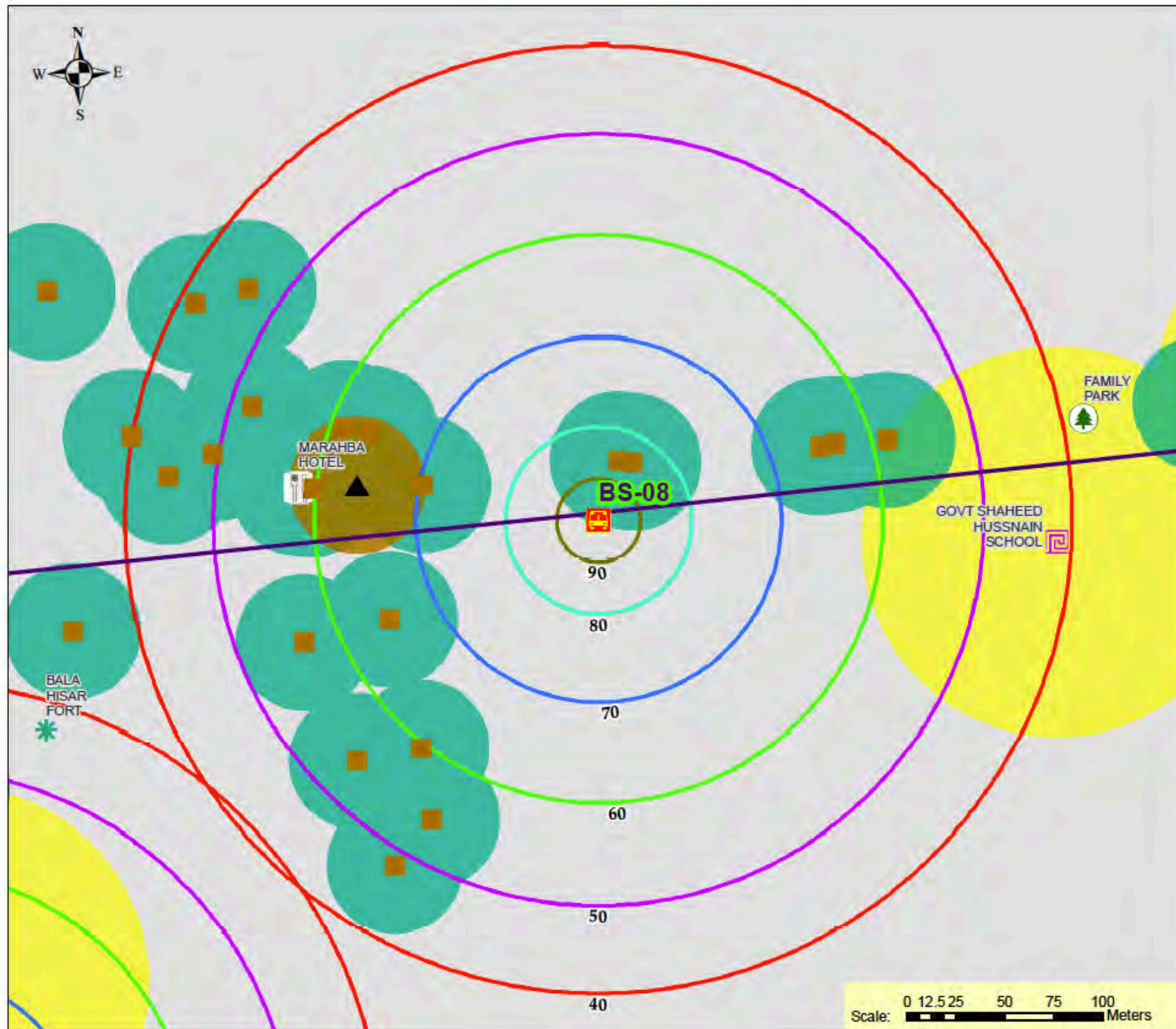
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-9

Sheet 9 of 31

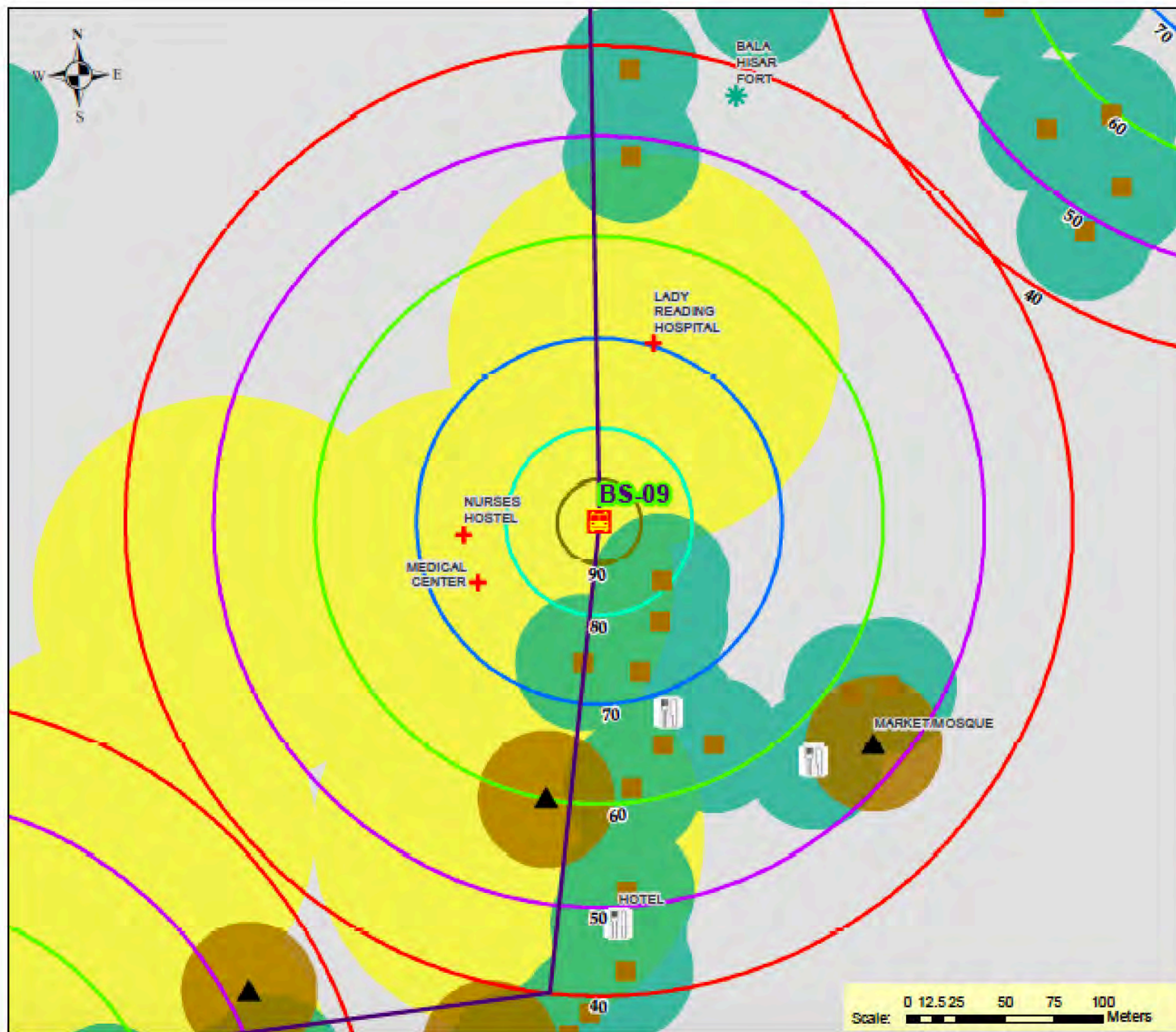
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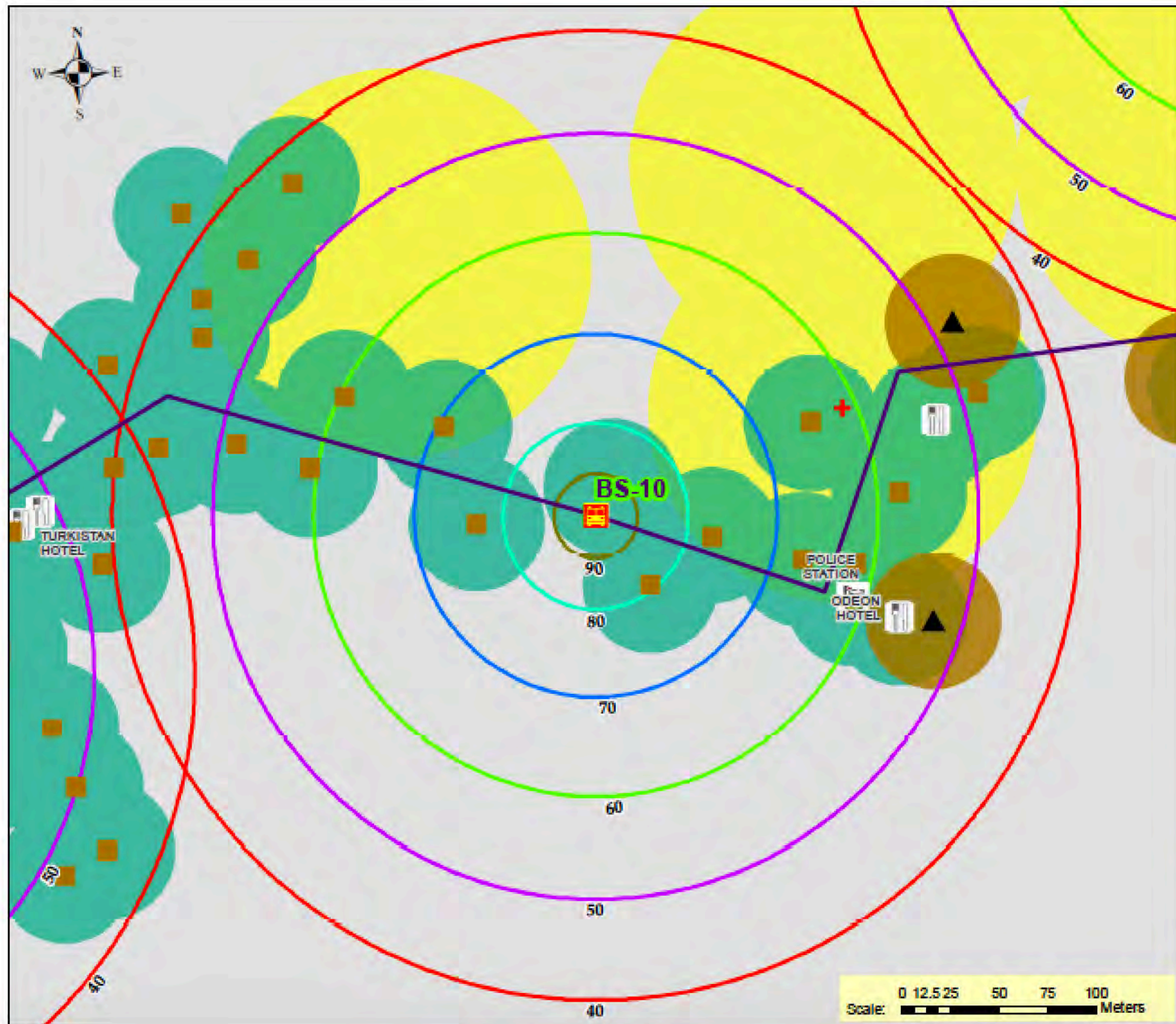
Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-10

Sheet 10 of 31

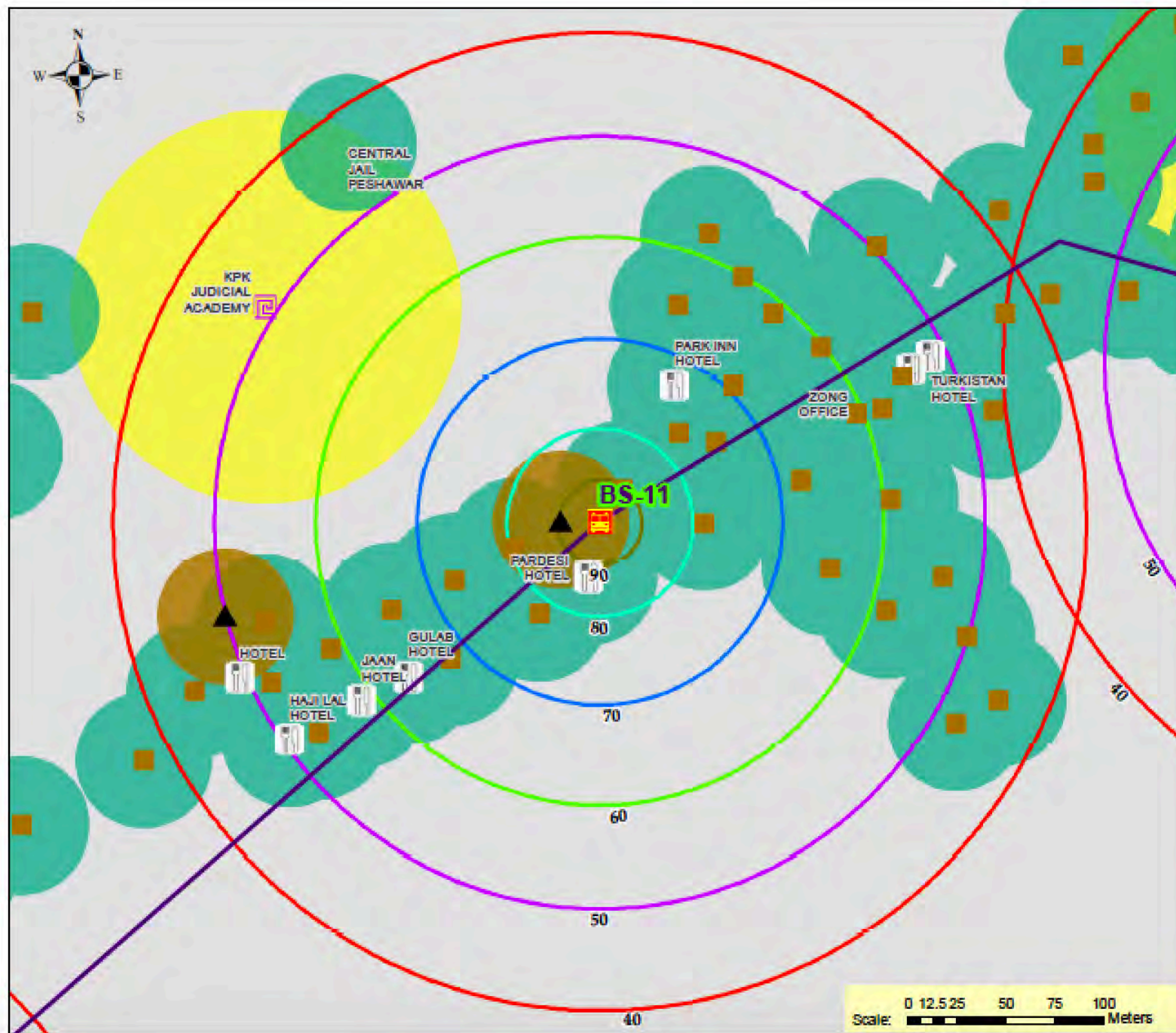
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-11

Sheet 11 of 31

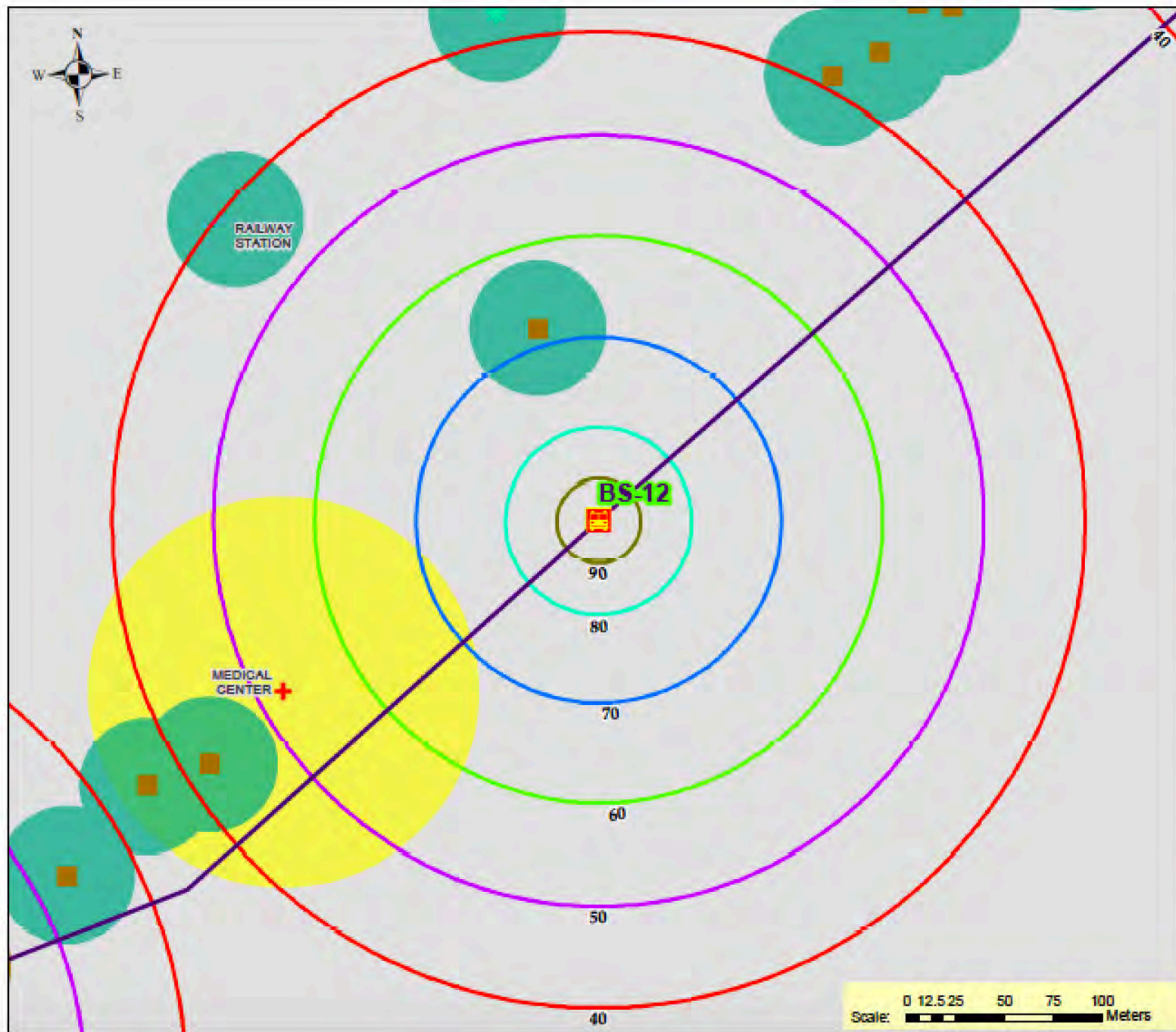
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-12

Sheet 12 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend



Proposed Metro Station



Proposed Metro Route

40 dB(A)

50 dB(A)

60 dB(A)

70 dB(A)

80 dB(A)

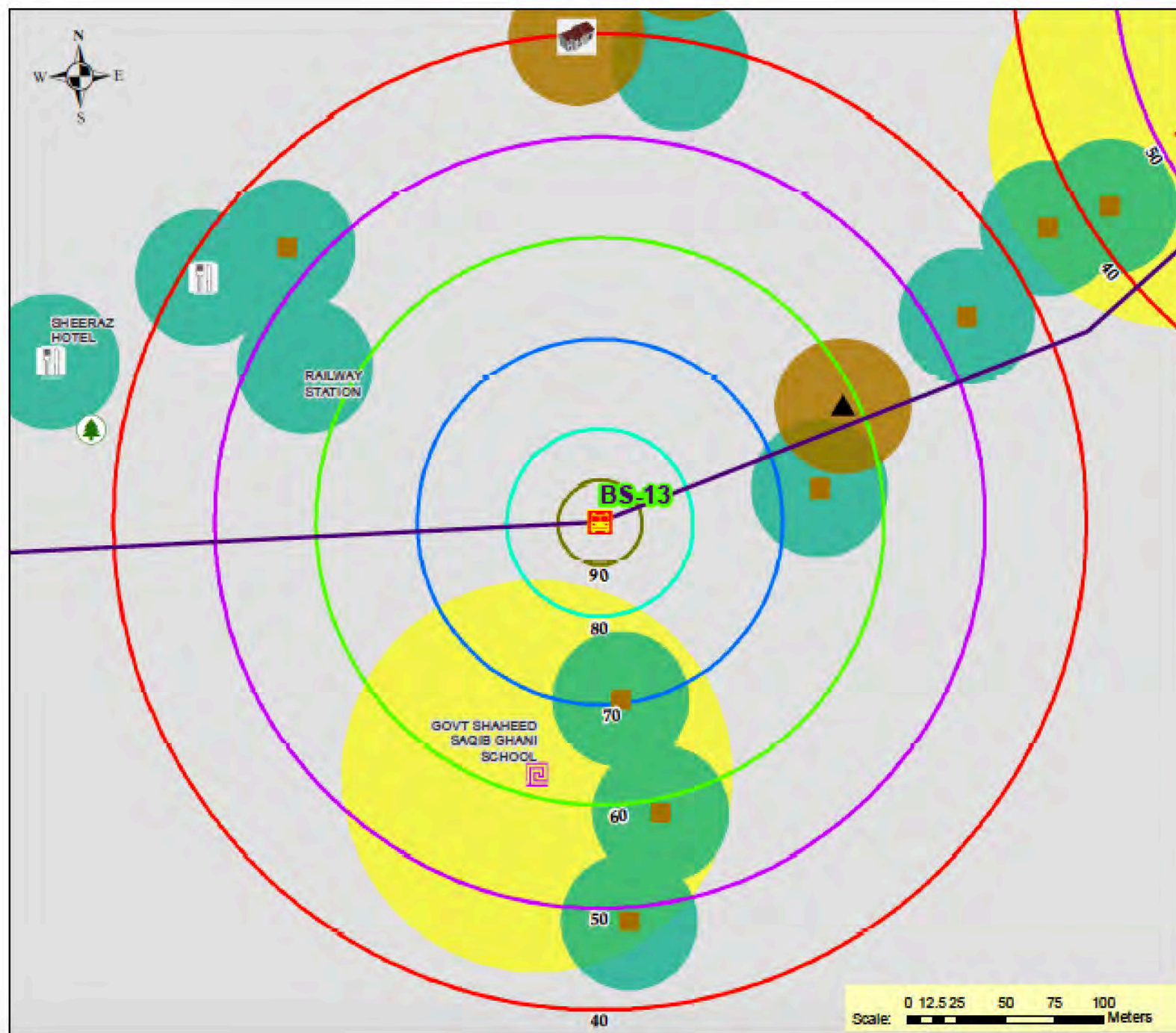
90 dB(A)

Silent Zone

Residential Zone

Commercial Zone

Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-13

Sheet 13 of 31

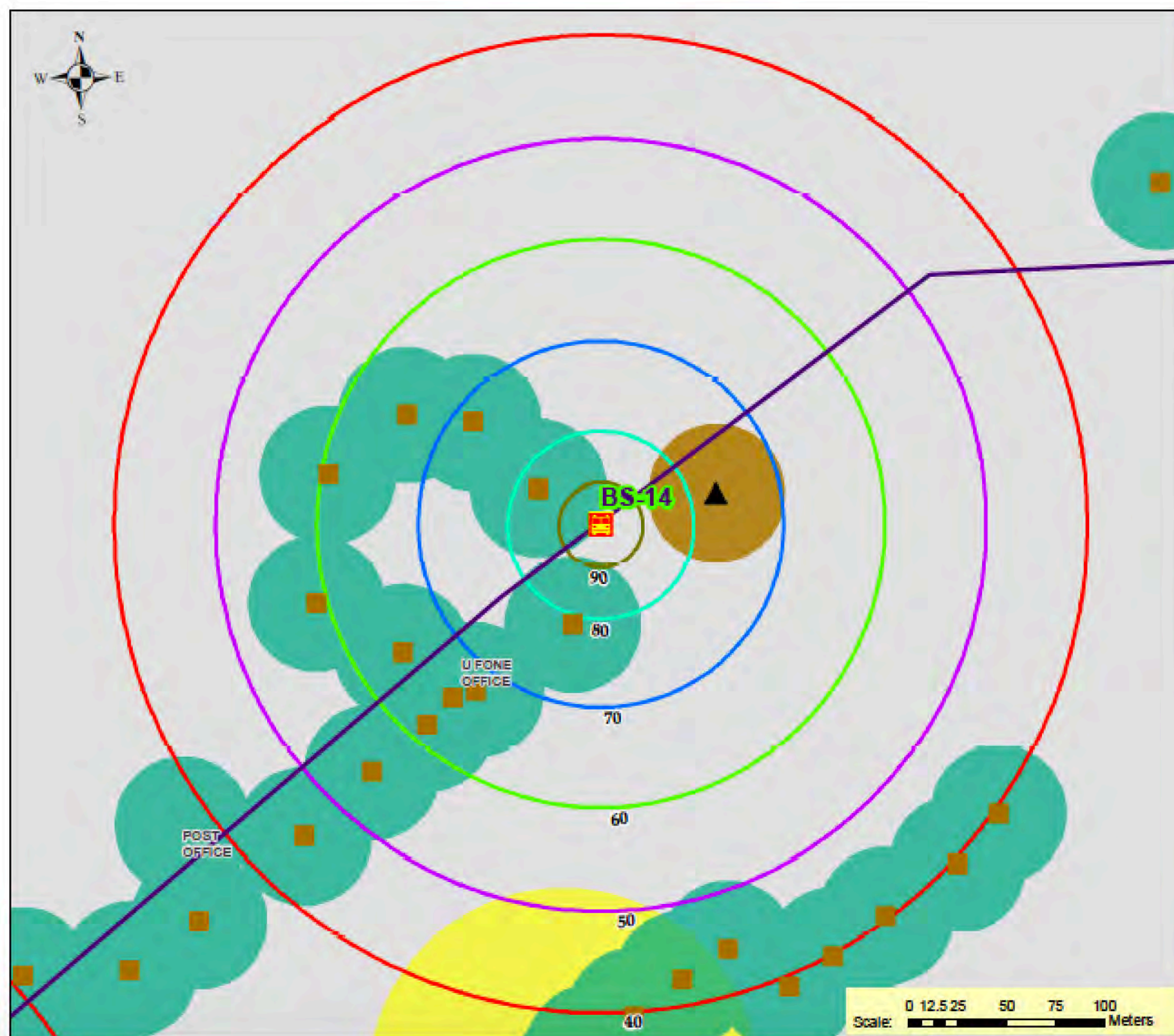
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-14

