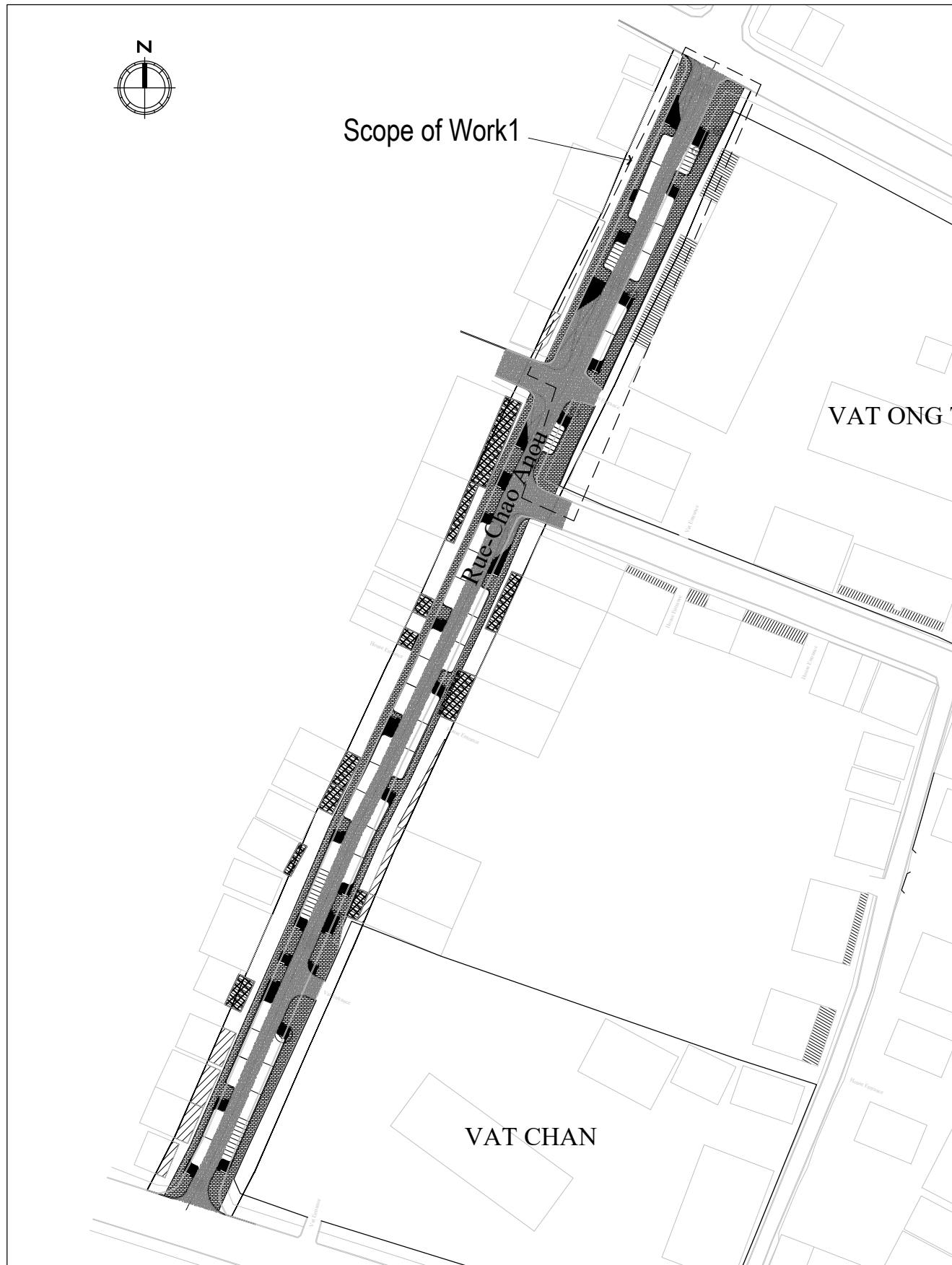


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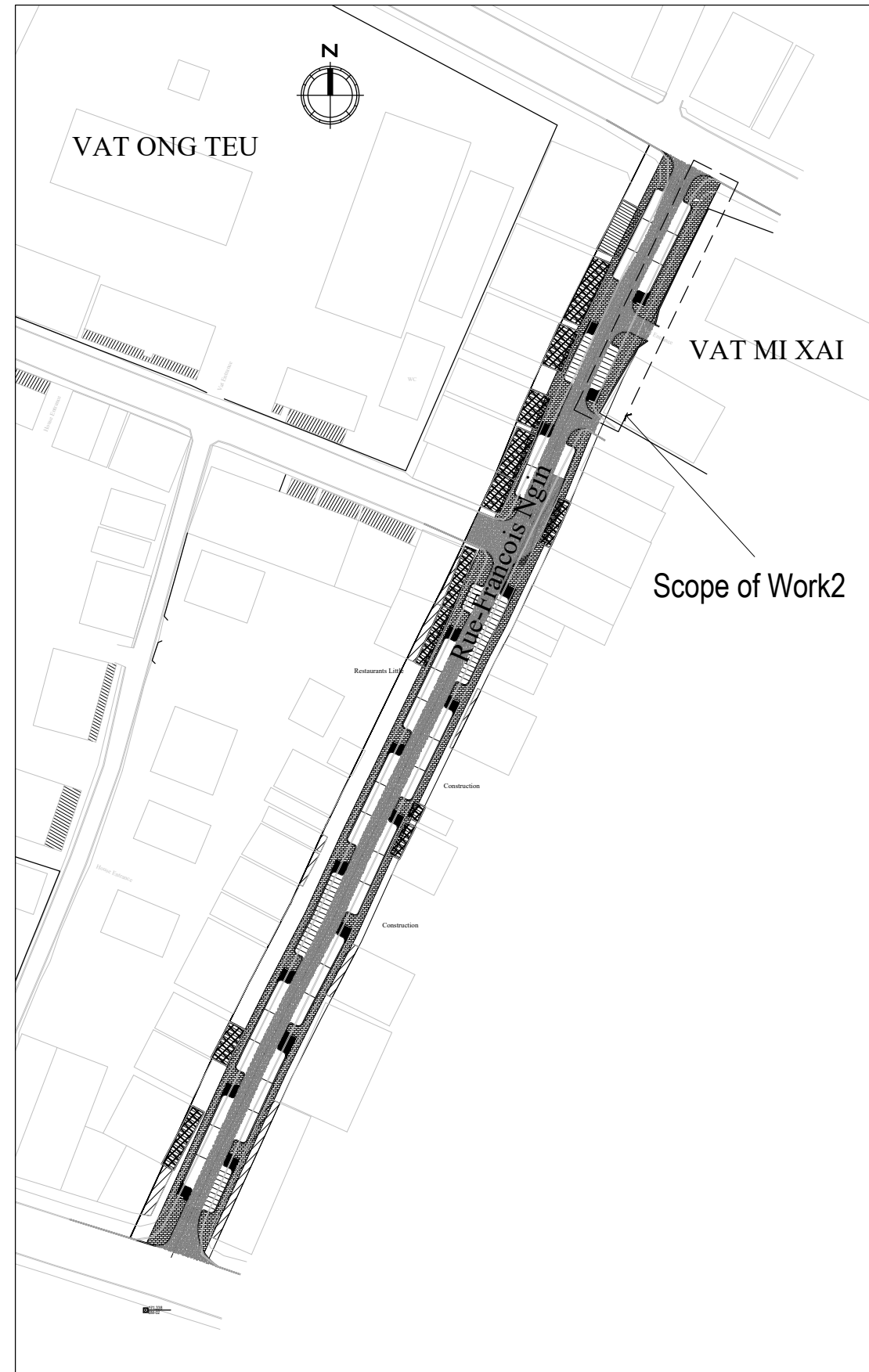
Pilot Project Drawing

5.2 Master Plan



Chao Anou

Scale 1: 1250



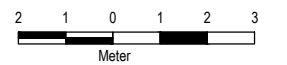
Francois Ngin

Scale 1: 1250

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
Conceptual Plan
For Reference