Sheet 14 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-15

Sheet 15 of 31

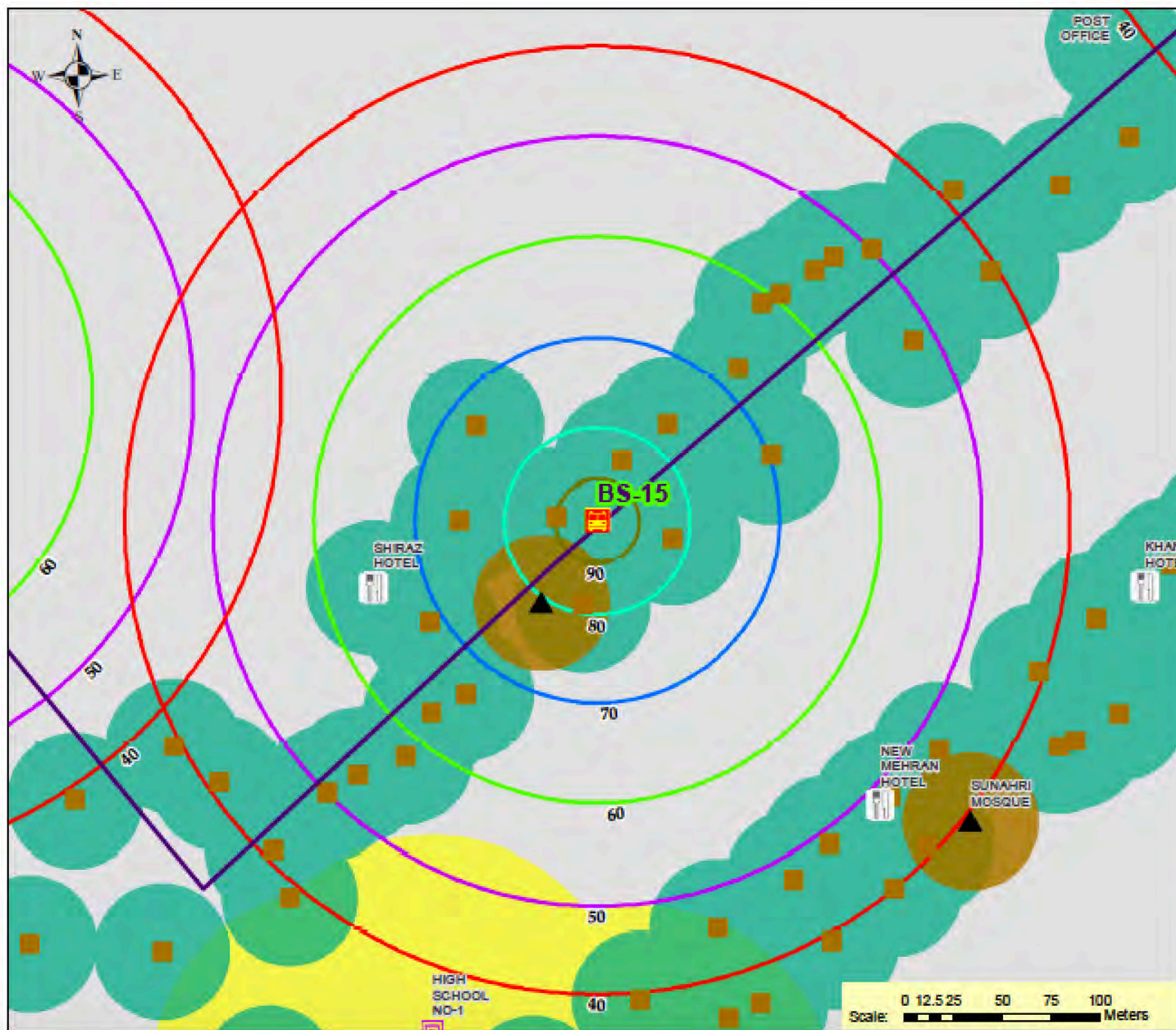
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-16
Sheet 16 of 31

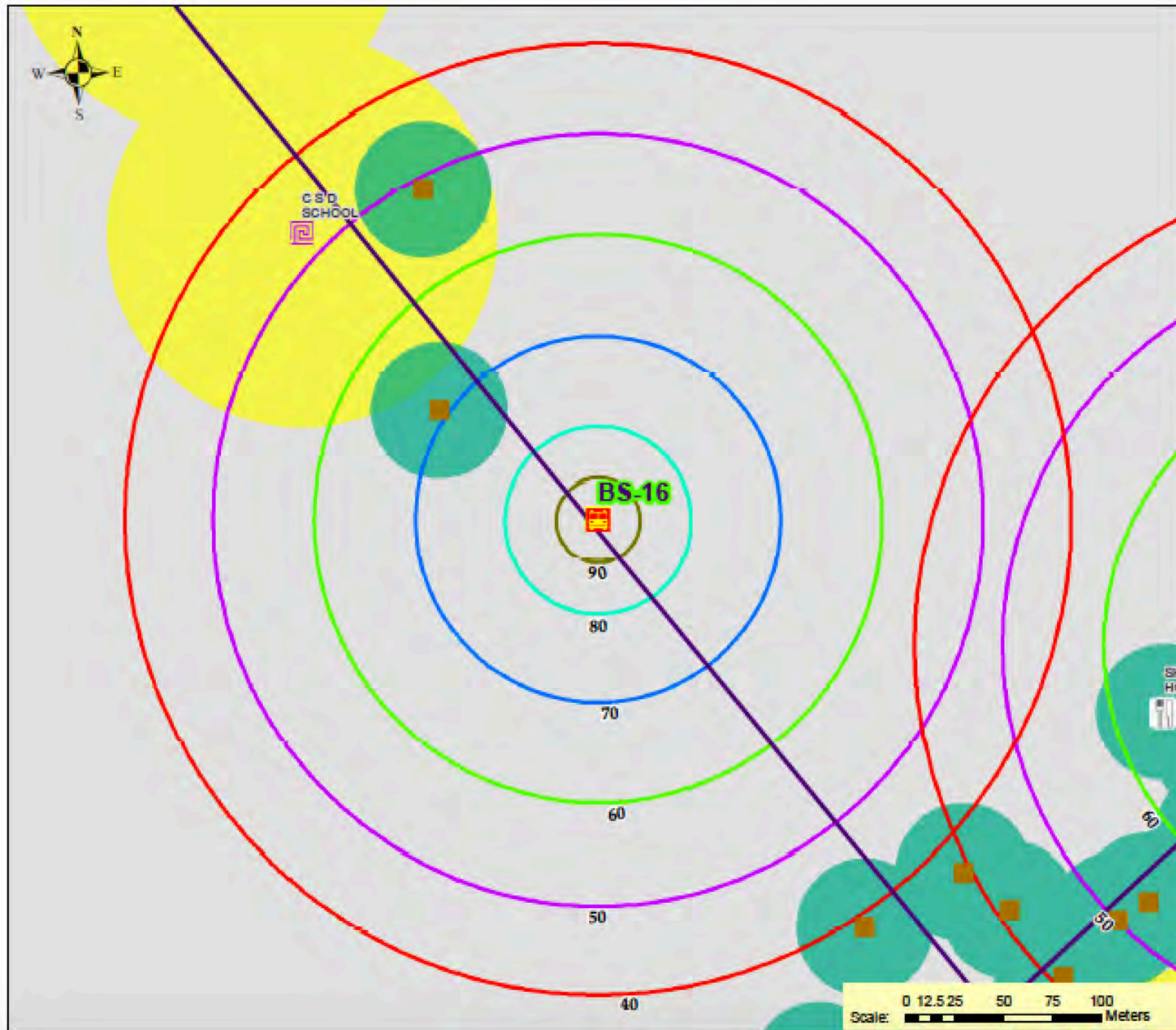
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-17
Sheet 17 of 31

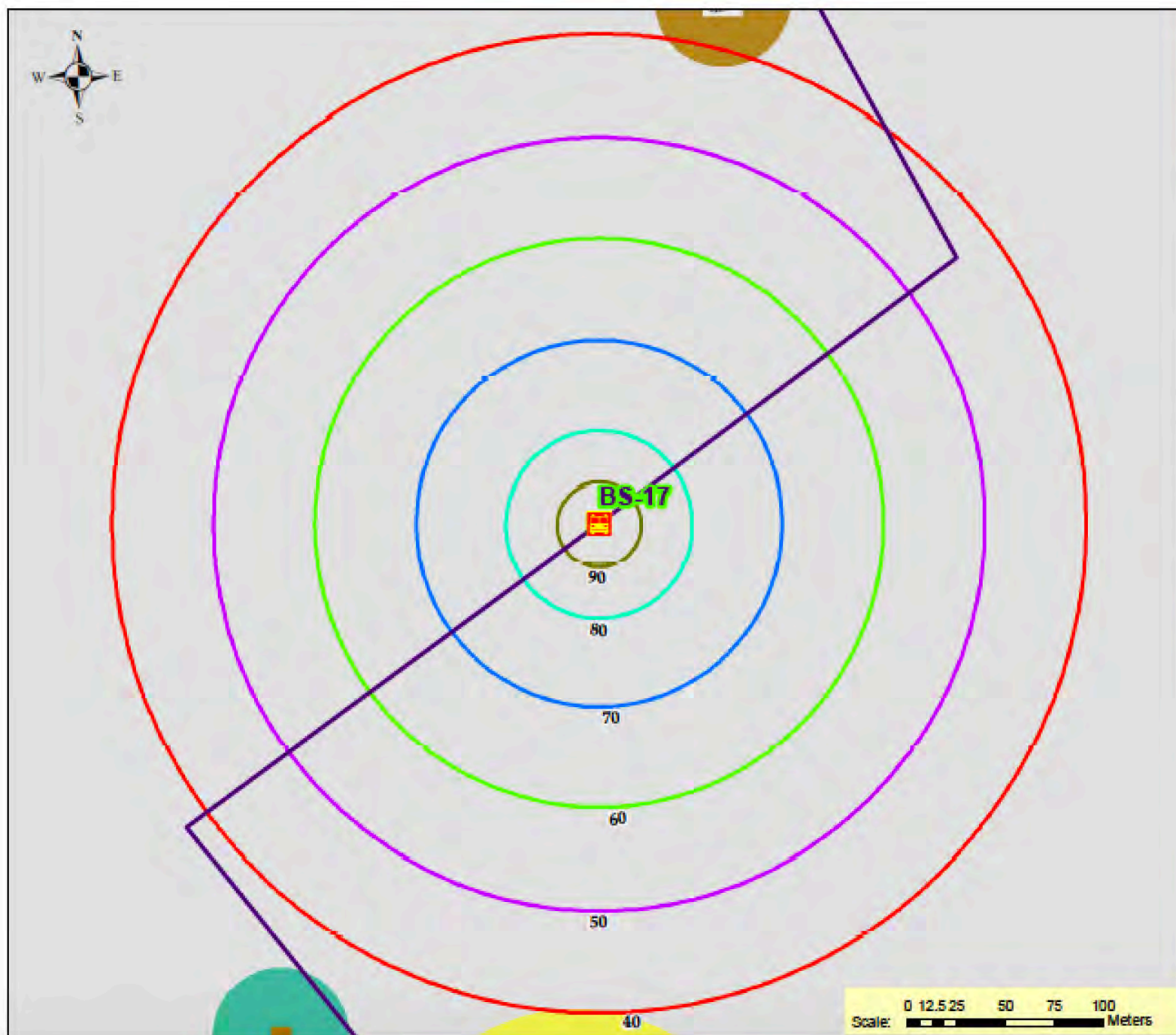
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-18
Sheet 18 of 31

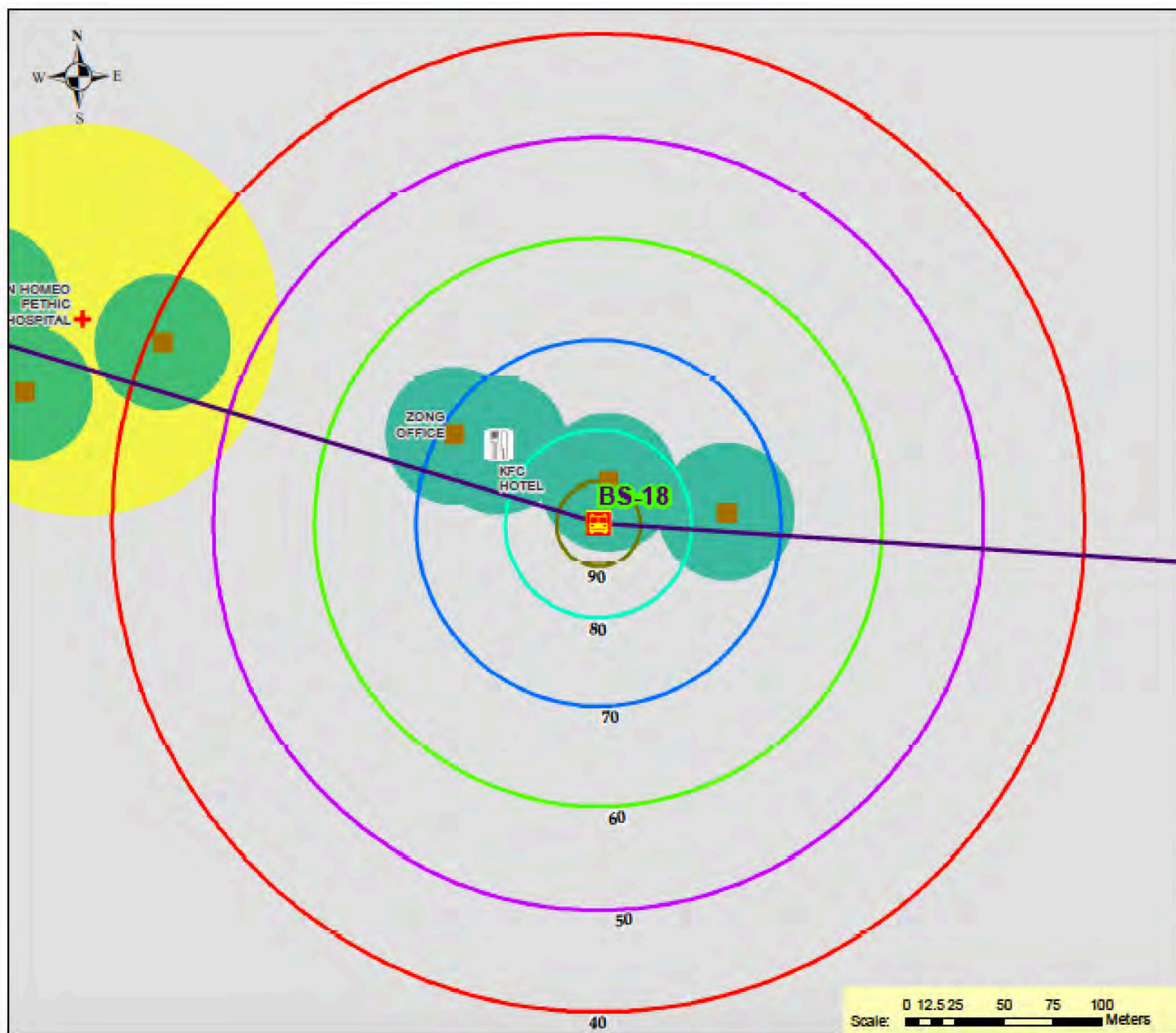
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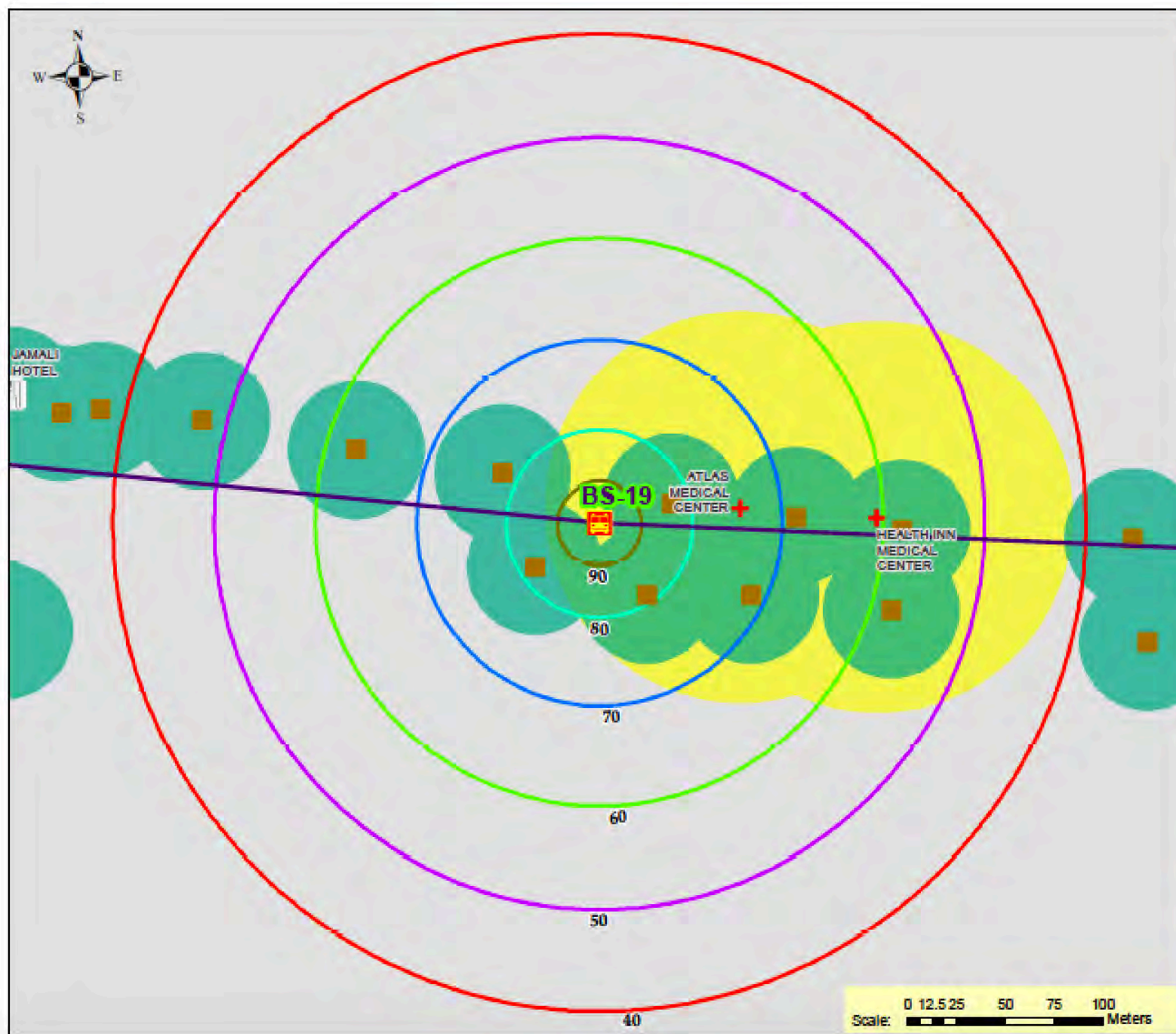
Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-19
Sheet 19 of 31

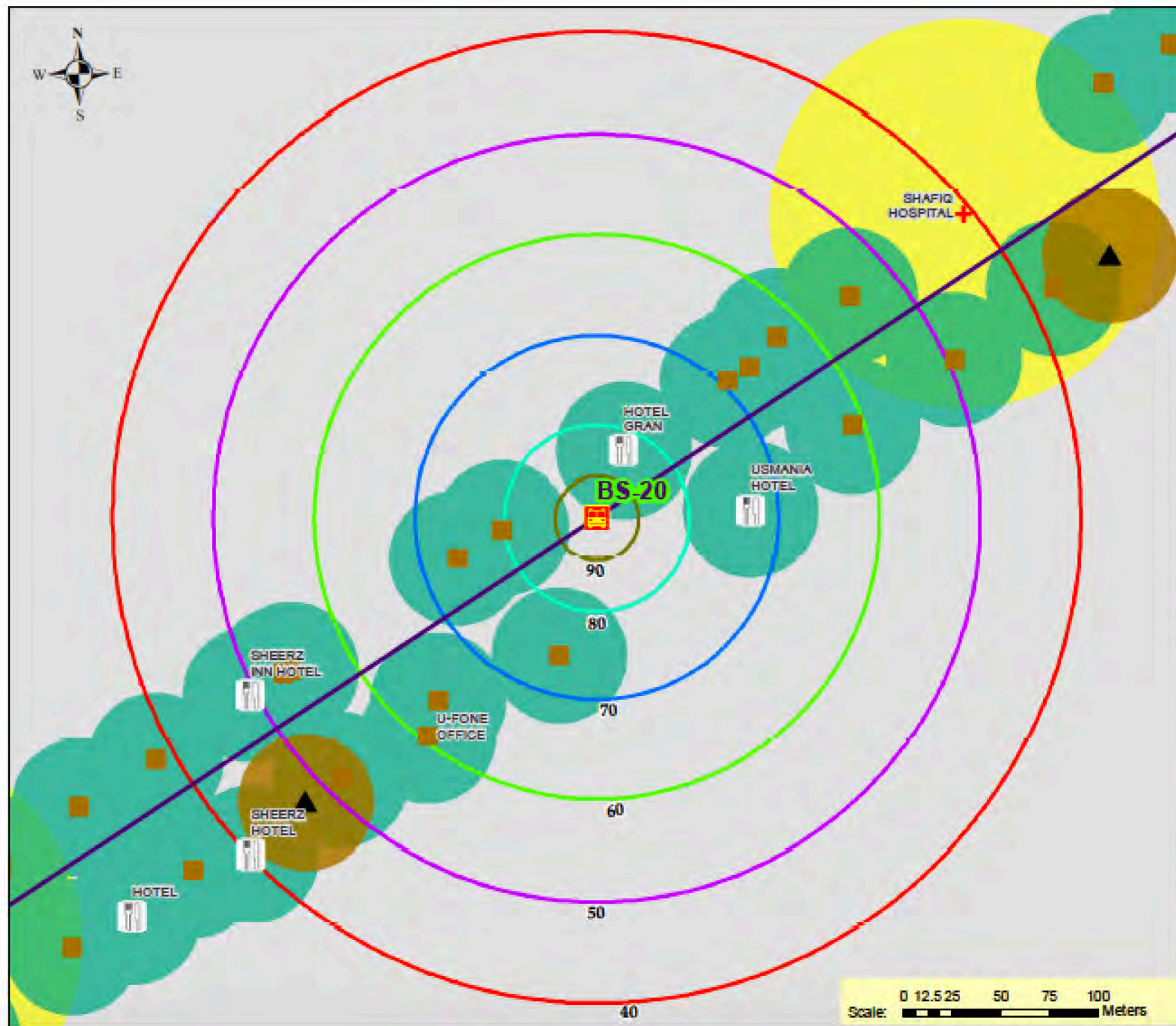
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-20
Sheet 20 of 31

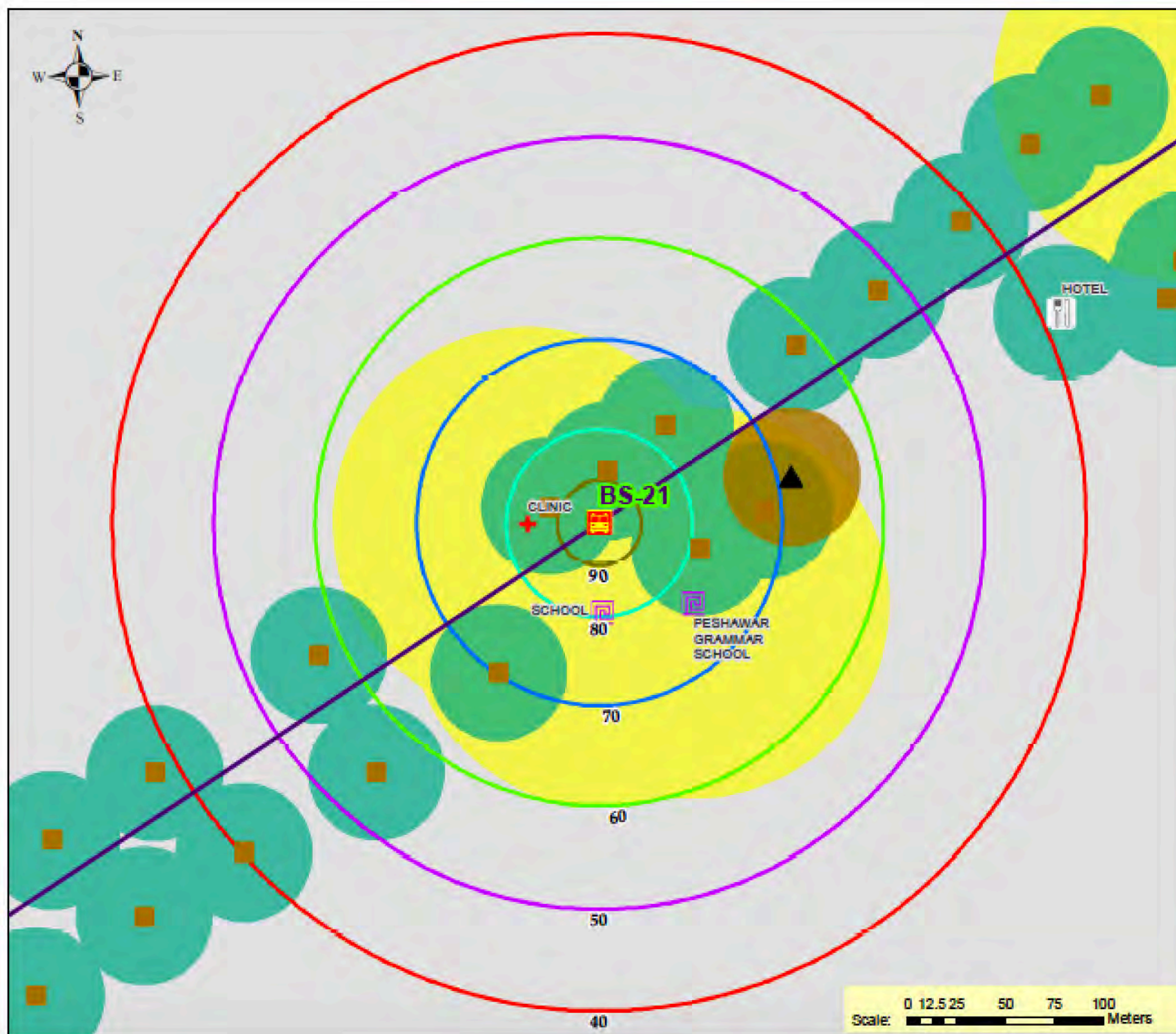
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-21

Sheet 21 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-22
Sheet 22 of 31

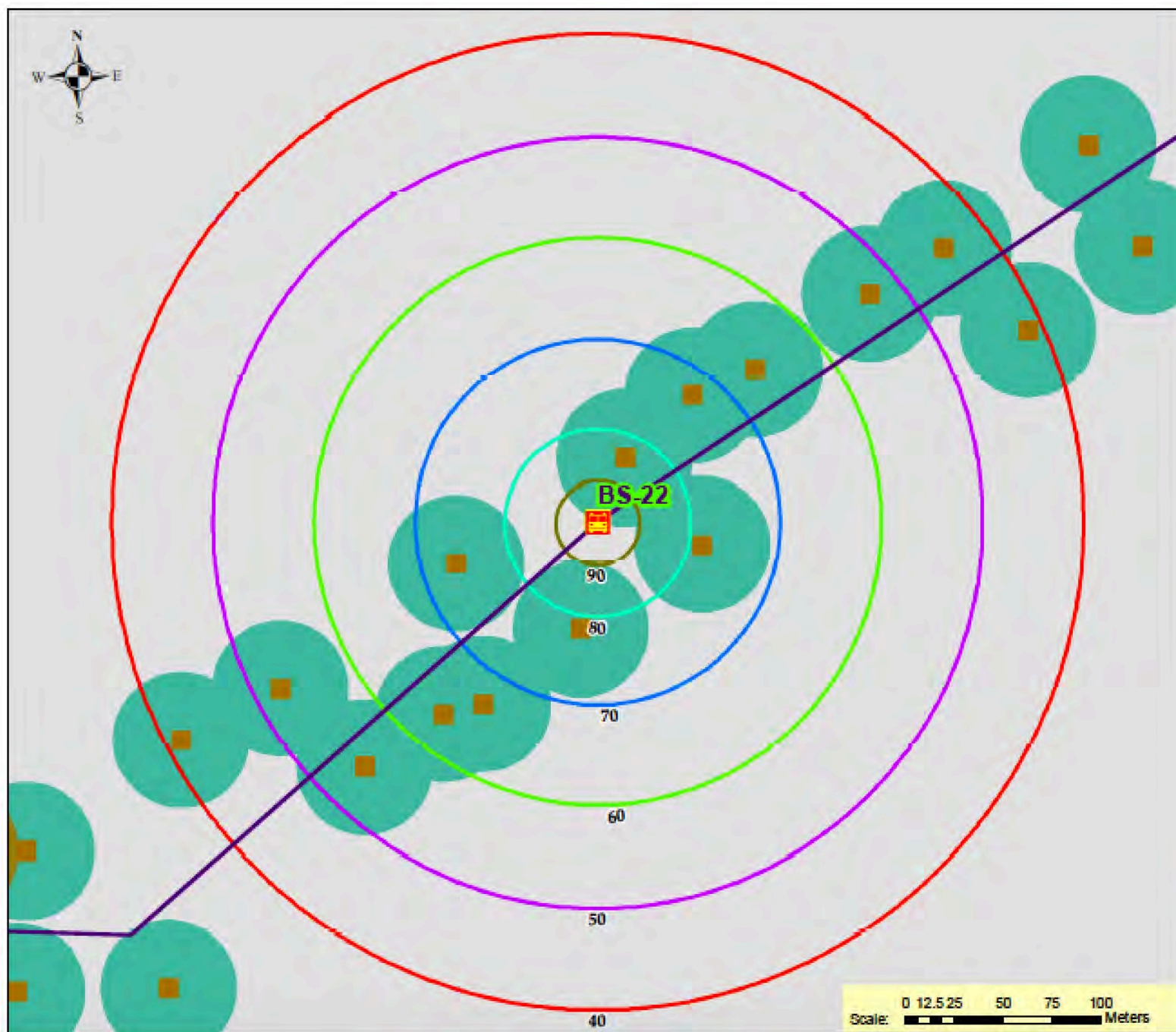
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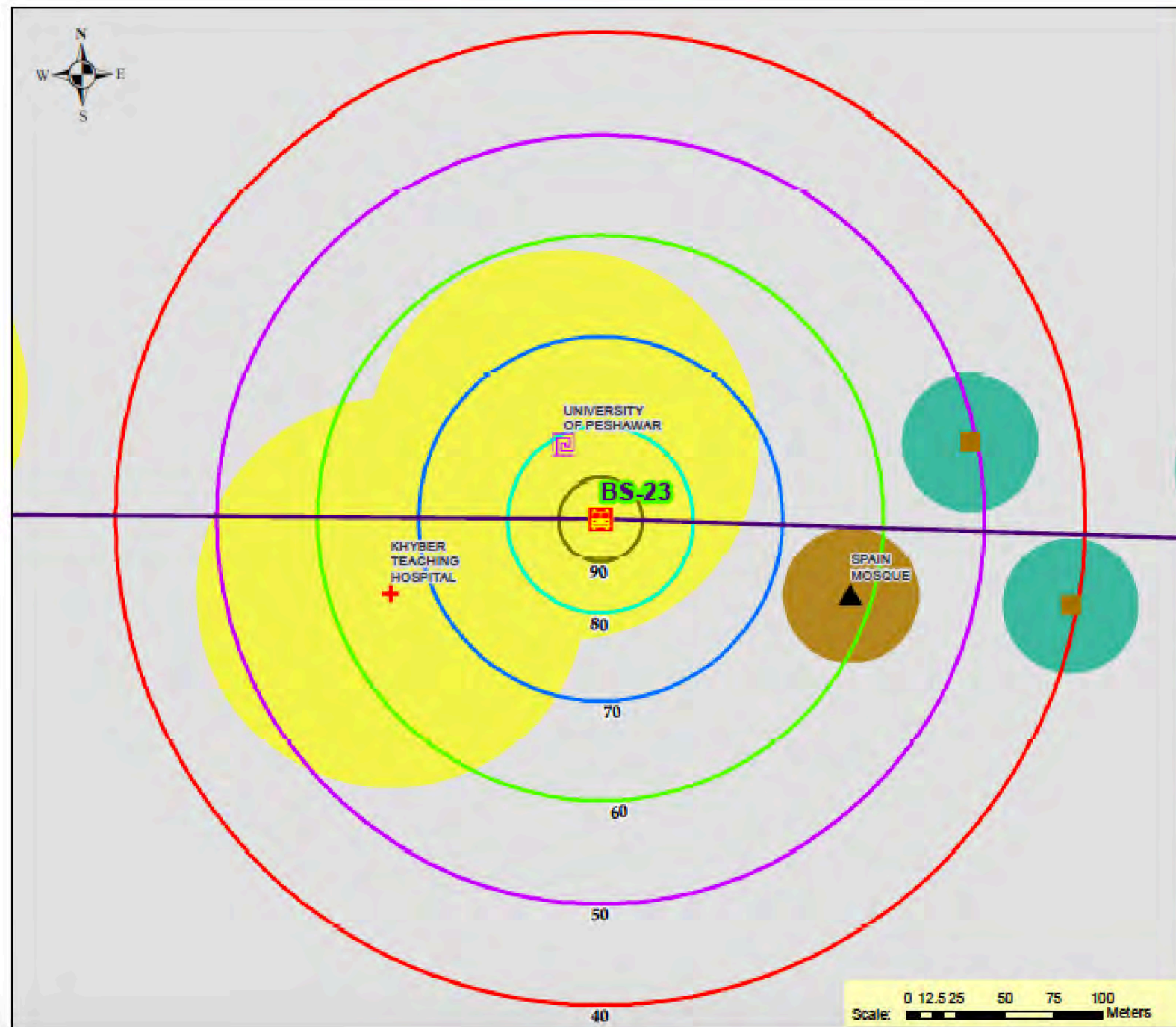
Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-23
Sheet 23 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-24
Sheet 24 of 31

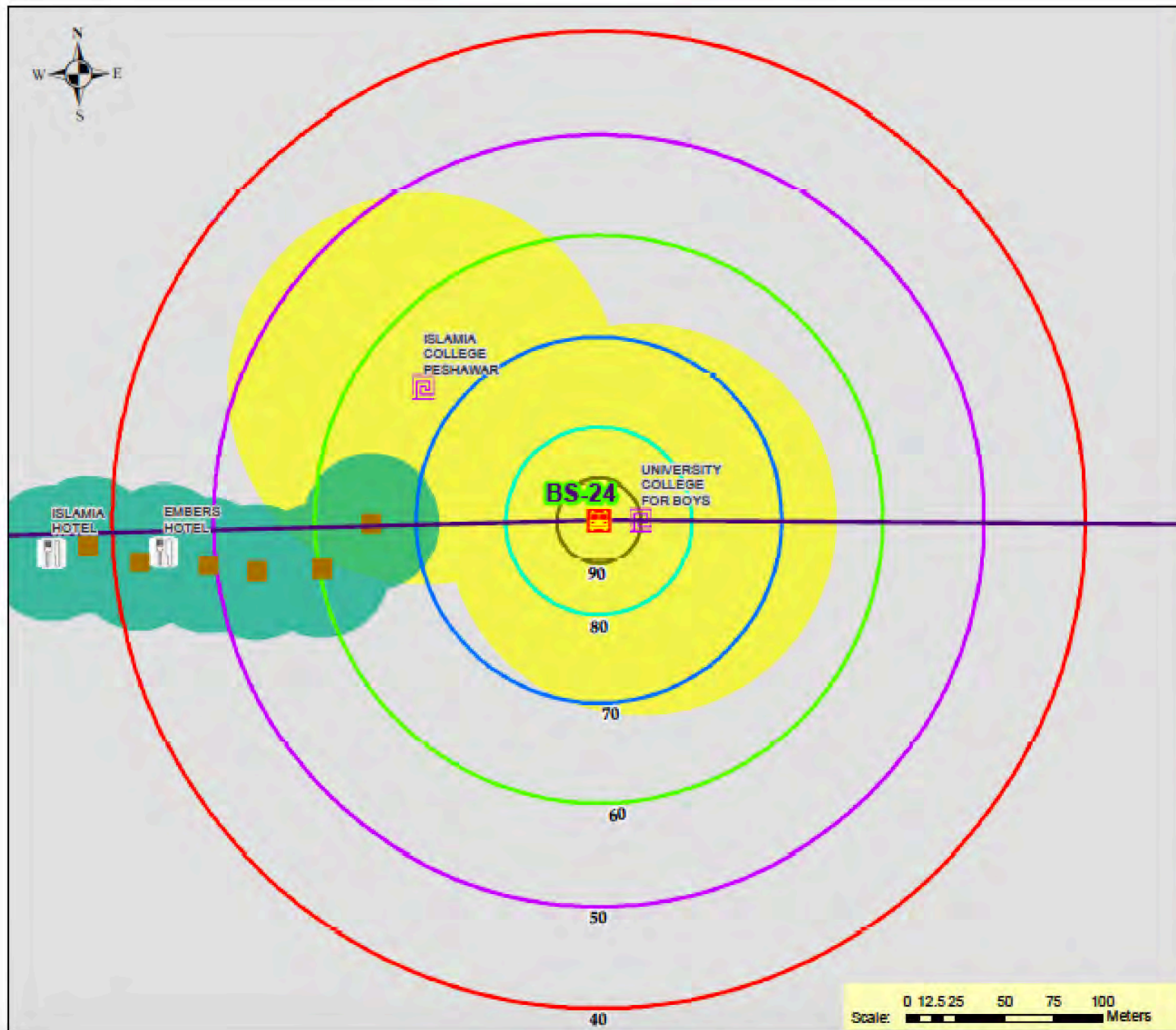
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-25
Sheet 25 of 31

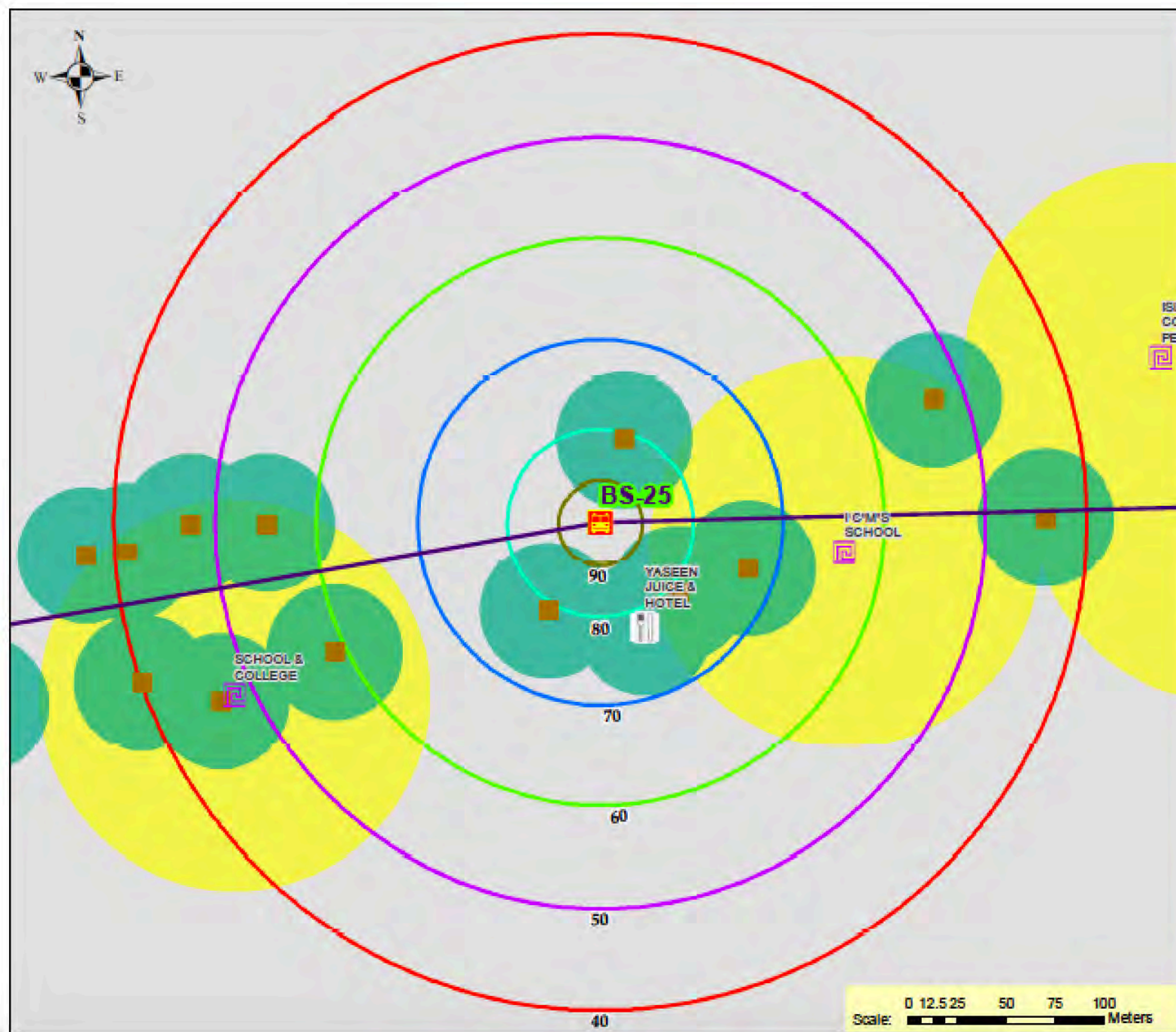
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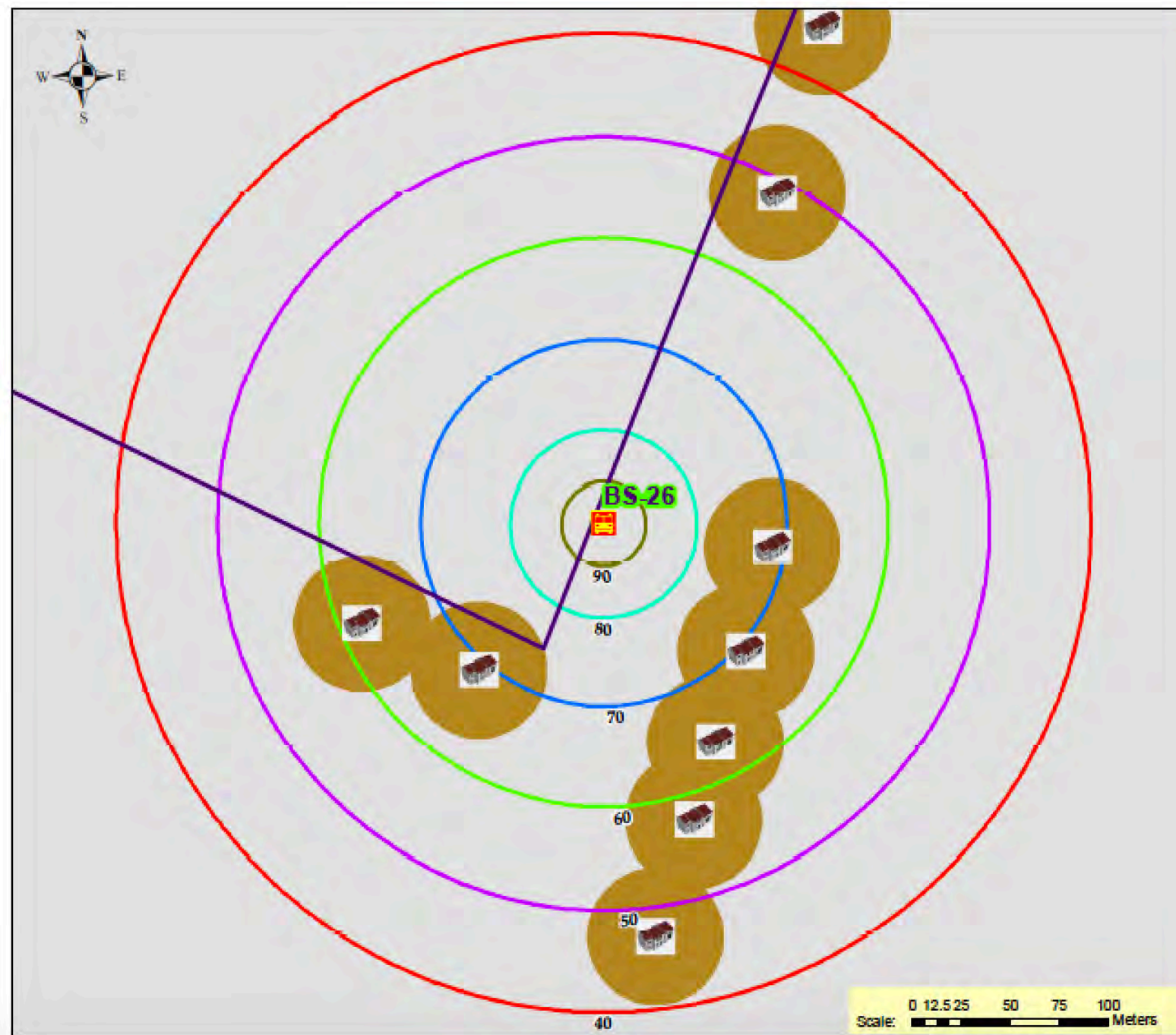
Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-26
Sheet 26 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-27

Sheet 27 of 31

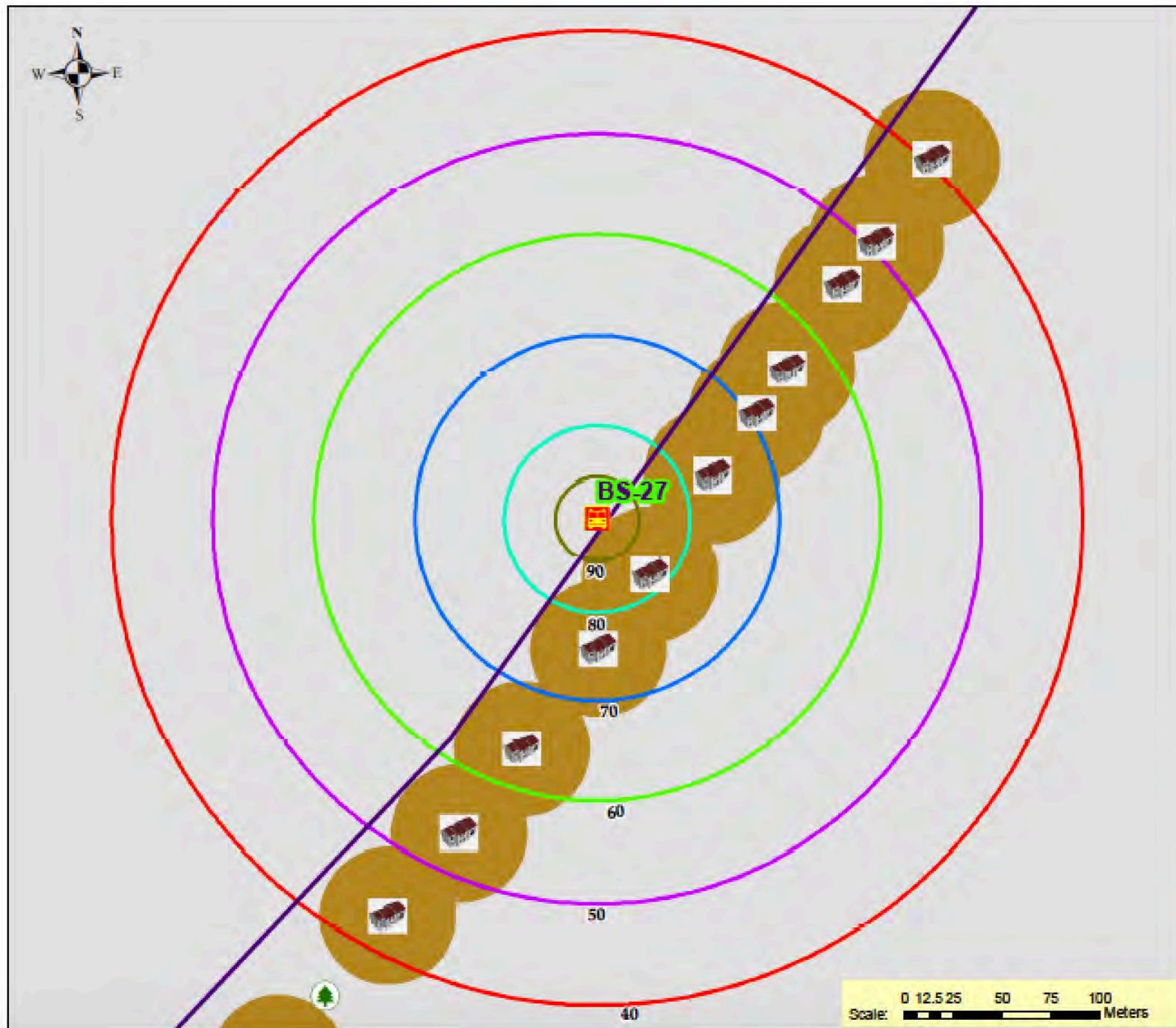
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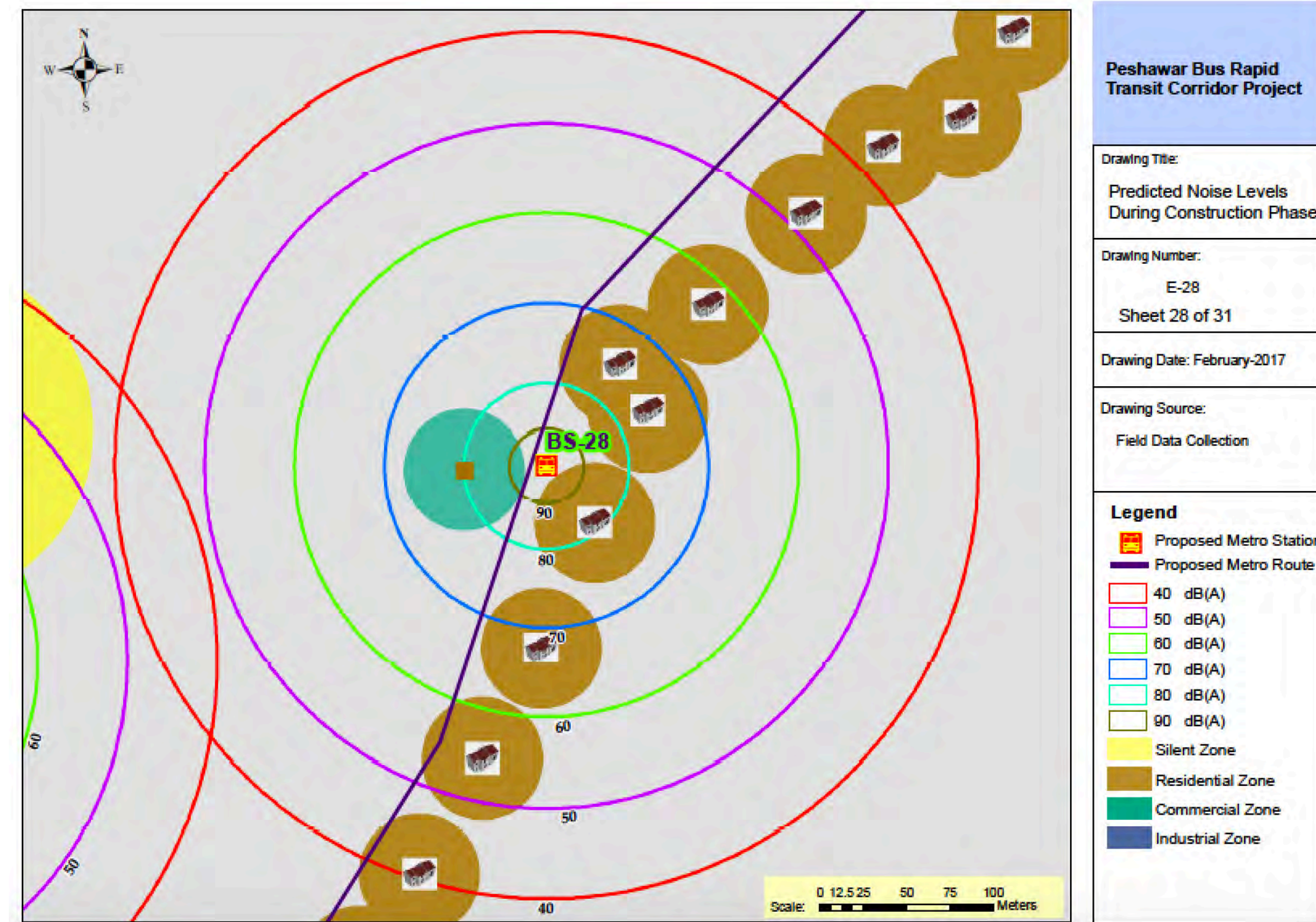
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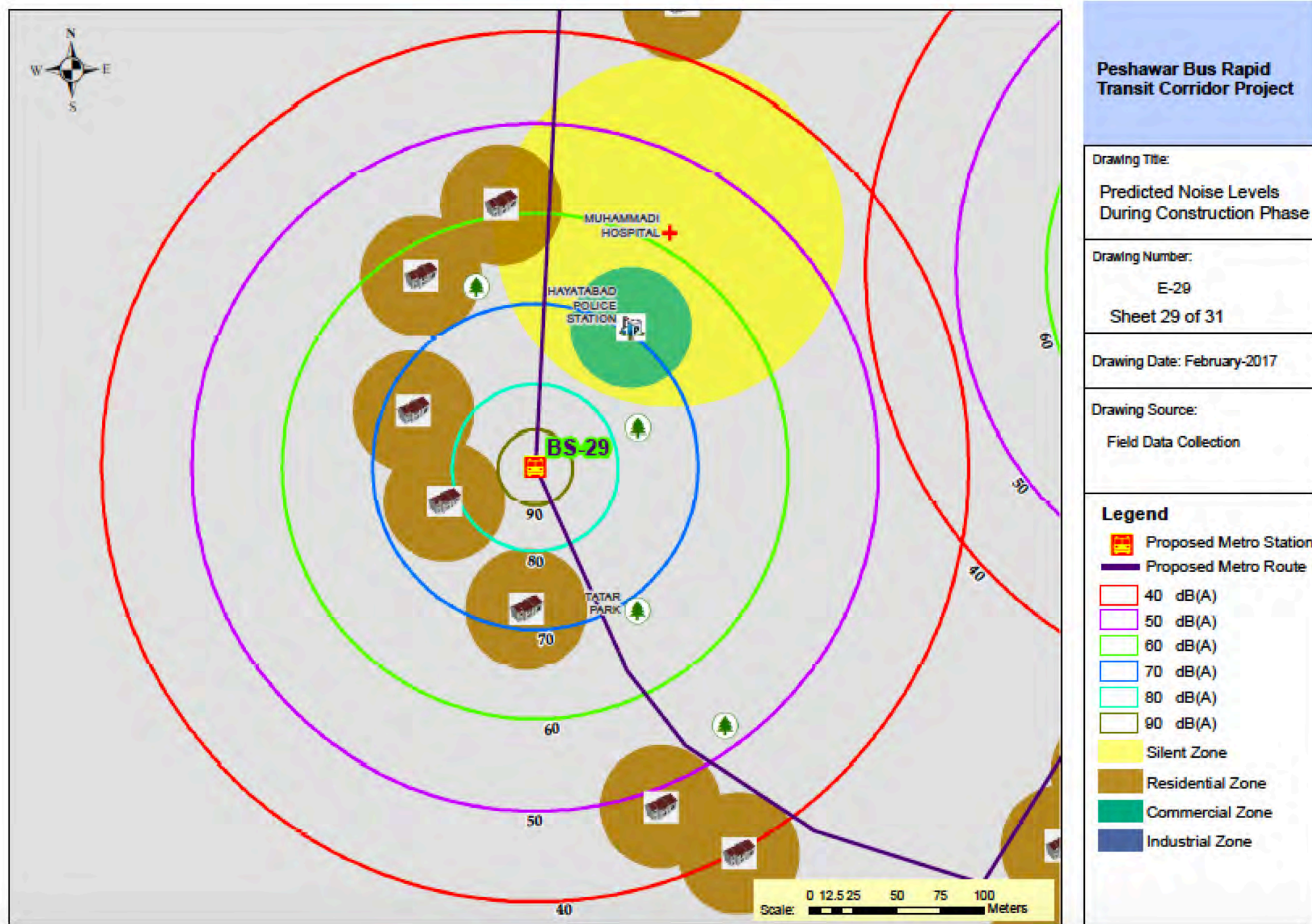
Field Data Collection

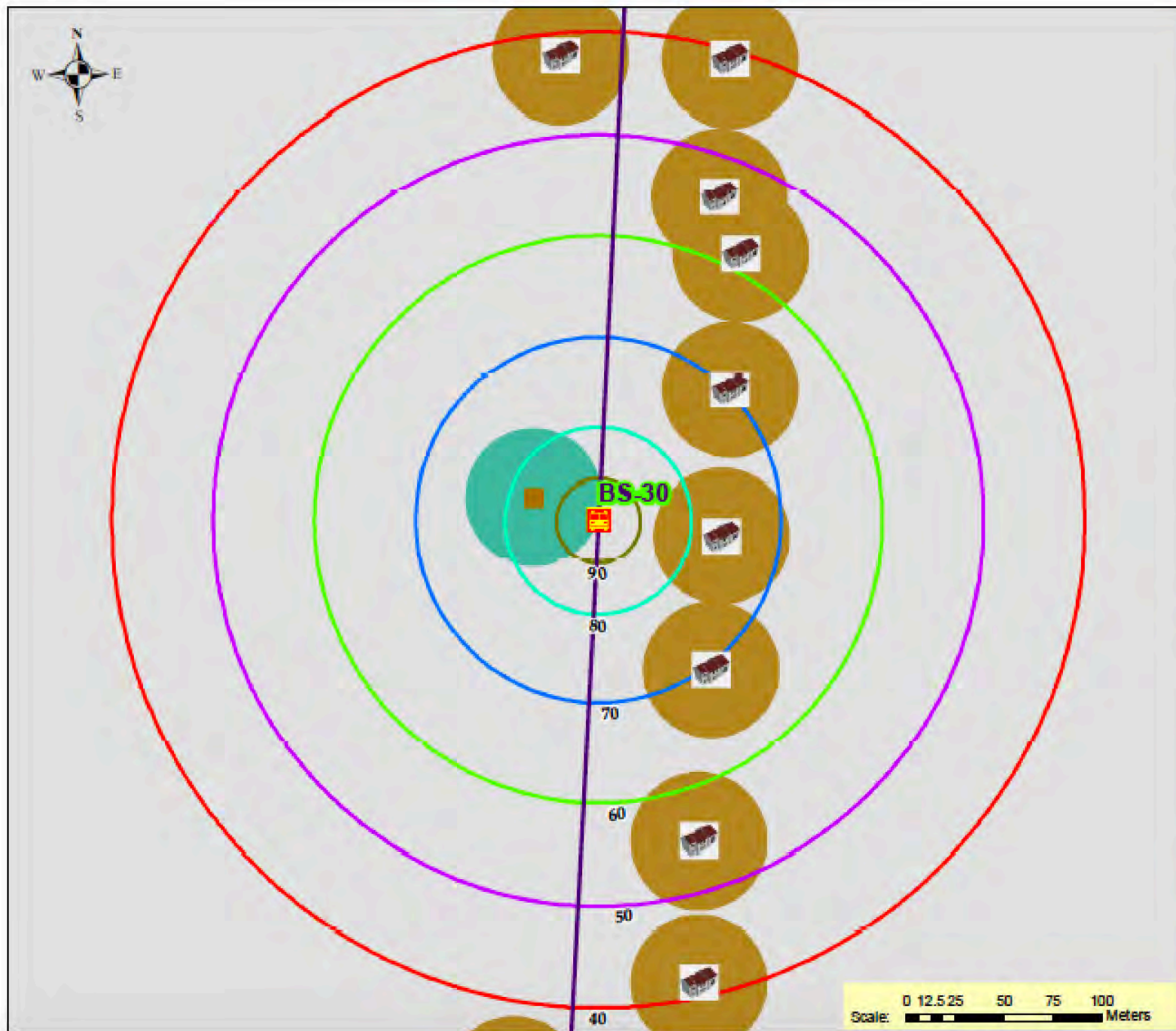
Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone









Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Predicted Noise Levels
During Construction Phase

Drawing Number:

E-30

Sheet 30 of 31

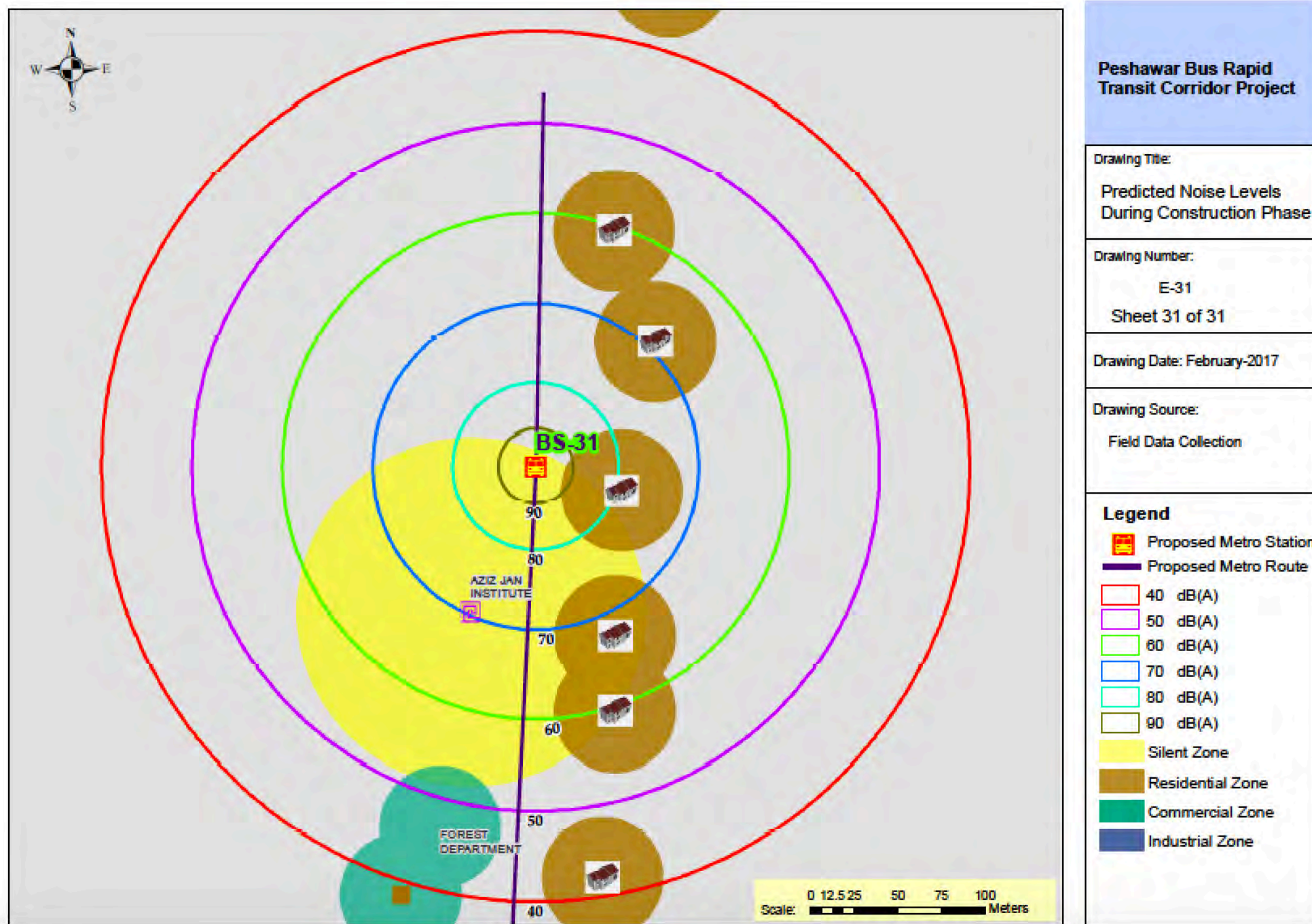
Drawing Date: February-2017

Drawing Source:

Field Data Collection

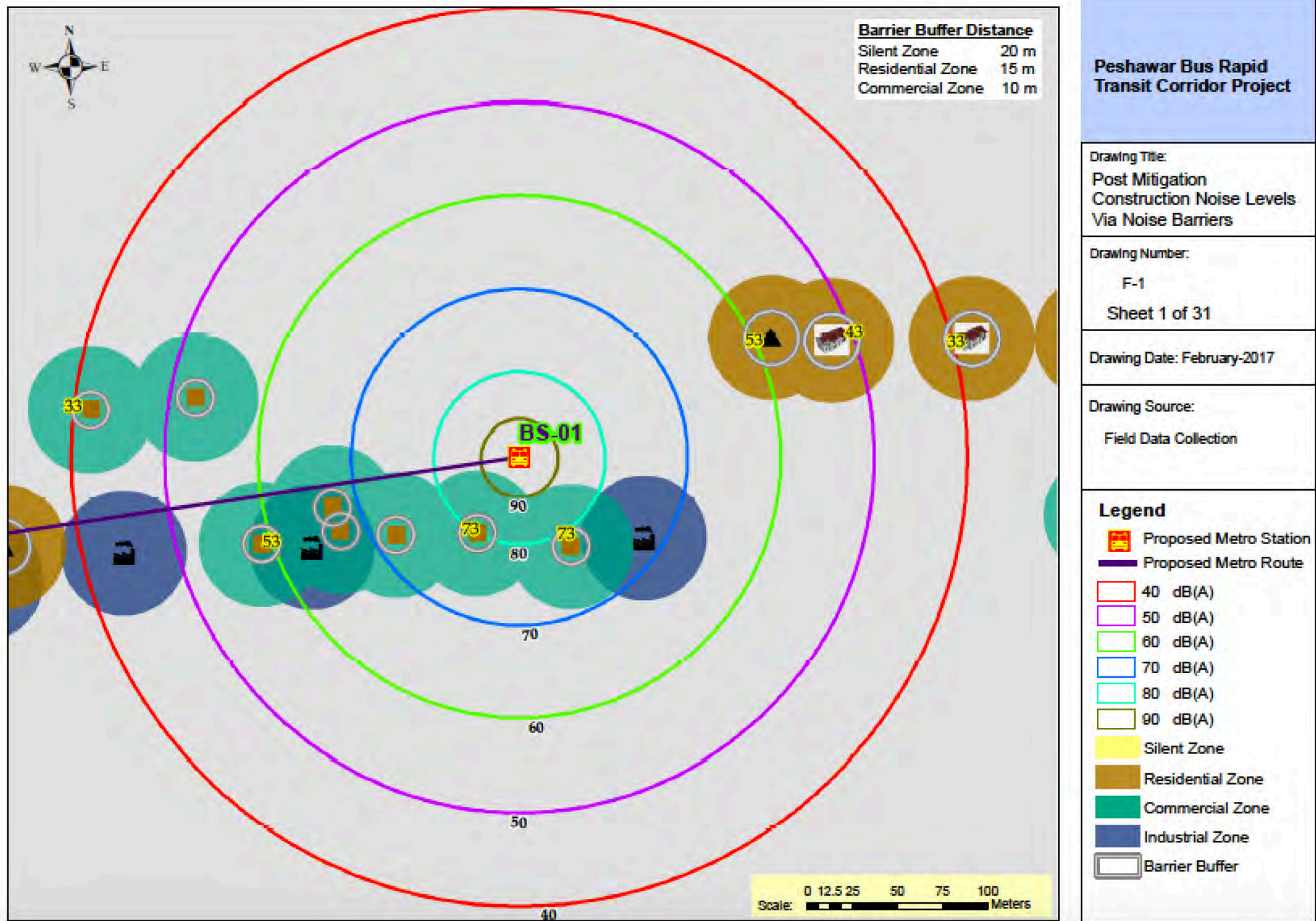
Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone



ANNEXURE F

‘Post Mitigation’ Noise Levels at Key Receptors during Construction Phase



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

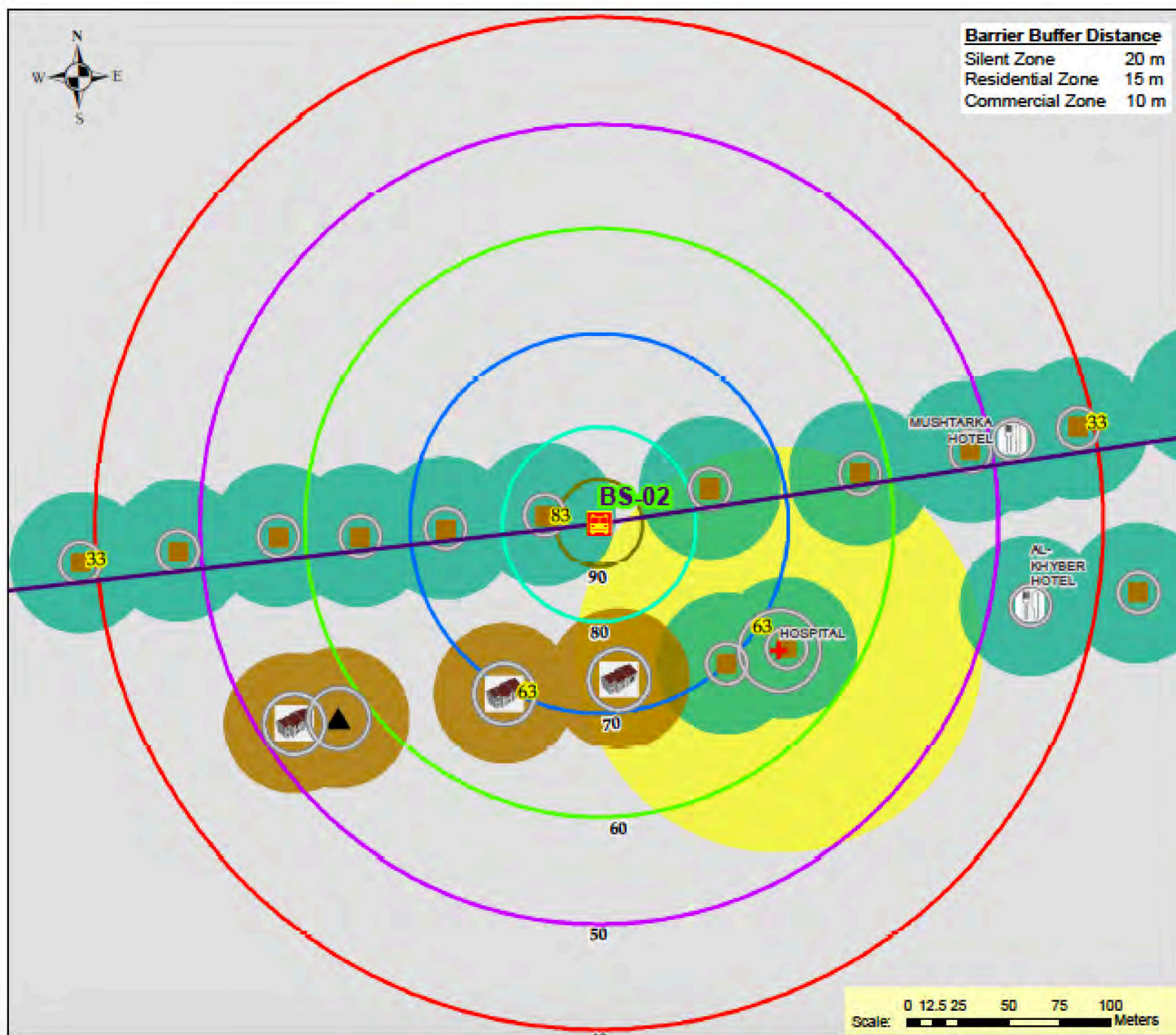
Drawing Number:
F-2
Sheet 2 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation Construction Noise Levels Via Noise Barriers

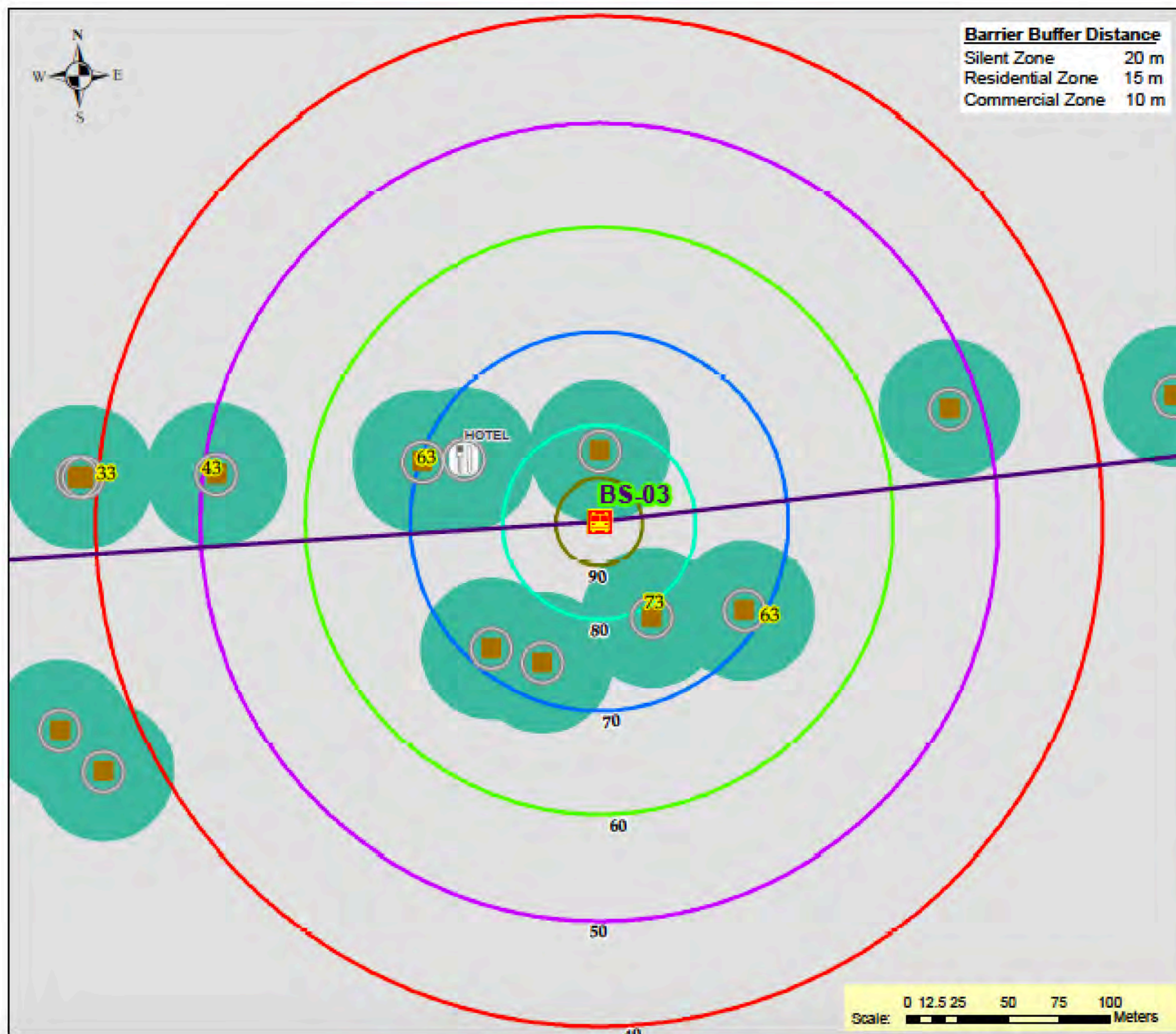
Drawing Number:
F-3
Sheet 3 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

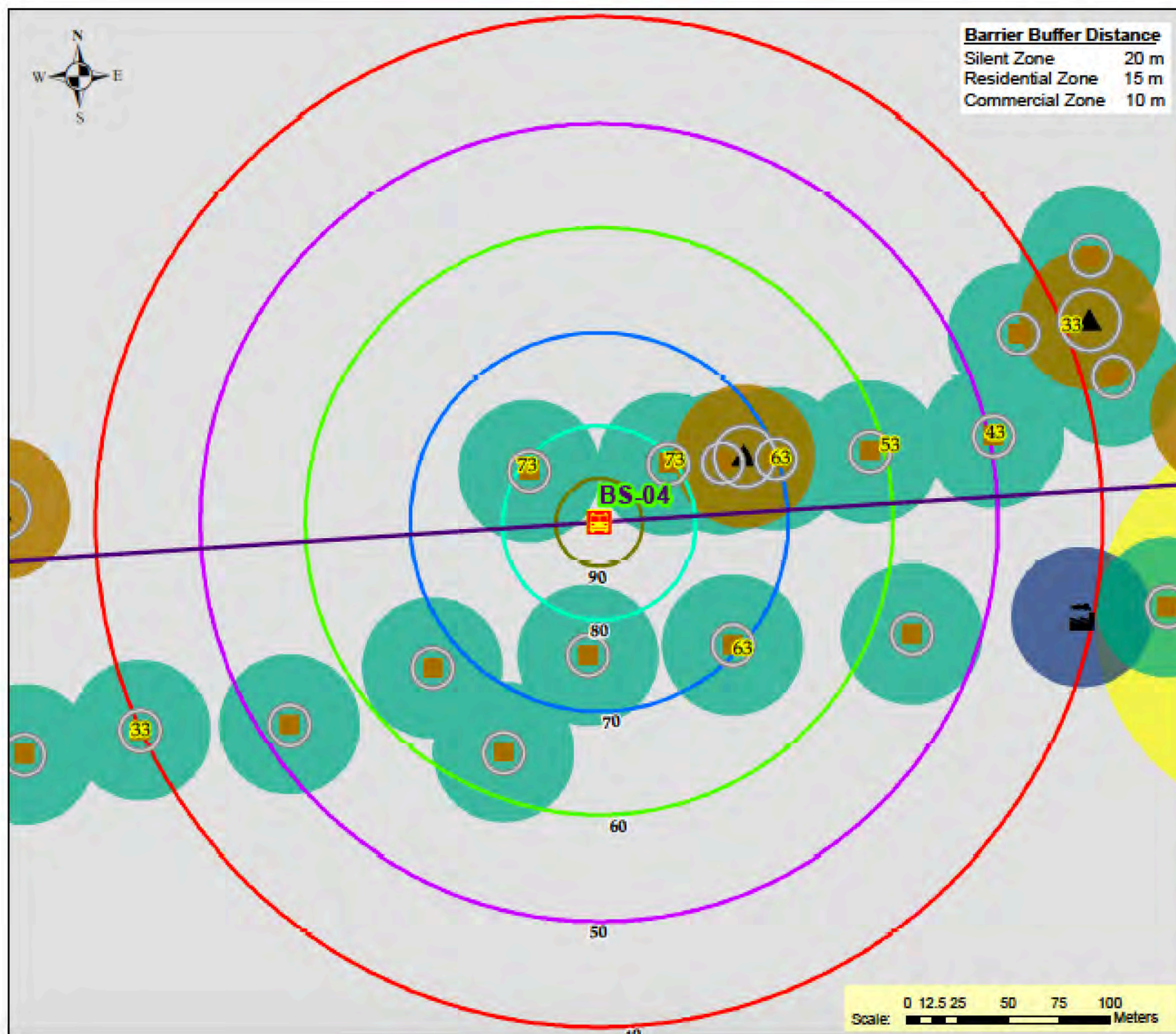
Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title: Post Mitigation Construction Noise Levels Via Noise Barriers
Drawing Number: F-4 Sheet 4 of 31
Drawing Date: February-2017
Drawing Source: Field Data Collection
Legend Proposed Metro Station Proposed Metro Route 40 dB(A) 50 dB(A) 60 dB(A) 70 dB(A) 80 dB(A) 90 dB(A) Silent Zone Residential Zone Commercial Zone Industrial Zone Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

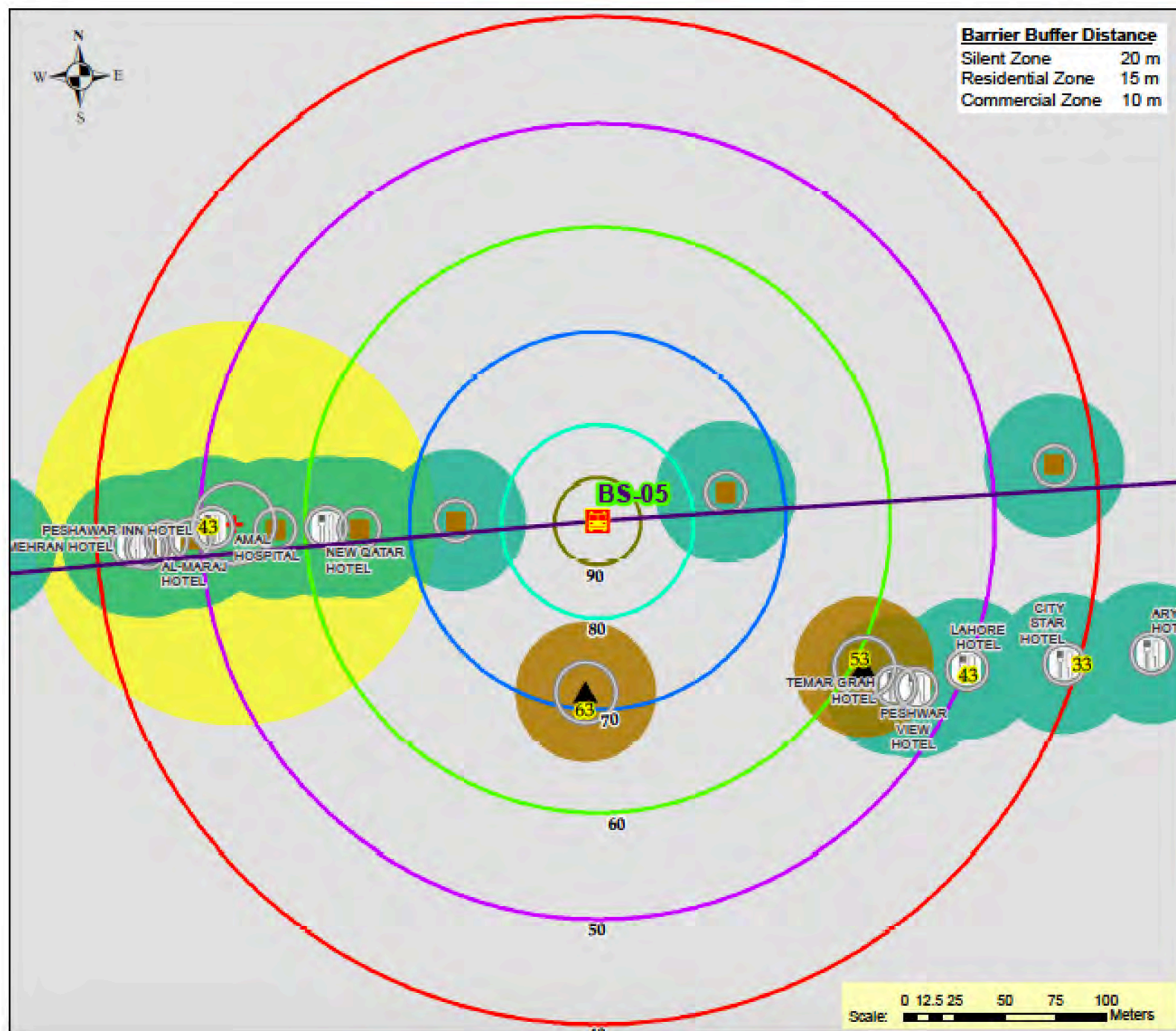
Drawing Number:
F-5
Sheet 5 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

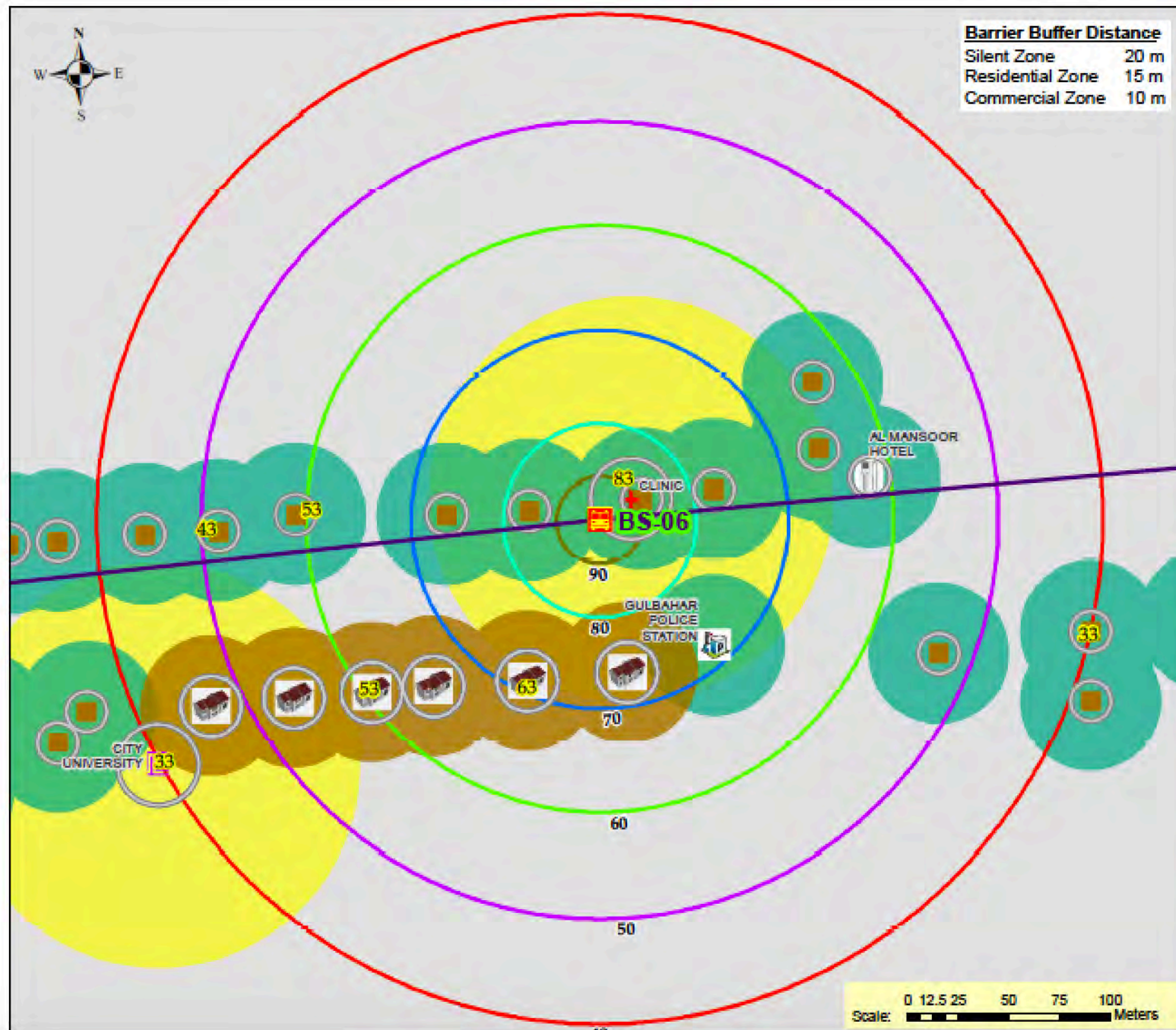
Drawing Number:
F-6
Sheet 6 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

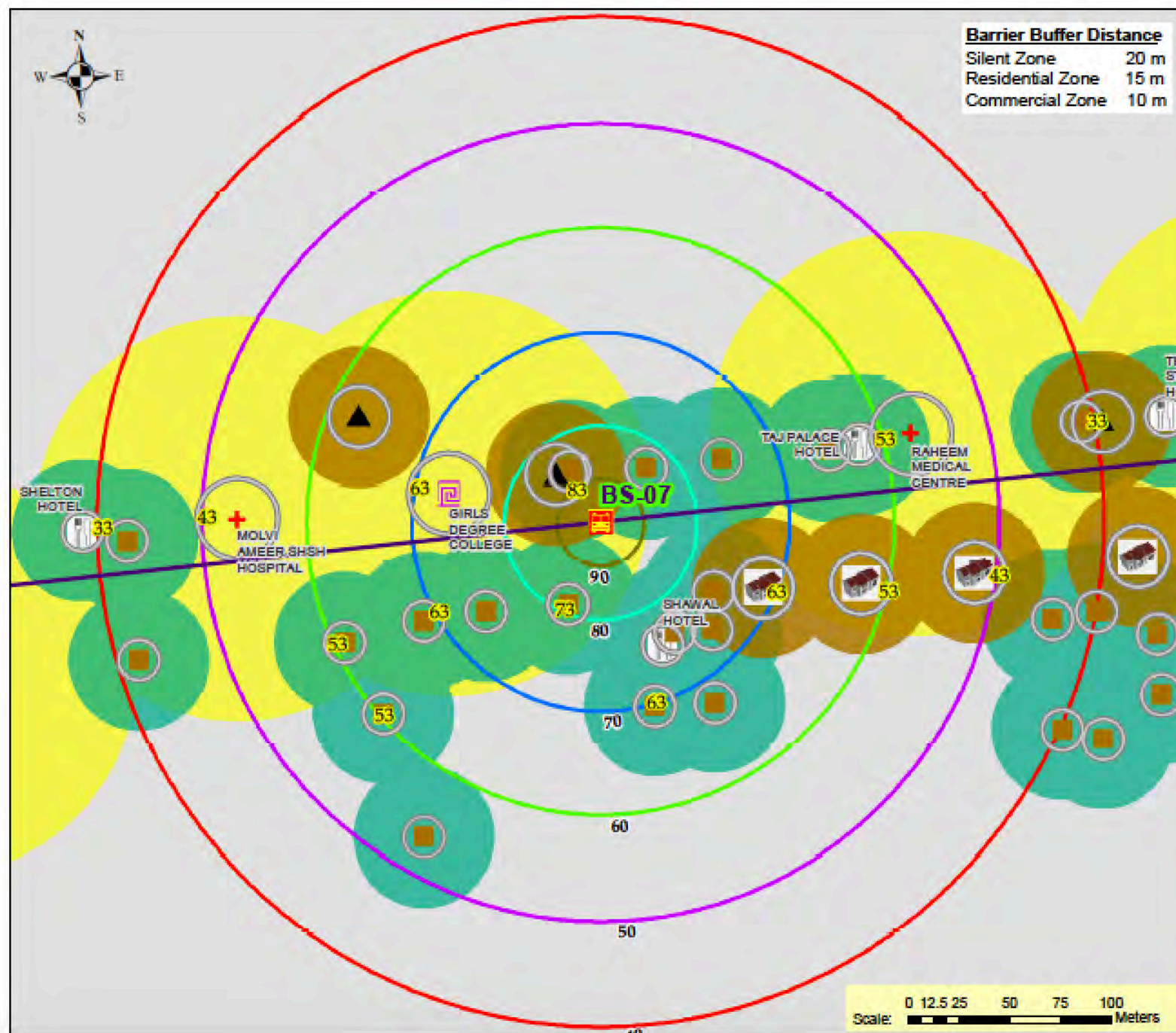
Drawing Number:
F-7
Sheet 7 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

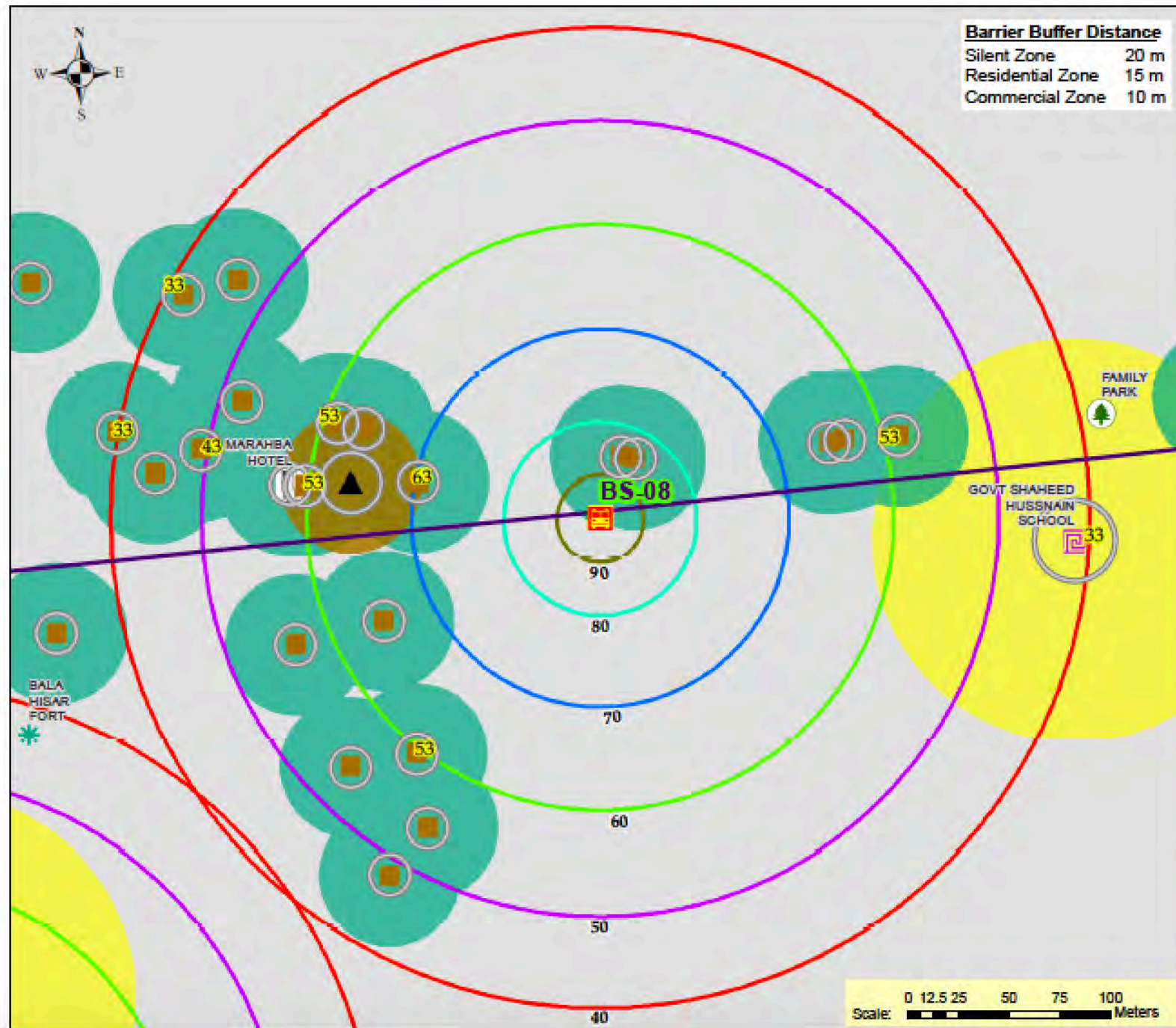
Drawing Number:
F-8
Sheet 8 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation Construction Noise Levels Via Noise Barriers

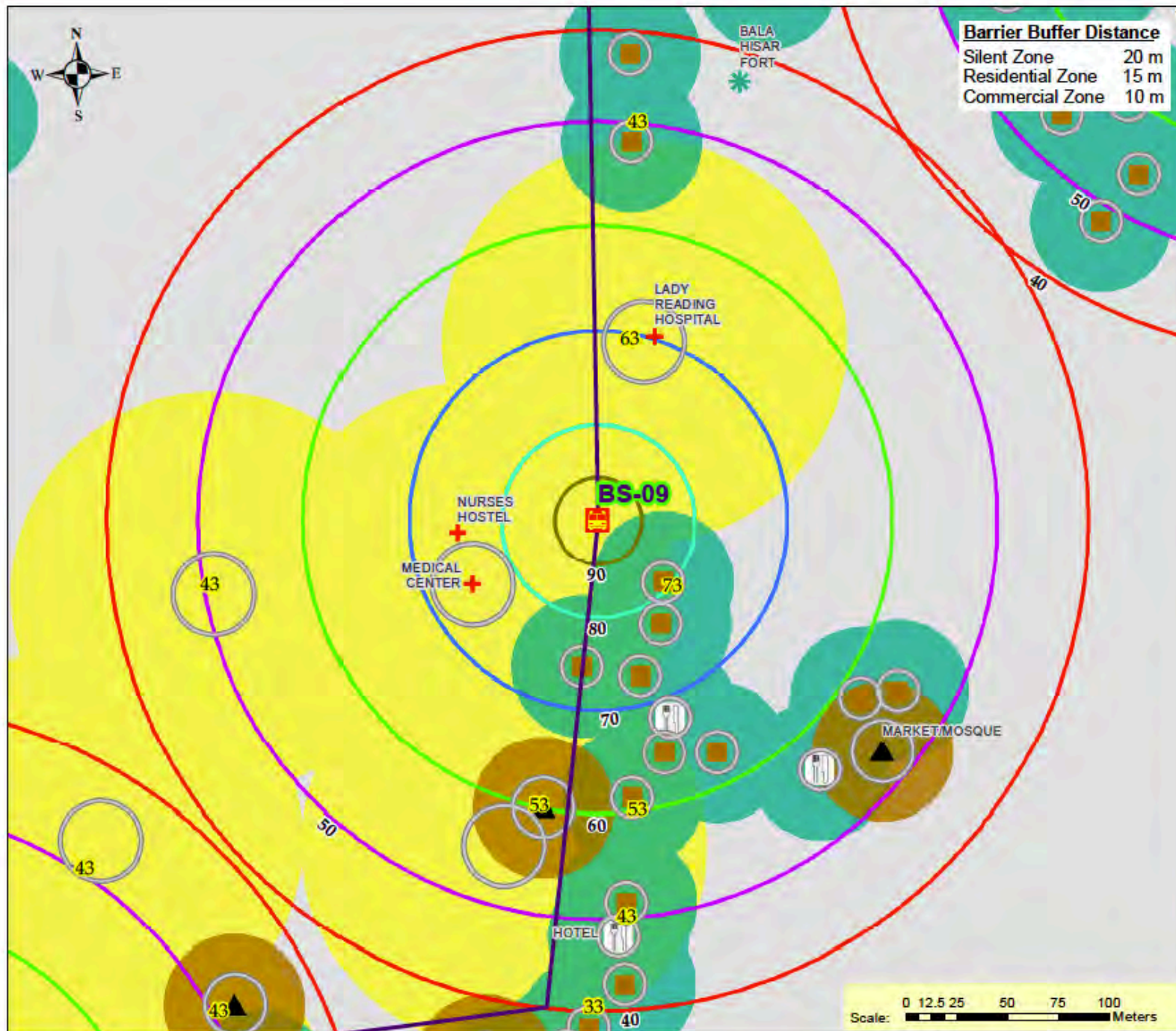
Drawing Number:
F-9
Sheet 9 of 31

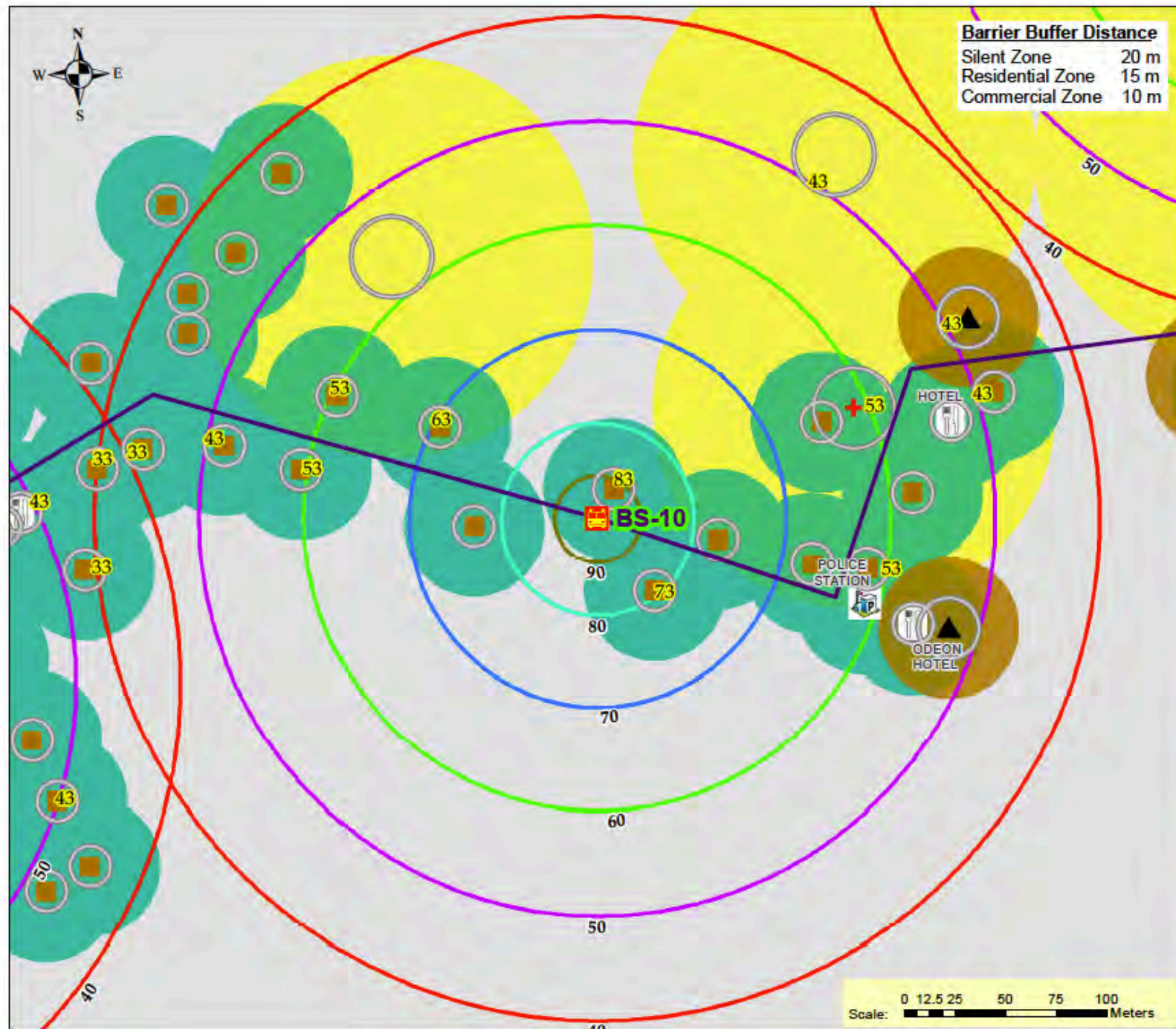
Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone
- Barrier Buffer





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:

Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:

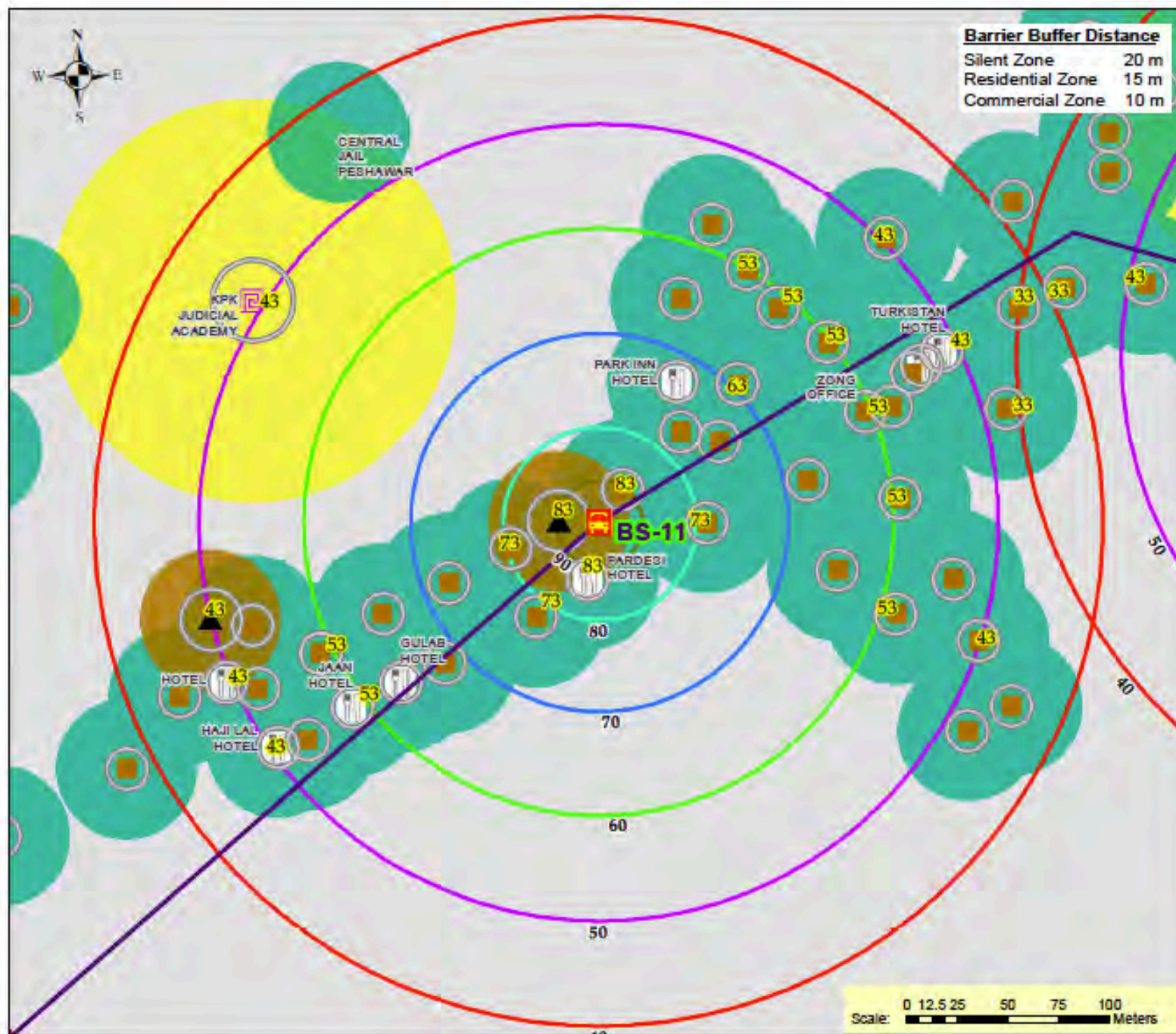
F-10

Sheet 10 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:

F-11

Sheet 11 of 31

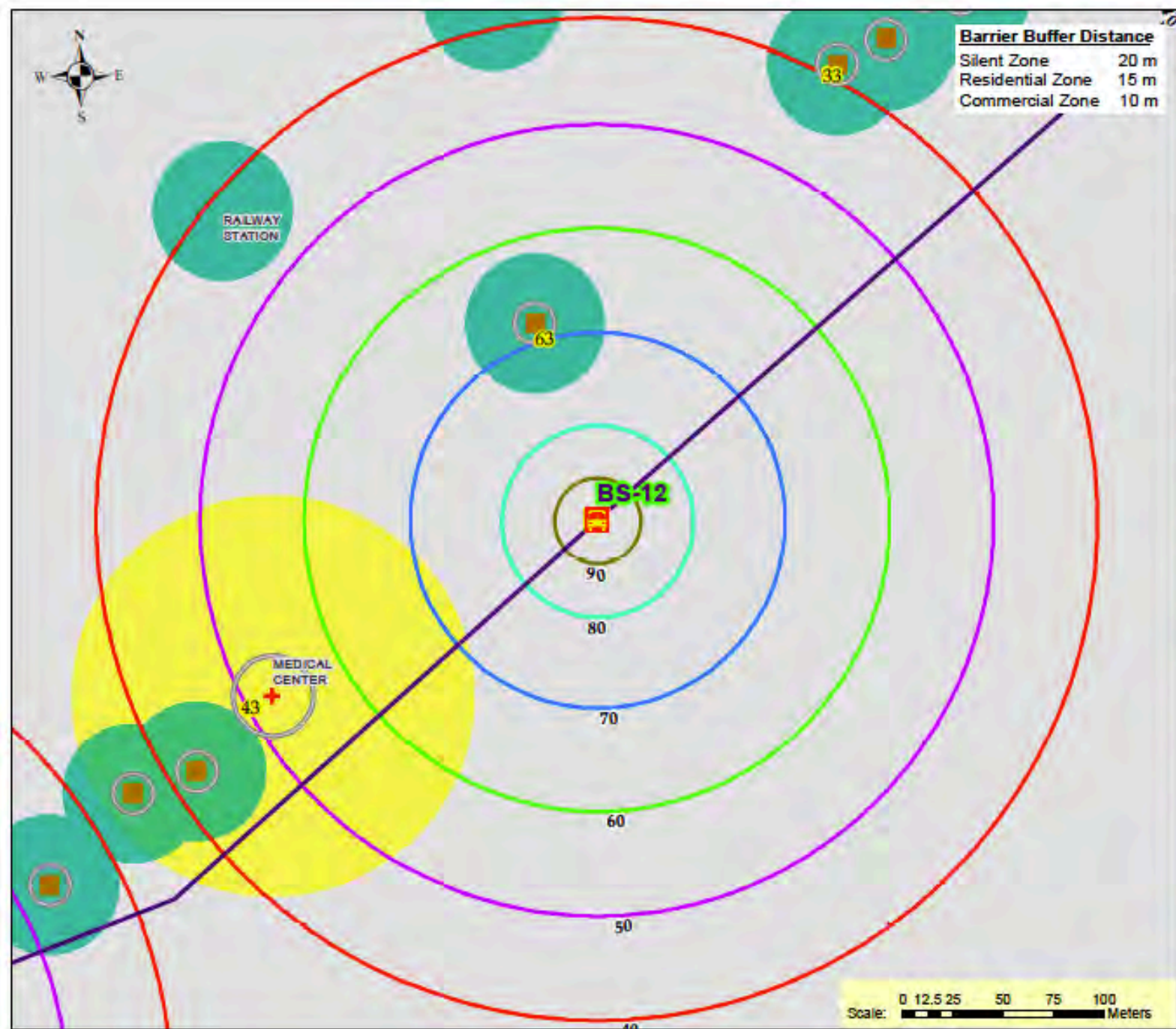
Drawing Date: February-2017

Drawing Source:

Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone
- Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:

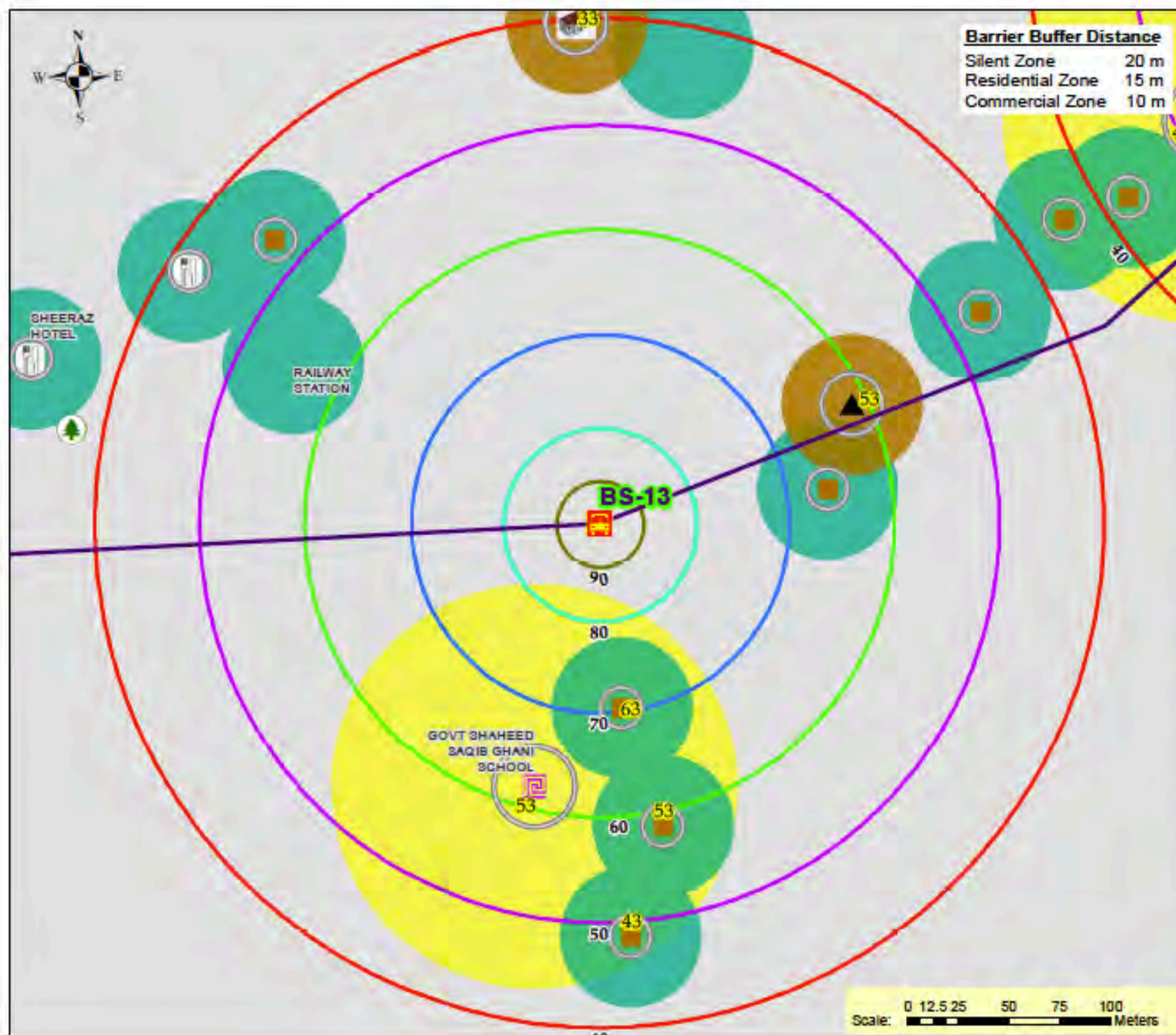
F-12

Sheet 12 of 31

Drawing Date: February-2017

Drawing Source:

Field Data Collection



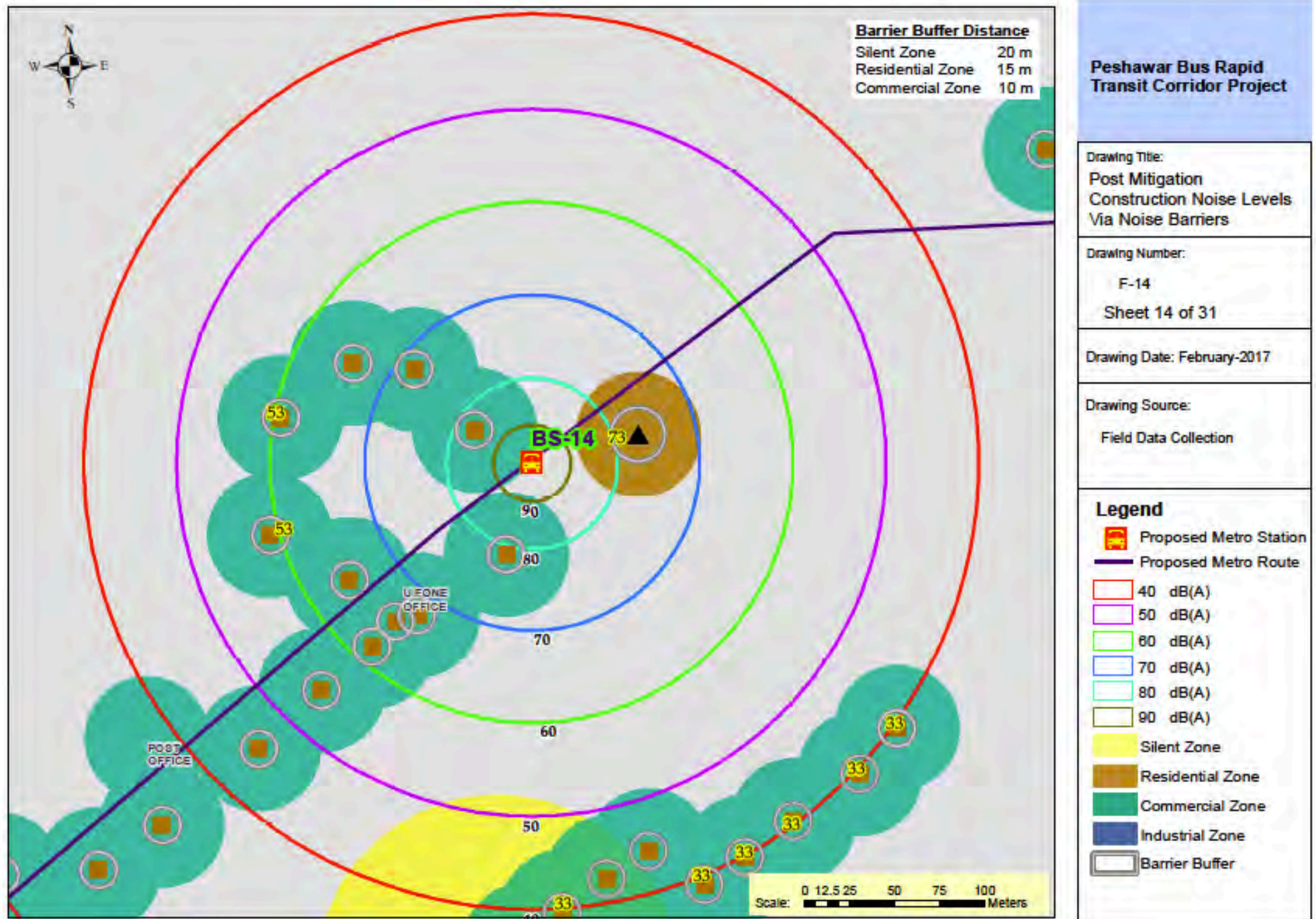
Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:
F-13
Sheet 13 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

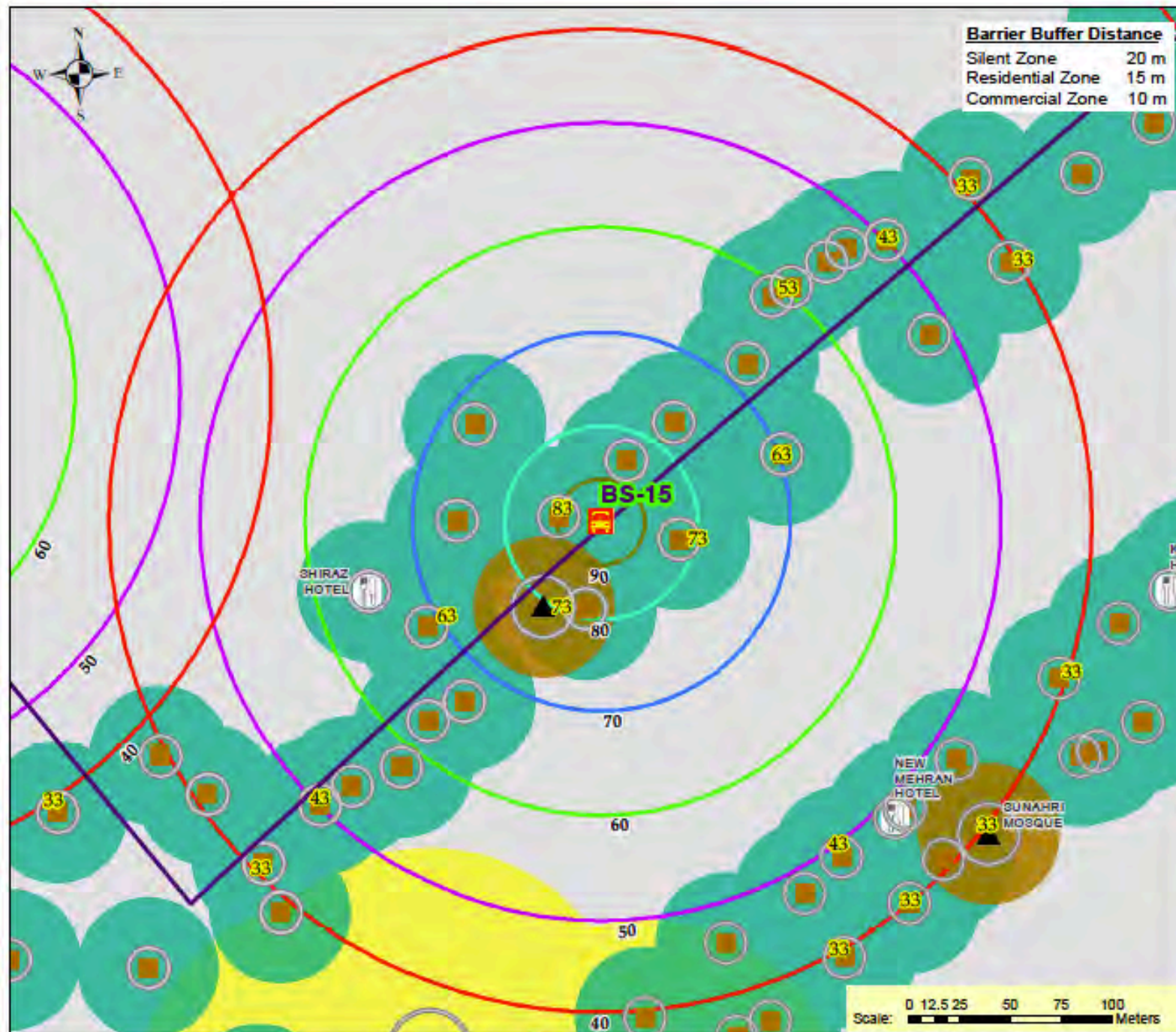
Drawing Number:
F-15
Sheet 15 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

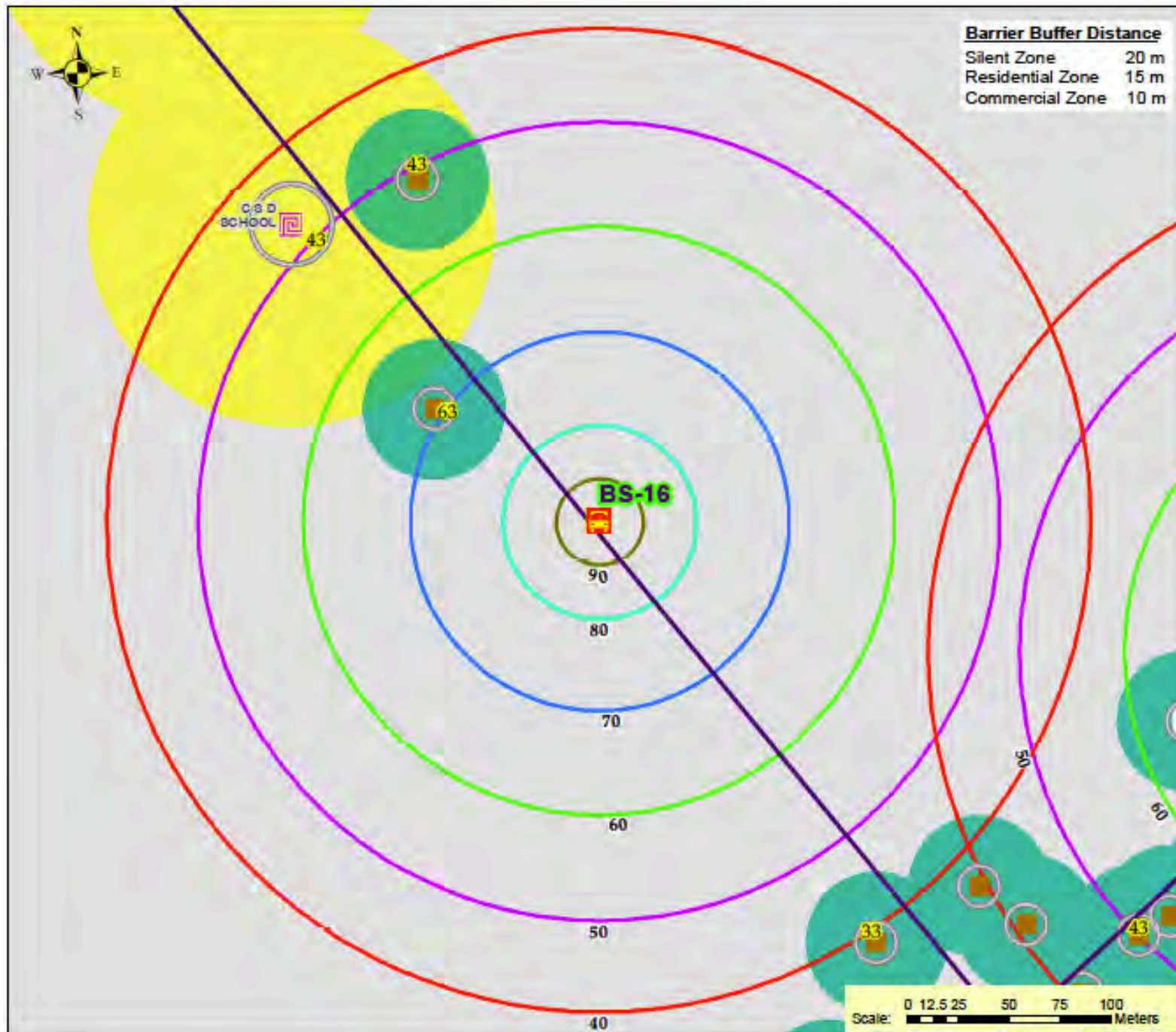
Drawing Number:
F-16
Sheet 16 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

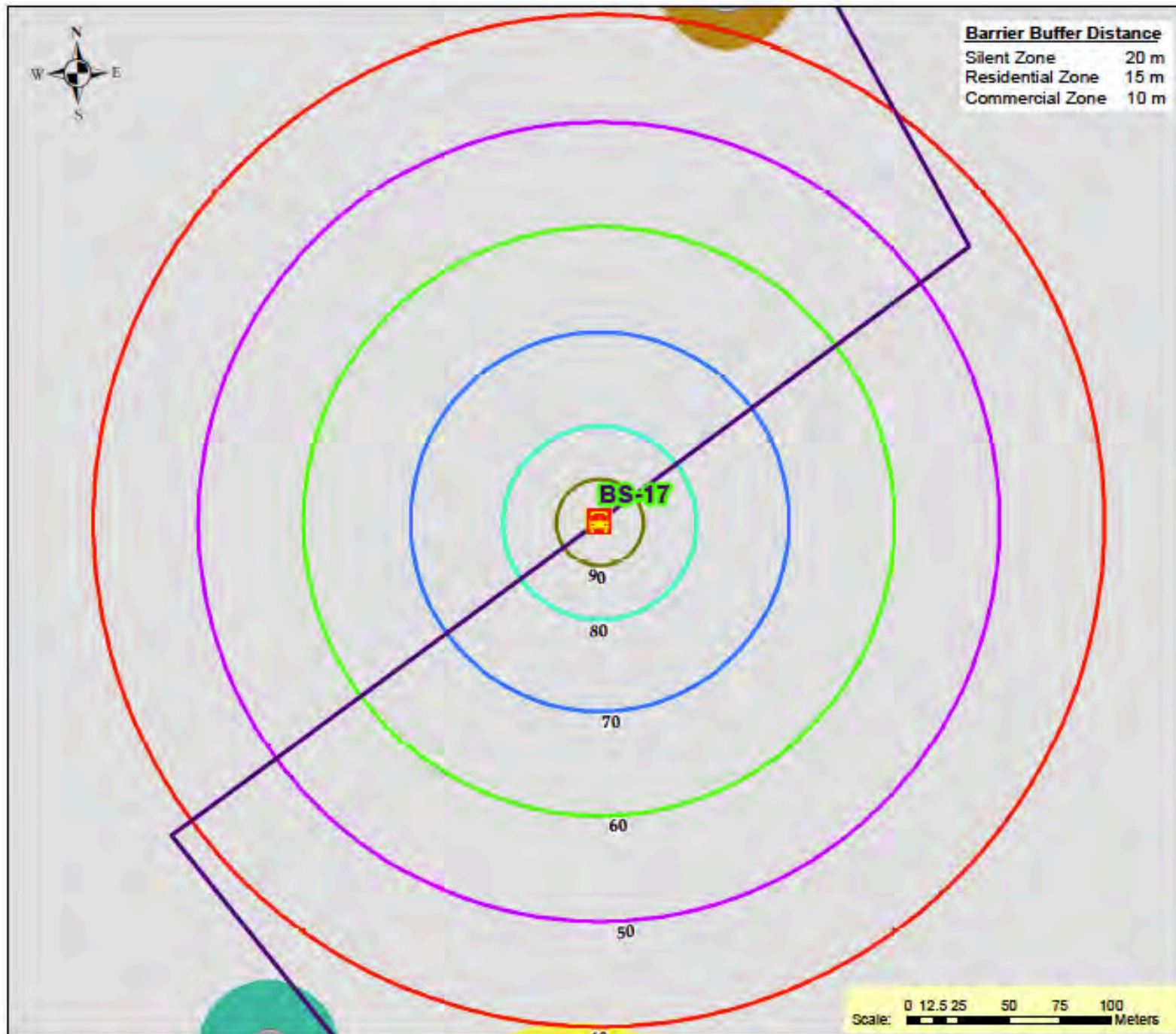
Drawing Number:
F-17
Sheet 17 of 31

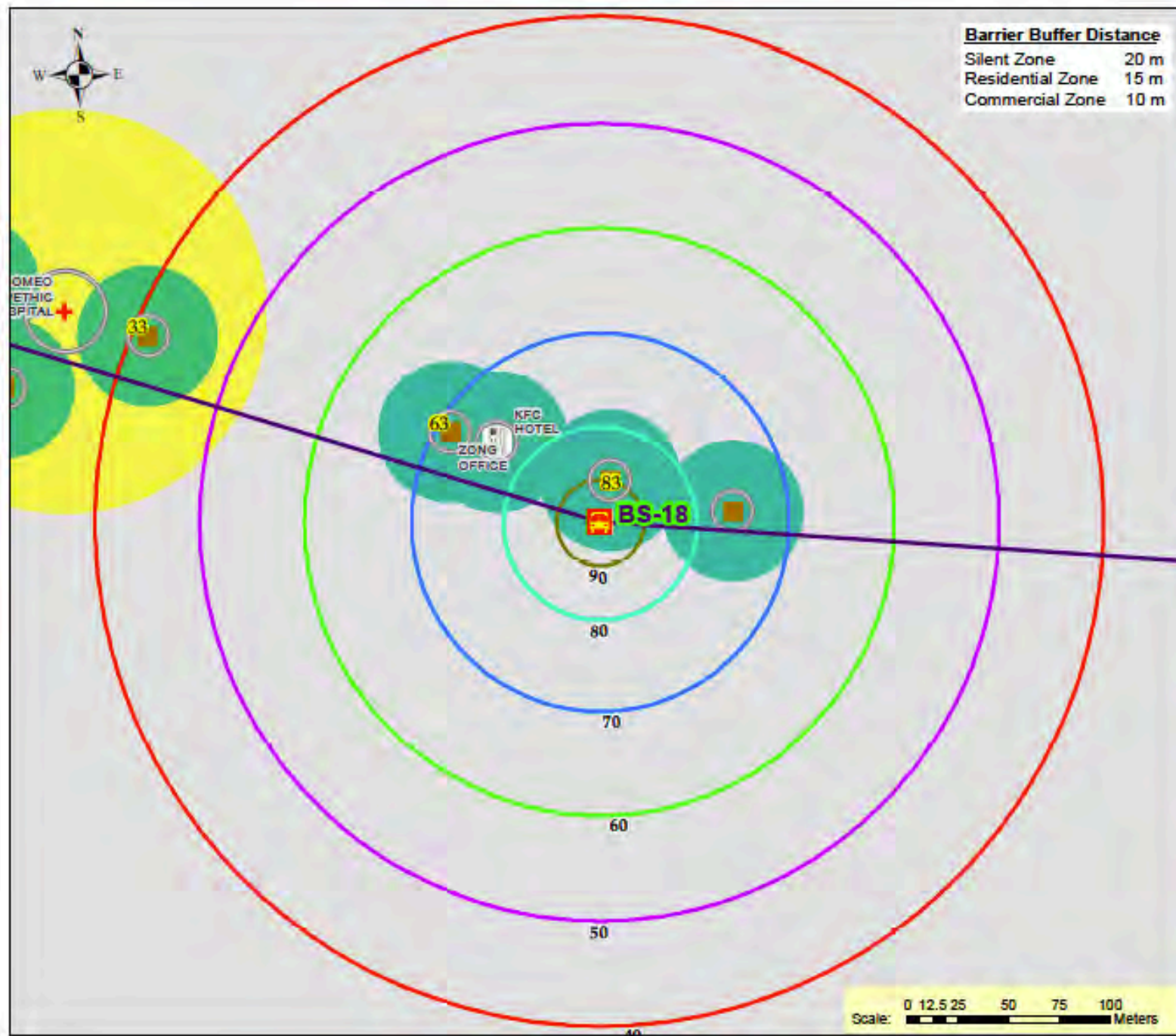
Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

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-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer





Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:
F-18
Sheet 18 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone
- Barrier Buffer

Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

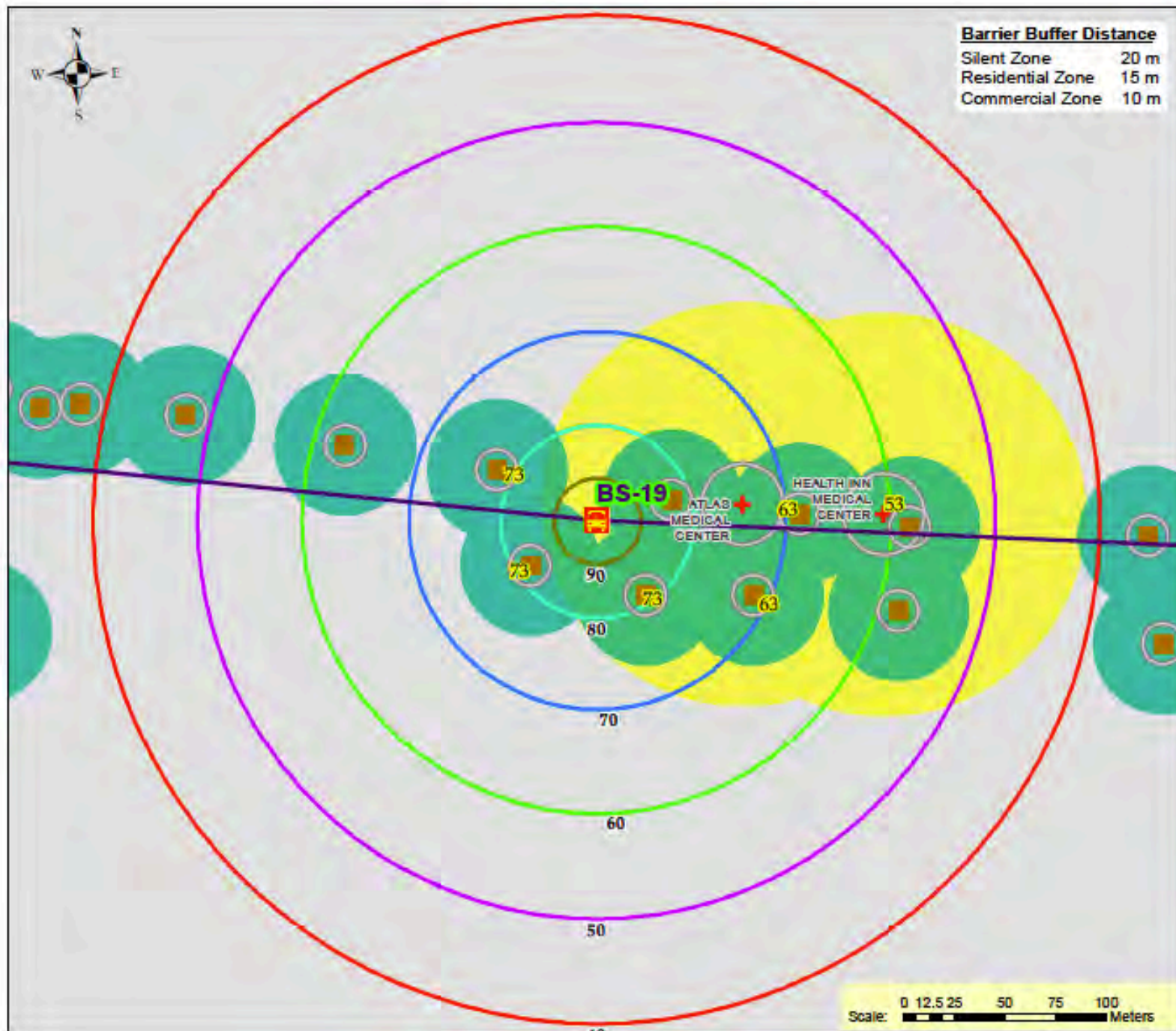
Drawing Number:
F-19
Sheet 19 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer

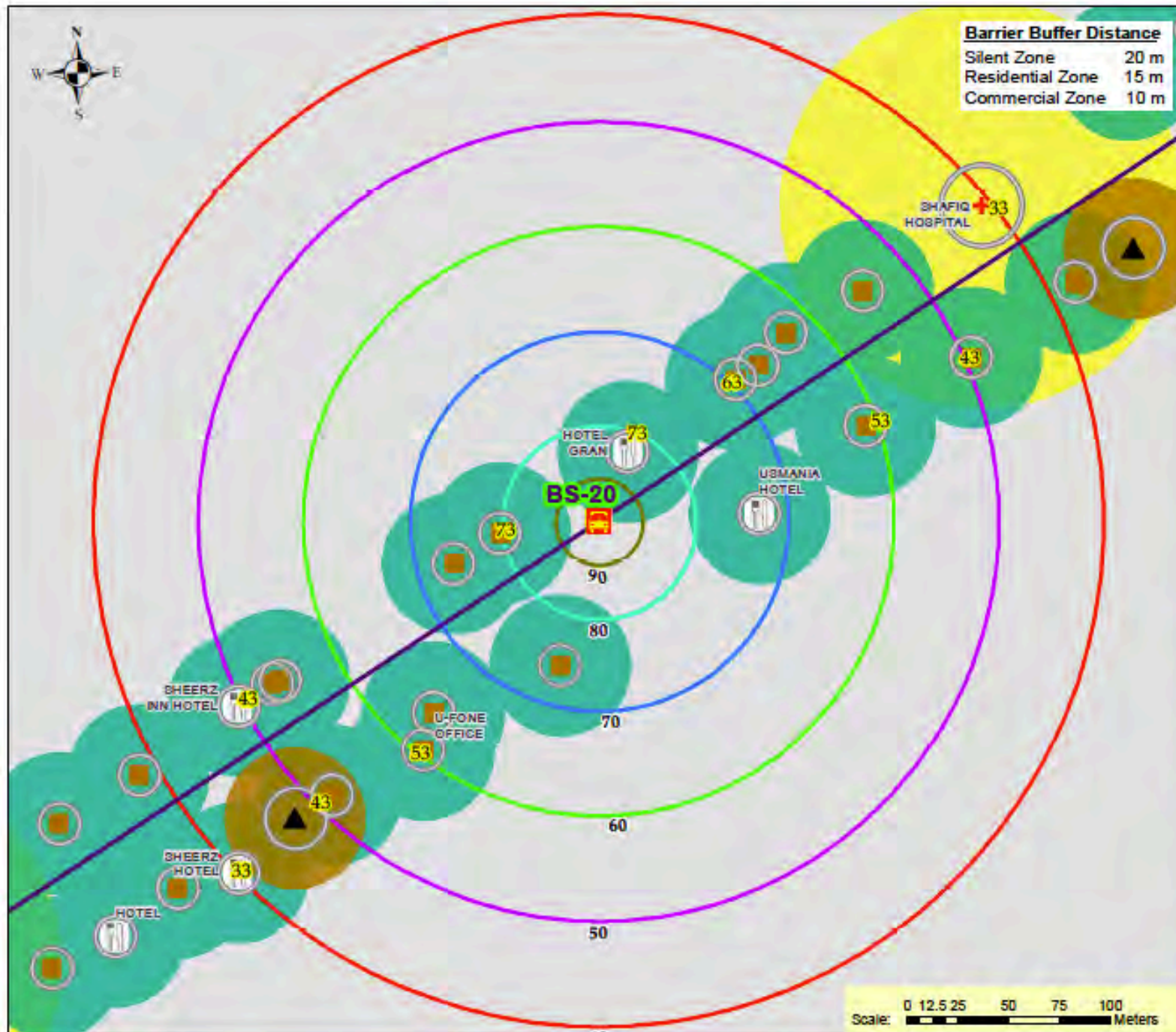


Peshawar Bus Rapid Transit Corridor Project

Drawing Title: Post Mitigation Construction Noise Levels Via Noise Barriers
Drawing Number: F-20 Sheet 20 of 31
Drawing Date: February-2017
Drawing Source: Field Data Collection

Legend

- Proposed Metro Station
- Proposed Metro Route
- 40 dB(A)
- 50 dB(A)
- 60 dB(A)
- 70 dB(A)
- 80 dB(A)
- 90 dB(A)
- Silent Zone
- Residential Zone
- Commercial Zone
- Industrial Zone
- Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

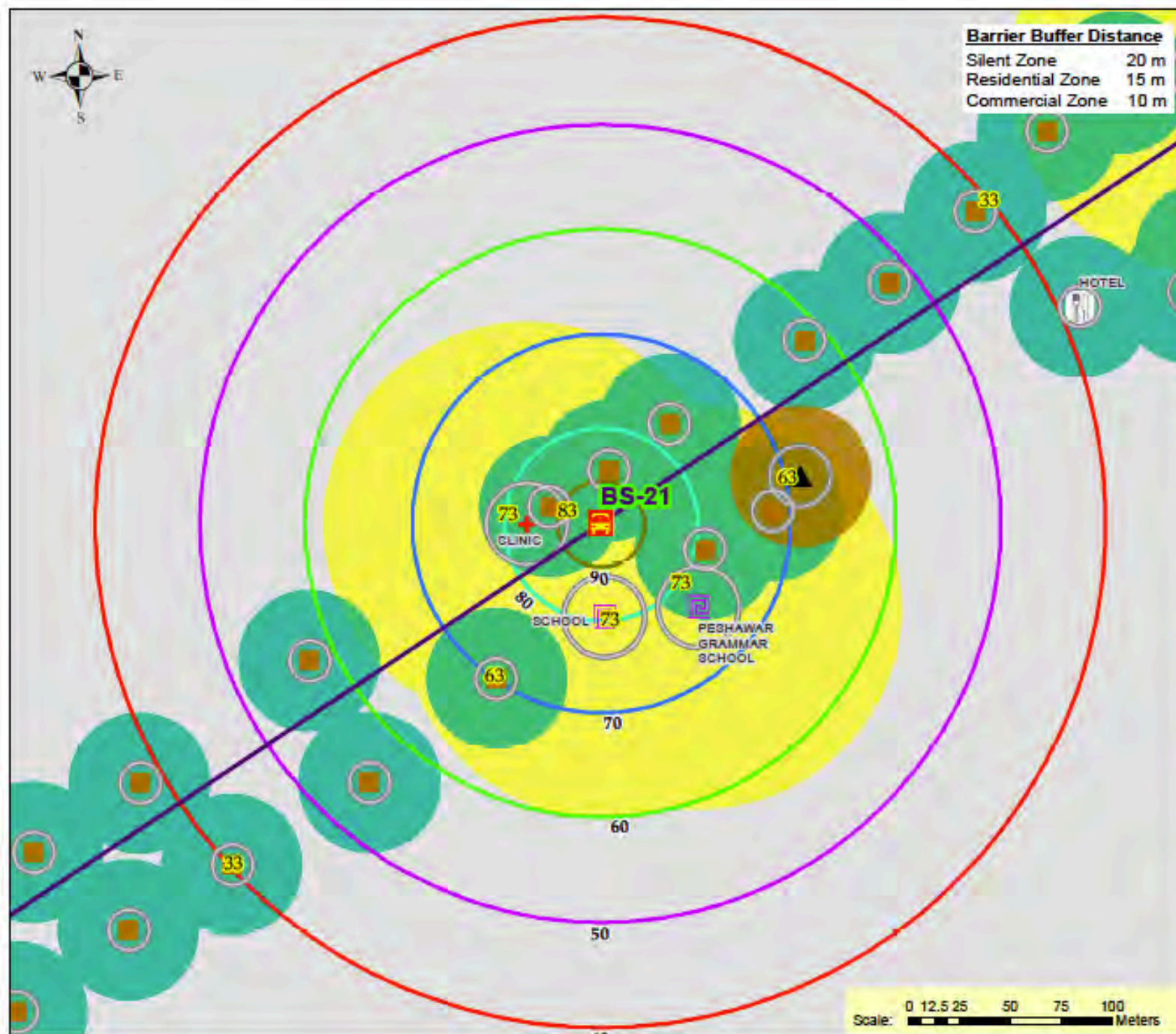
Drawing Number:
F-21
Sheet 21 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

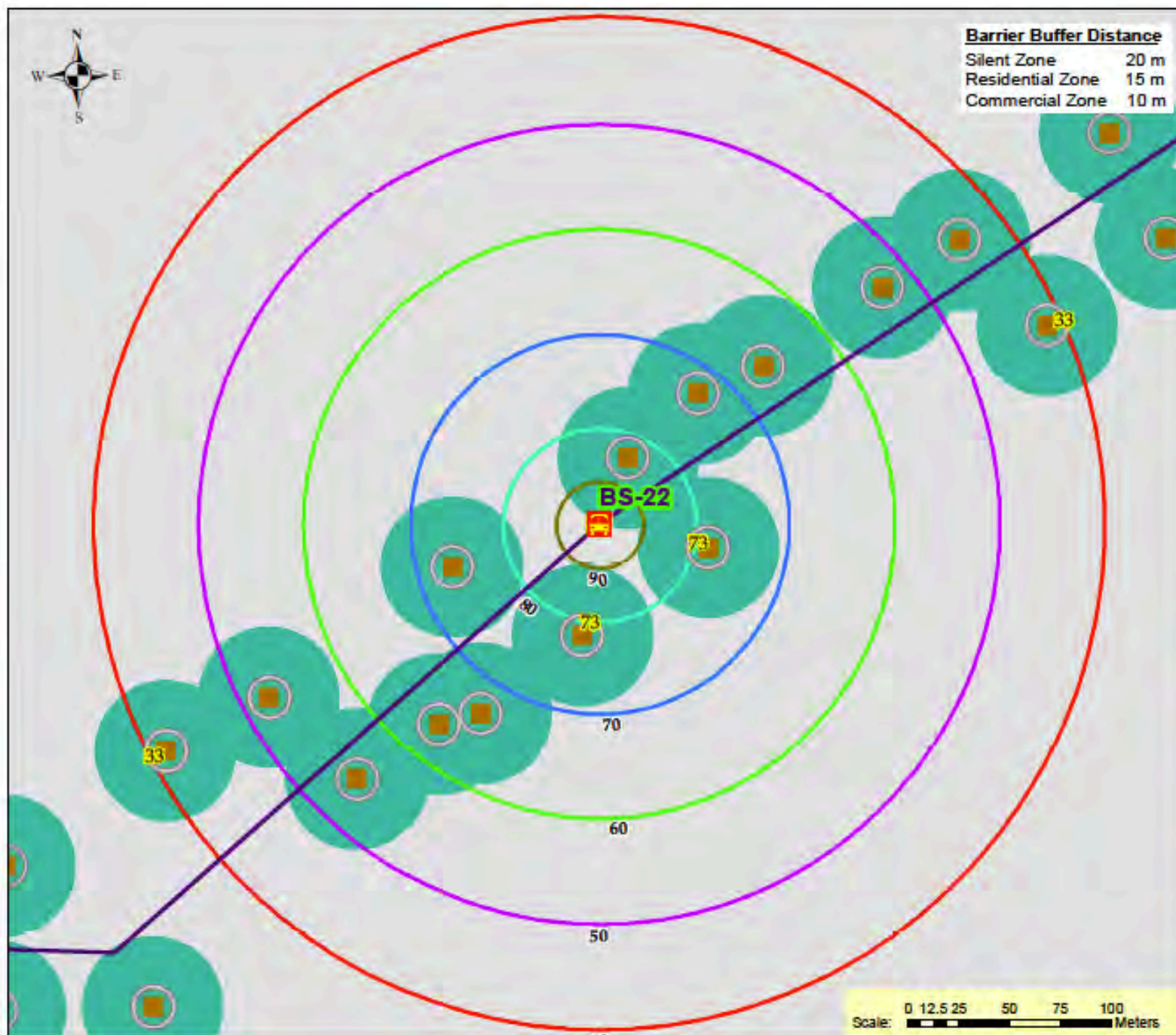
Drawing Number:
F-22
Sheet 22 of 31

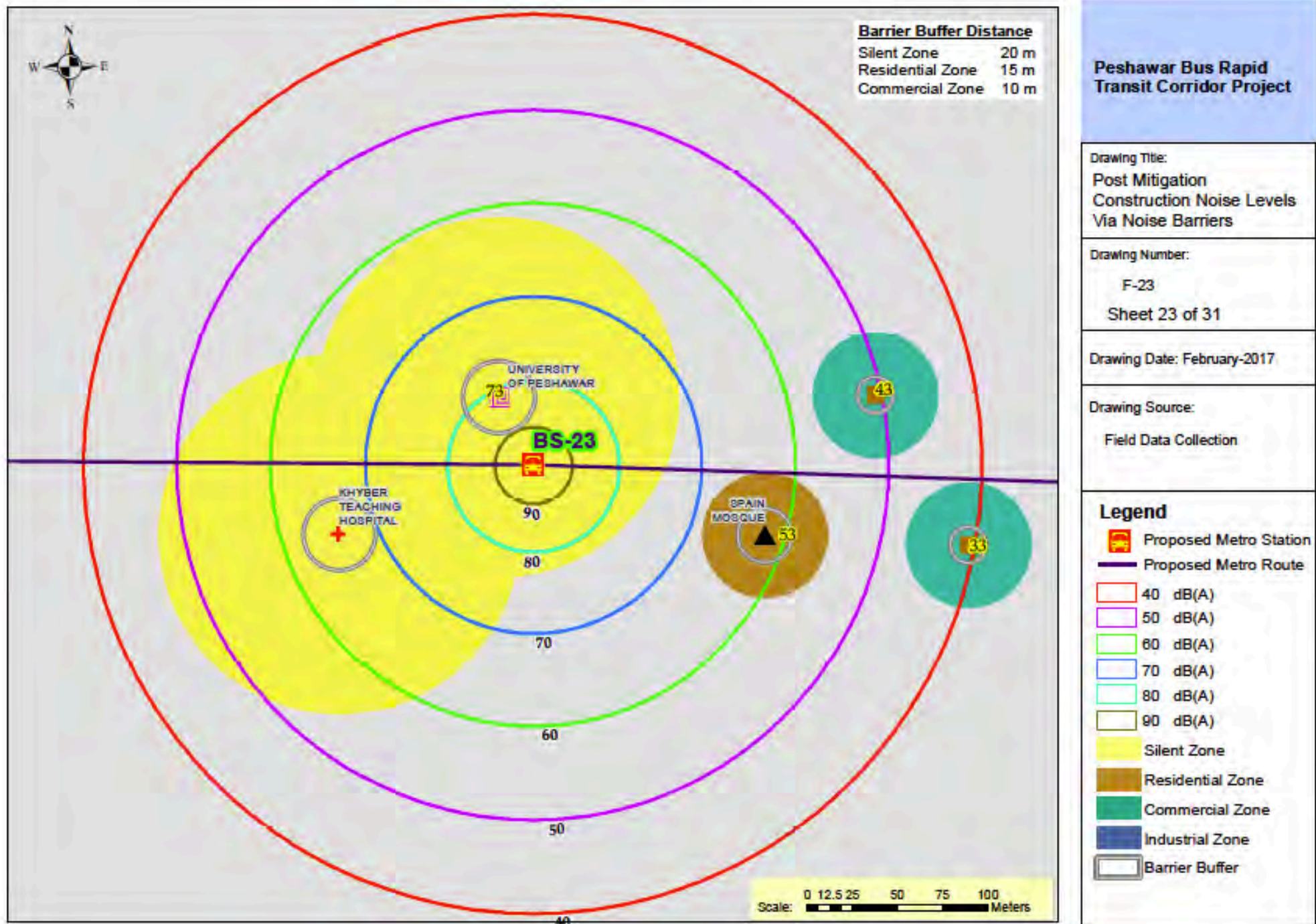
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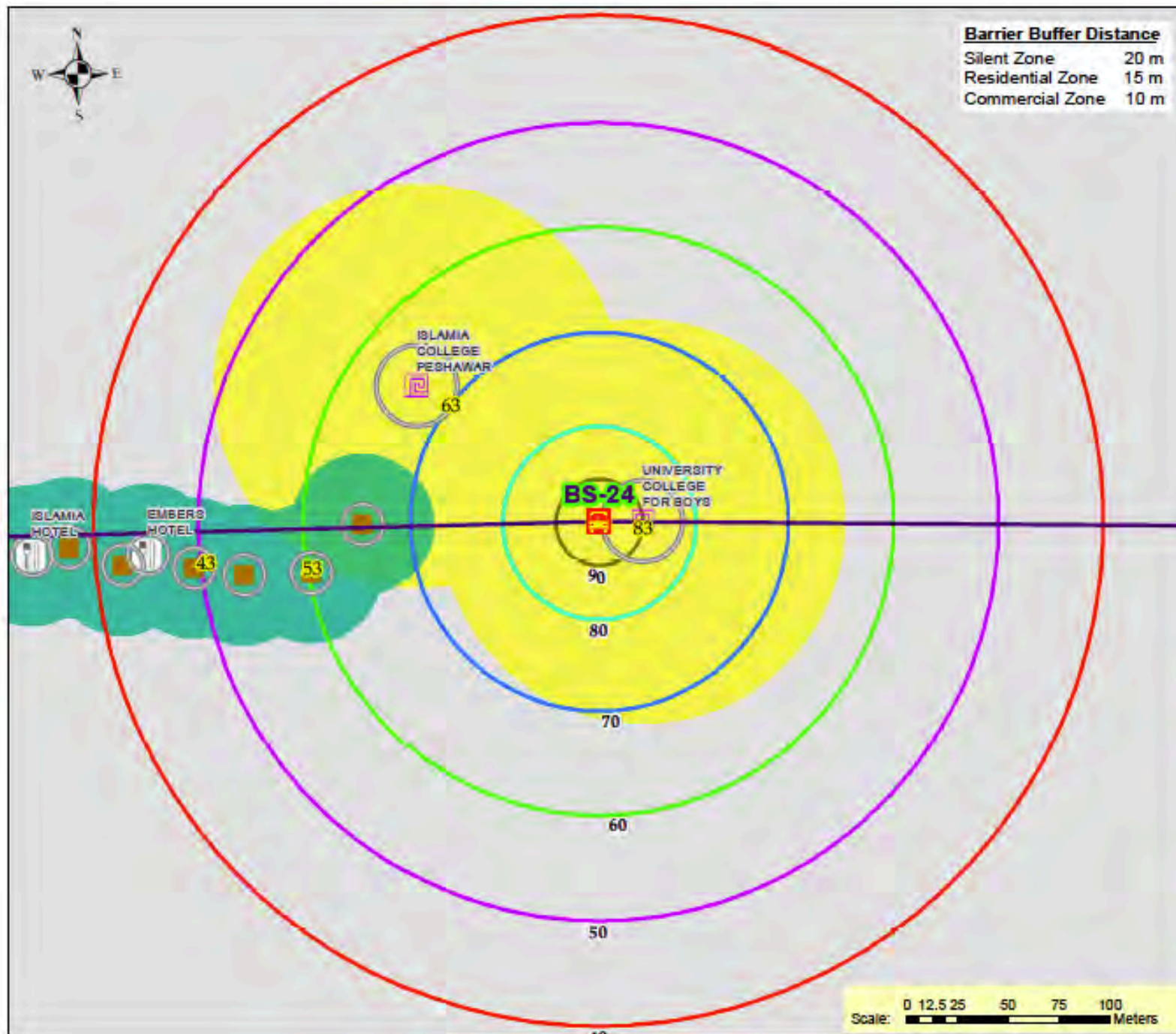
Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer







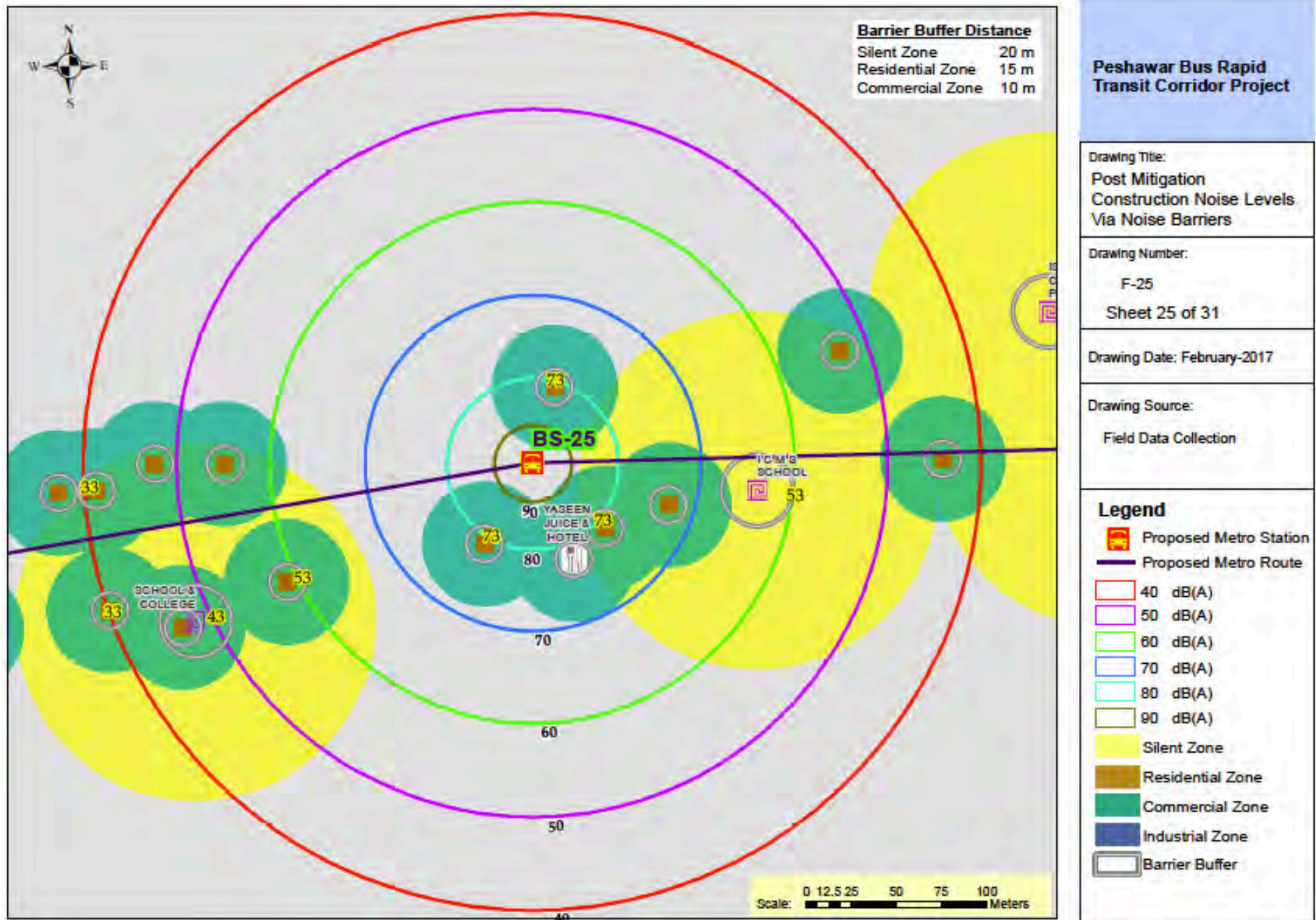
Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:
F-24
Sheet 24 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

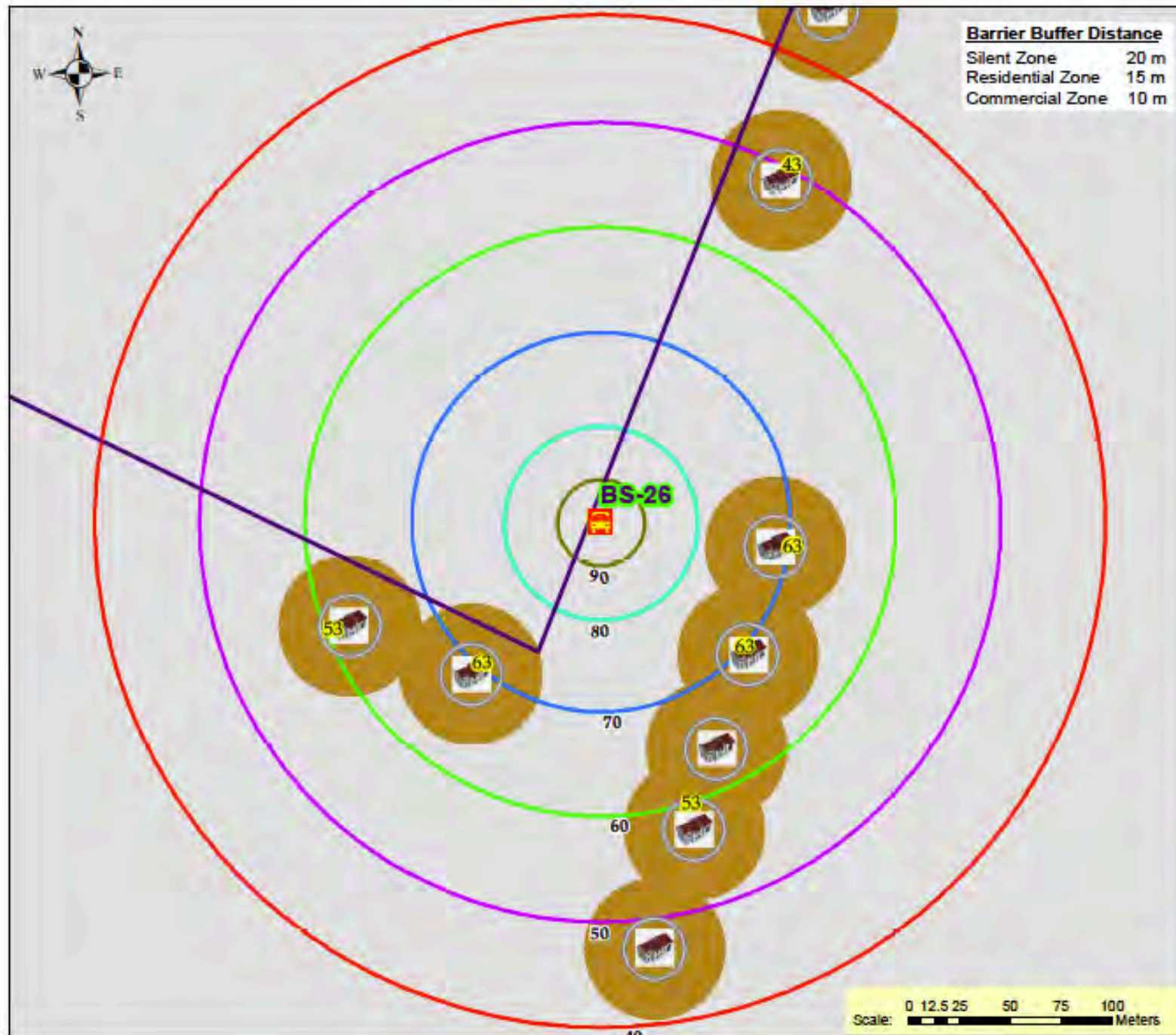
Drawing Number:
F-26
Sheet 26 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer



Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

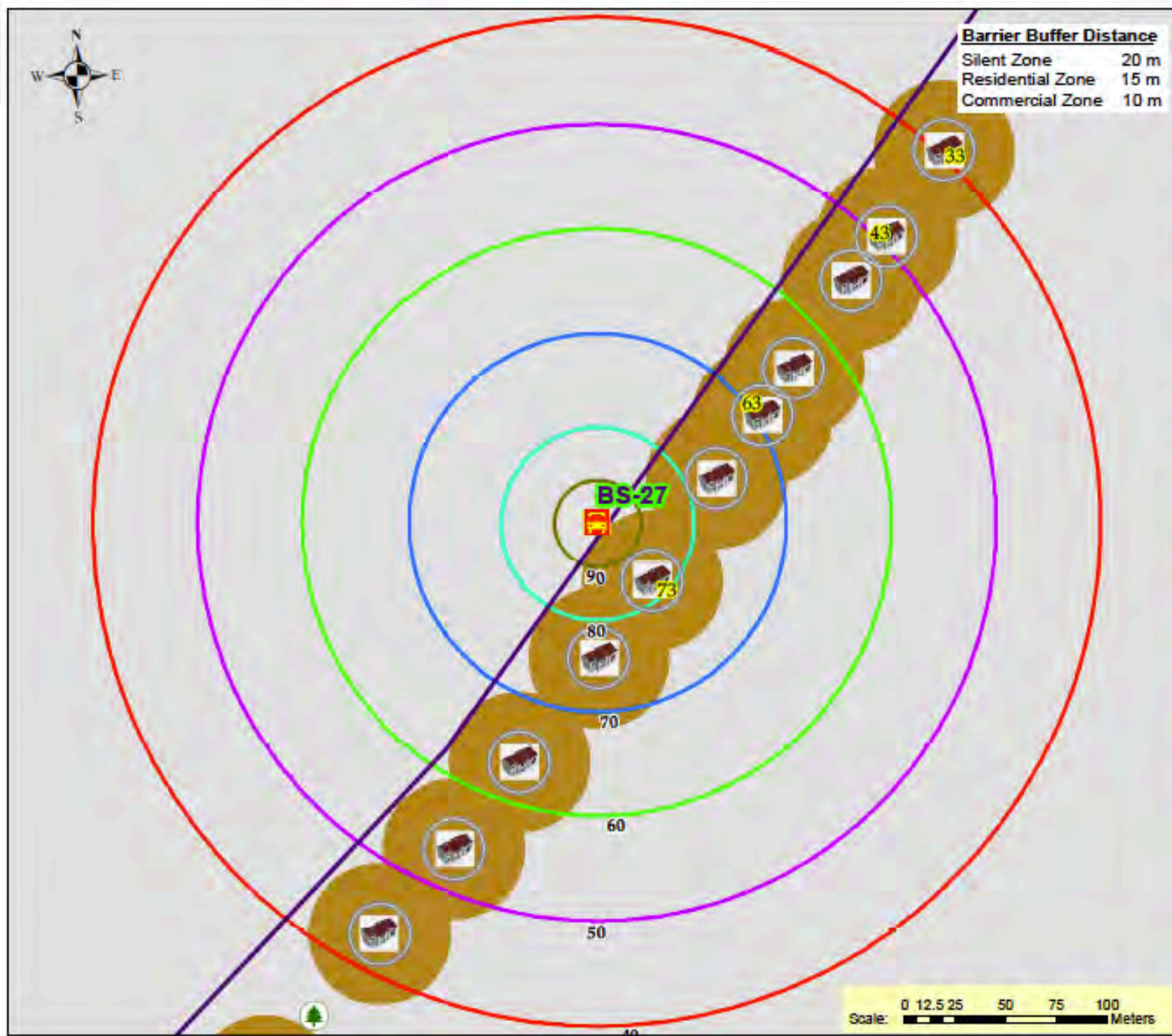
Drawing Number:
F-27
Sheet 27 of 31

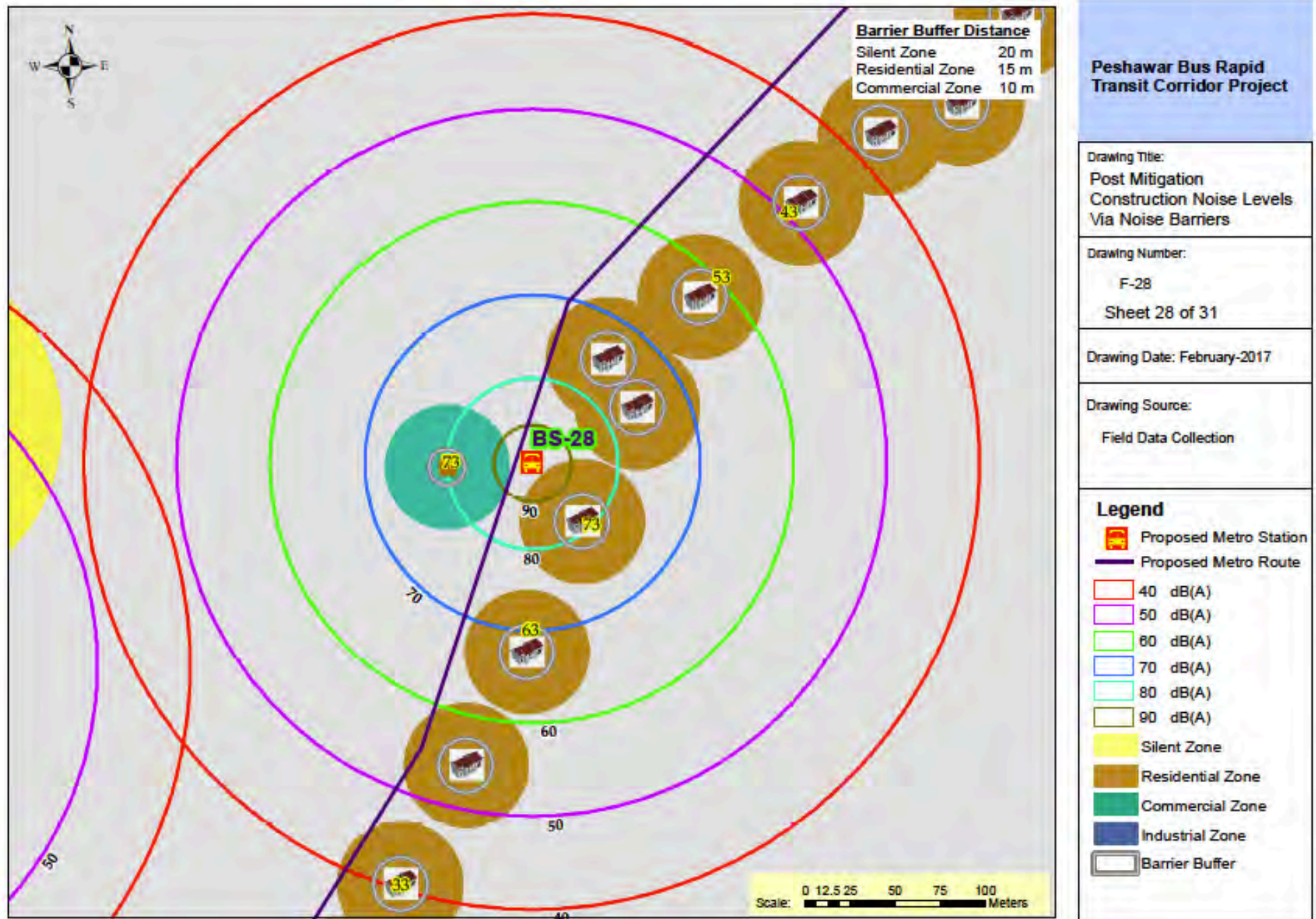
Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

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-  Proposed Metro Route
-  40 dB(A)
-  50 dB(A)
-  60 dB(A)
-  70 dB(A)
-  80 dB(A)
-  90 dB(A)
-  Silent Zone
-  Residential Zone
-  Commercial Zone
-  Industrial Zone
-  Barrier Buffer







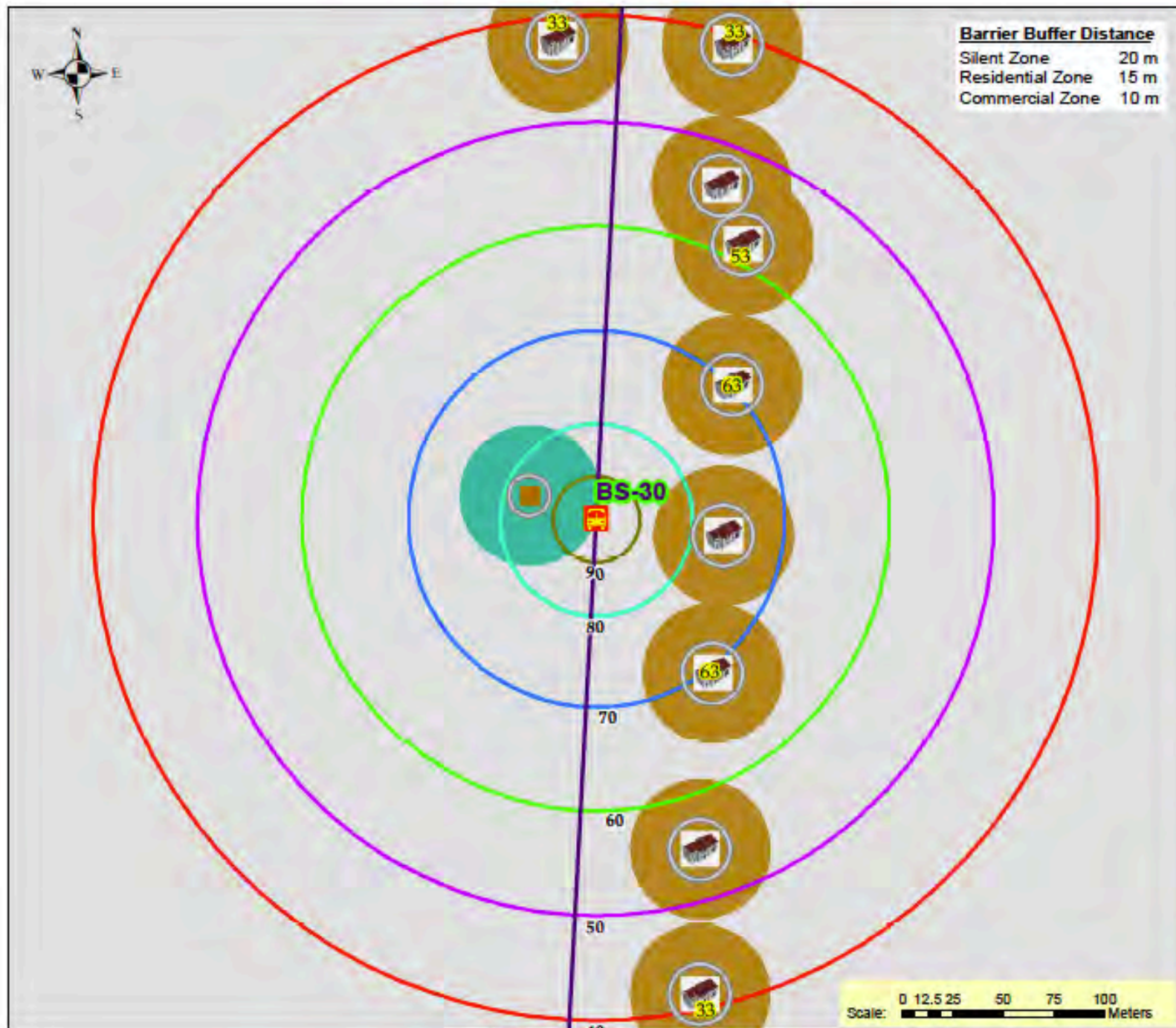
F-29
Sheet 29 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection

Legend

-  Proposed Metro Station
 Proposed Metro Route
 40 dB(A)
 50 dB(A)
 60 dB(A)
 70 dB(A)
 80 dB(A)
 90 dB(A)
 Silent Zone
 Residential Zone
 Commercial Zone
 Industrial Zone
 Barrier Buffer



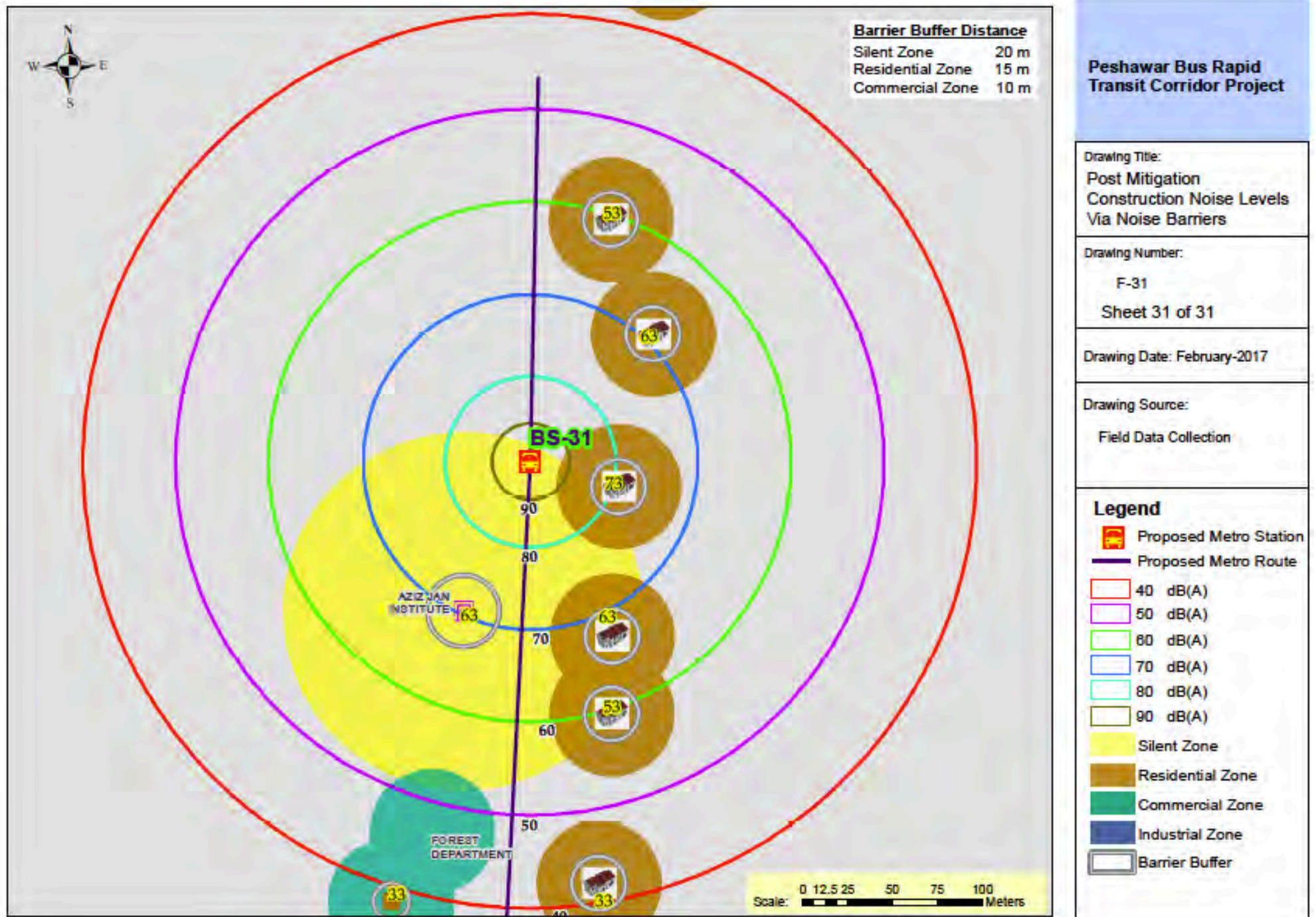
Peshawar Bus Rapid Transit Corridor Project

Drawing Title:
Post Mitigation
Construction Noise Levels
Via Noise Barriers

Drawing Number:
F-30
Sheet 30 of 31

Drawing Date: February-2017

Drawing Source:
Field Data Collection



ANNEXURE G

LIST OF PARTICIPANTS OF PUBLIC CONSULTATIONS

Public Consultations for development of Peshawar Sustainable Bus Rapid Transit Corridor Project					
S/No.	Name	Contact No.	CNIC (if available)	Name of Shop/Business	Location/Address of Interview
1.	Ghulam Sabir Butt	0321-9040847	-	Saqib corporation	6B Madni Market Khyber bazar
2.	H. Abdul Rehman	0334-0000387	-	Khyber Water Tank	S#10 Khyber bazar
3.	Afnan Khattak	0336-9009009	-	Khyber Pipe Industry	Khyber bazar
4.	Amir Gul	0335-9394700	-	Shayan pipe industry	Khyber bazar
5.	Shakir Ahmed	0300-5886265	-	Amir autos	Railway road shuba chowk
6.	Abdullah	0345-9407506	-	Haider Sanitary	Soicarno square Khyber bazar
7.	Zawar Noor	0300-5948414	17301-8313443-8	National Welfare for disable people.	Hayat abad
8.	Sayed kamal shah	0346-7778933	17301-1553132-1	Sr clerk	GGHS Nishtar abad
9.	Madam Anisa Goher	0344-9092740	17301-8313443-8	Principle	GGHS & college Nishtar abad
10.	Adnan khan	0346-0952636	-	GBO at UBL	Hashtnagri
11.	Irfan Nadeem	0333-9141218	-	Manager at UBL	Hashtnagri
12.	Farooq Shah	0321-9195072	-	Teacher high school no 2	Hashtnagri
13.	Imdad Khan	0300-9323231	17301-1452249-7	Teacher GS no1	Hashtnagri

14.	Imdad Khalil	0300-9152182	-	Arco Paint	Hashtnagri
15.	Javed Khan	0333-9114771	-	Royal Mobile	Hashtnagri
16.	M Ghafoor	0343-4520705	-	Shah Autos	S# 29 Balahisar
17.	Hassan Khan	0312-5994247	17301-6628104-7	Hassan autos	S#34 Balahisar
18.	Mobeen Ahmad	-	-	Mobeen autos	S# 38Balahisar
19.	Pervez khan aka Habib Ullah	0321-9003245	17301-1533753-3	Habib Autos	Near frontier College LRH Road
20.	Naseem Iqbal	0333-9134220	-	Manager Ali medical center	LRH road
21.	Nigah Husain	091-2211273	-	Forward High School (girls Branch)	LRH Road
22.	Orangzaib khan	0300-9330007	-	President of medical association LRH Road	LRH road near kabli chowk
23.	Aziz Rehman khattak	091-2212894	-	Khattak Optico	LRH road near kabli chowk
24.	Fazlullah khan	091-2212534	17301-1483161-1	Owner University Books	Main Khyber bazaar Road
25.	Inamullah	0312-0110000	17301-1674370-9	Manager University Books	Main Khyber Bazar
26.	Faraz Ahmed	091-2211414	-	Ays Electronic	Main Khyber bazaar road
27.	Haji aurangzaib	0300-5907000	-	President of jewelers association Peshawar	Main interior Bazar peshawar

28.	M Adnan	0300-5987606	-	Adnan jewelry	Main interior Bazar peshawar
29.	Zalan Bakhtiar	0300-9392191	-	Zalan jewelry	Main interior Bazar peshawar
30.	Zakir Shah	0333-9118226	-	Albasit jewelers	Main interior peshawar
31.	Faheem Khan	0300-9118226	-	Jhanzaib Jewelry	Main interior Bazar peshawar
32.	Javed Khan	0300-5925125	-	Javed jewelers	Main interior Bazar peshawar
33.	Irfan Ullah	0311-9997581	17301-6228670-1	Total Parco petrol pump	Sardar gari chamkni Road
34.	Zahid ur Rehman	0332-9444935	17301-5945626-3	ICMS school system	Chamkani
35.	Gulshad khan	0300-5995065	-	-	-
36.	Mohammad Abdul Akbar	0333-910081	-	Ex MNA Chitral mohtamim Darul Aloom Islamia	
37.	Mohammad Jameel	0300-59004966	17301-0327957-1	Jameel Spare Parts	Chamkani
38.	Shabir Ahmed	091-2650585	17201-8710197-5	Ever green pump	Chughalpura
39.	Niaz Mouhammad	0313-9534090	17301-7845308-9	Mechanic	Chughal pura
40.	Mouhammad Adnan	0332-9094276	17301-5097874-7	Eastern Teaching hospital	Chamkani road chughal pura
41.	Dr Abdul Qayum	0333-9212104	17301-9030468-7	Agha khan Hospital	GT road
42.	Shahbaz Ali	0323-5500377	15201-4372025-3	Agha khan Hospital	GT road

43.	Sohrab Khan	0332-9247274	17301-7132730-9	Agha khan Hospital	GT road
44.	Sardar Ali	0345-9221505	15202-0835165-9	Agha khan Hospital	GT road
45.	Naveed Ali shah	0345-4445080	17301-7132730-9	Modern Battery	GT road Raees hotel
46.	Sabz Ali shah	0333-4923823	-	Daewoo bus service	GT Road
47.	Atlas Khan	0333-9044226	-	GHS no1	Hashtnagri
48.	Shams ur rehman	0300-5885639	-	Director finance	LRH
49.	Sabir jagra	0311-9684913	17301-4504737-3	PA Director HR	LRH
50.	Jalal Ahmed	-	17301-7395106-9	HR officer	LRH
51.	Mouhammad Shabir	0334-9057210	21201-1901665-3	Sr stenographer	LRH
52.	Mohammad salim	0301-8862068	17301-514722-1	Office asst	LRH
53.	Sultan khattak	-	-	Dealing asst	LRH
54.	Adnan Majeed	17101-4634534-5	0306-5916166	HR officer	LRH
55.	Ahsan Ali shah	0335-9222292	17301-5489653-9	Administration	LRH
56.	Mohammad Rafiq	0321-8131313	-	Umer pharmacy	LRH road
57.	Sher Haider Khan	0336-9377022	15201-2249227-9	Saeed anwar medical hospital	Dabgari garden
58.	Akhter	0321-9035606	-	Manager Saeed anwar medical center	Dabgari garden

59.	Shareef Gul	0333-9122849	17301-2283284-3	Principle GHS Saqib Ghani	Civil quarter
60.	Irshad ahmed	03015944340	17301-0242242-7	Sr. Teacher GHS Saqib Ghani	Civil quarter
61.	Ibrahim Khan	0345-9395810	16202-0355423-7	Gold palace jewelry	Sonehri Masjid Nothia
62.	Amjad Ahmed	0321-2474725	17301-1171491-8	Hamdard Dawa Khana	Notha
63.	Zahid Shah	0301-8516611	17301-3506311-9	Manager Samsung Shop.	Peshawar cantt.
64.	Waleed Riaz	0300-5898956	17301-6622616-1	Mobile shop	Peshawar cantt.
65.	Amjid khan	0315-9159151	17301-9622616-1	Security guard company	Peshawar cantt.
66.	Aziz khan	0331-9399934	17301-1333148-5	Employee Mobile local repair shop.	Peshawar cantt.
67.	Mohammad Zubair	0333-9264448	16101-71566525	Manager Bata shoes franchise	University Road
68.	Kashif Ullah	0333-9307350	-	Maintenance engineer KTH	KTH university road
69.	Riaz Ullah	091-9224257	-	PA to Medical Director KTH	KTH University Road
70.	Tahir Shah	0333-3476668	17301-3391774-5	Account Asst KTH	KTH University Road
71.	Shams Ul Haq	0333-9137633	17301-2900087-9	Sr Clark KTH	KTH University Road
72.	Farhad Khan	0333-9109847	-	PRO KTH	KTH University Road
73.	Brig(r) Fazle Akbar	091-9224422	-	Director of KTH	KTH University Road

		03345014142			
74.	Alamgir Khan	0313-9447878	-	Super General Store	University Road Peshawar.
75.	Jamshaid Khan	0336-5907419	17301-1533754-1	Mansur photo state Shop,	Board road Peshawar.
76.	Prof Shehzad	0345-9222202	-	HD/MD HMC	HMC (Hayatabad Medical Complex)
77.	Usman Khan	0344-9294077	-	PA to MD	HMC (Hayatabad Medical Complex)
78.	Dr Nasir Hassan	-	-	Coordination Officer	HMC (Hayatabad Medical Complex)
79.	Muhammad junaid	0333-9169280	-	Admin dept at Shaukat Khanum Hospital - Peshawar	Hayatabad
80.	Saif ullah	0334-8122344	-	Admin dept at Shaukat Khanum Hospital - Peshawar	Hayatabad
81.	Abdul hameed	0300-5677834	-	Admin dept at Shaukat Khanum Hospital - Peshawar	Hayatabad

ANNEXURE H

PHOTOGRAPHS OF LANDMARKS ALONG PROJECT CORRIDOR



Photograph 11-1: High traffic congestion at Khyber Bazar



Photograph 11-2: Entrance of Khyber Teaching Hospital (KTH)



Photograph 11-3: ICMS building on University Road



Photograph 11-4: Existing residents next to project boundary are in the construction business and own their own construction trucks



Photograph 11-5: The project site contains little vegetation cover primarily containing wild grasses



Photograph 11-6: A view of Tatara Park



Photograph 11-7: A view of Hashnagri



Photograph 11-8: Govt Shaheed Haider Ameen High School



Photograph 11-9: Entrance to Accident and Emergency Department of Lady Reading Hospital



Photograph 11-10: Soekarno Square with PAK Medical Center and Hospital visible in the distance



Photograph 11-11: Govt Shaheed Mobeen Shah Higher Secondary School



Photograph 11-12: Forward High School



Photograph 11-13: Shaukat Khanum Hospital



Photograph 11-14: Board of Intermediate and Secondary Education - Peshawar



Photograph 11-15: Building of Islamia University seen in the distance



Photograph 11-16: Entrance to Islamia College - Peshawar



Photograph 11-17: SOS Children's Village located next to Shaukat Khanum Hospital - Peshawar



Photograph 11-18: View of existing roads along BRT route where project will be developed