Date:	Drawing No.	Scale:
June 2016	ML02	Not to scale

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

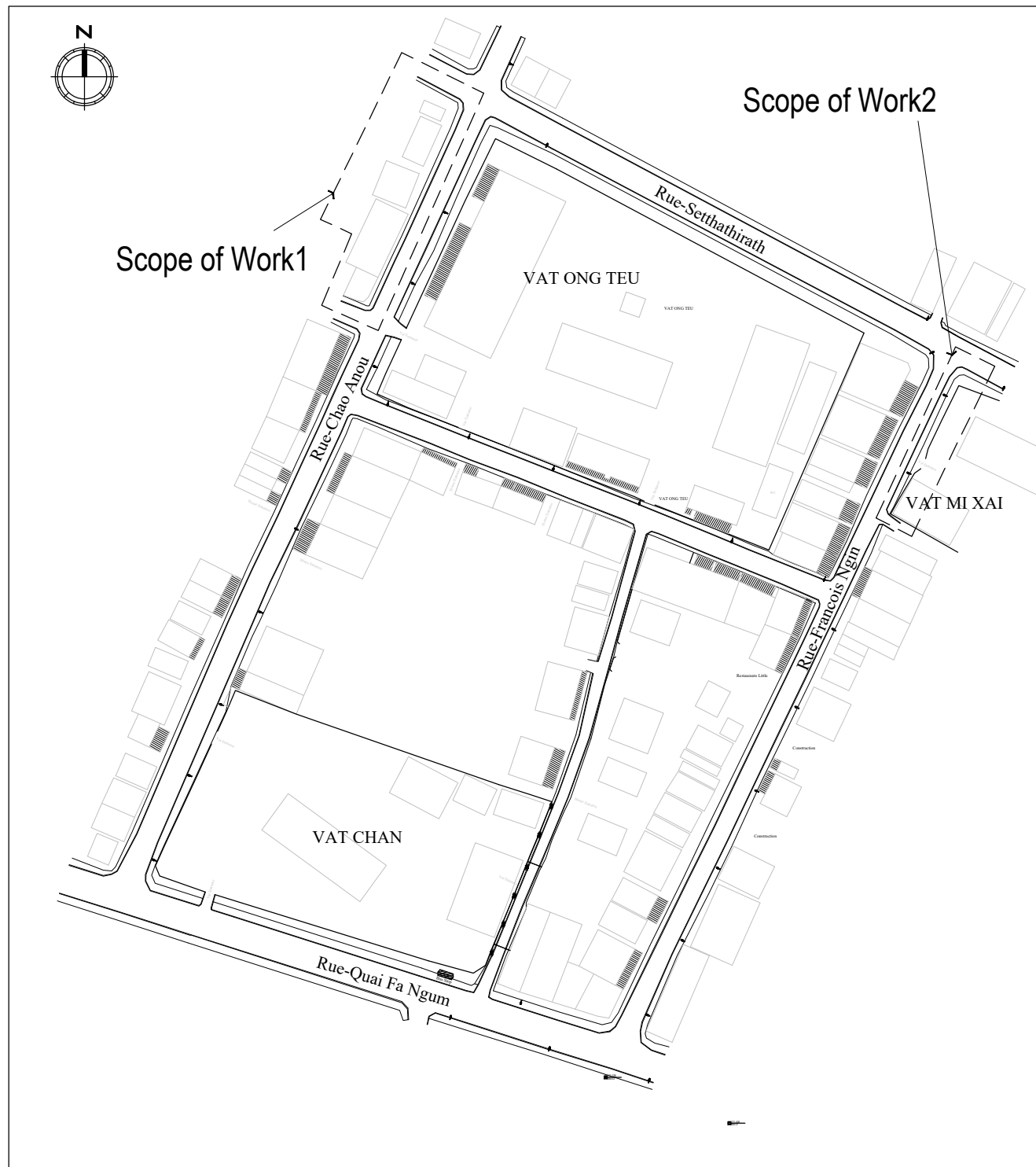
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

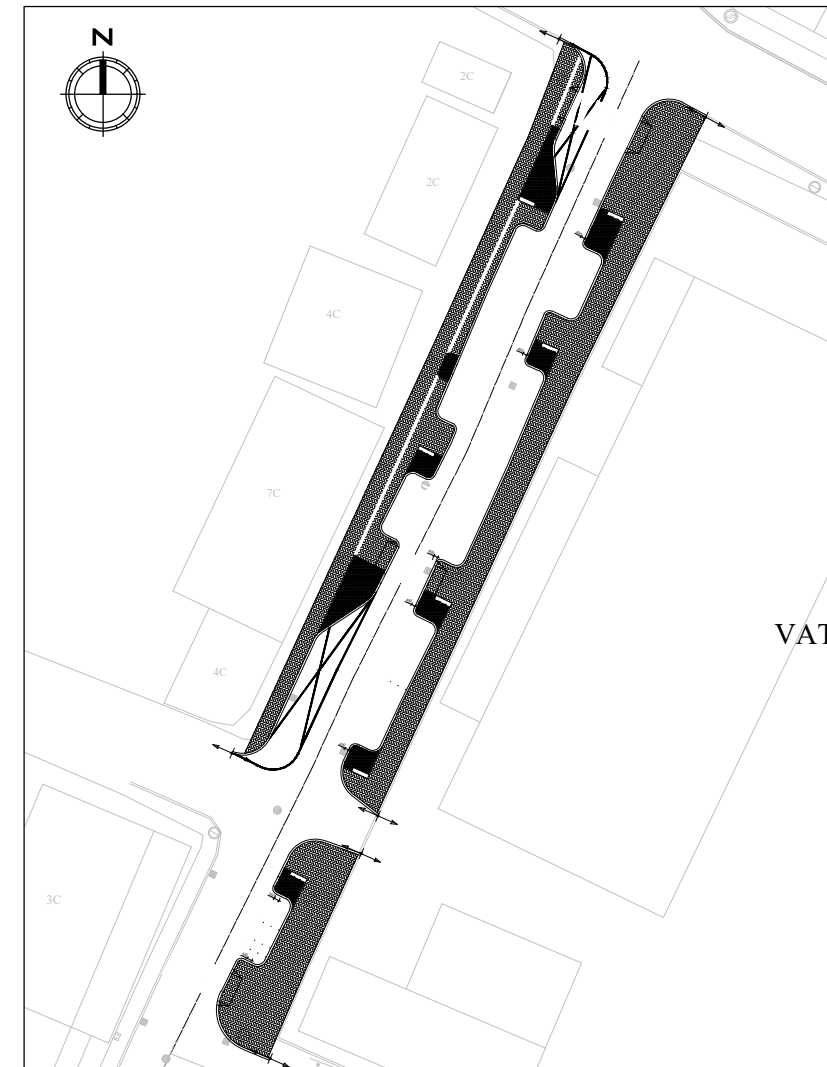
General Director of
Department of Public Works and Transport
of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



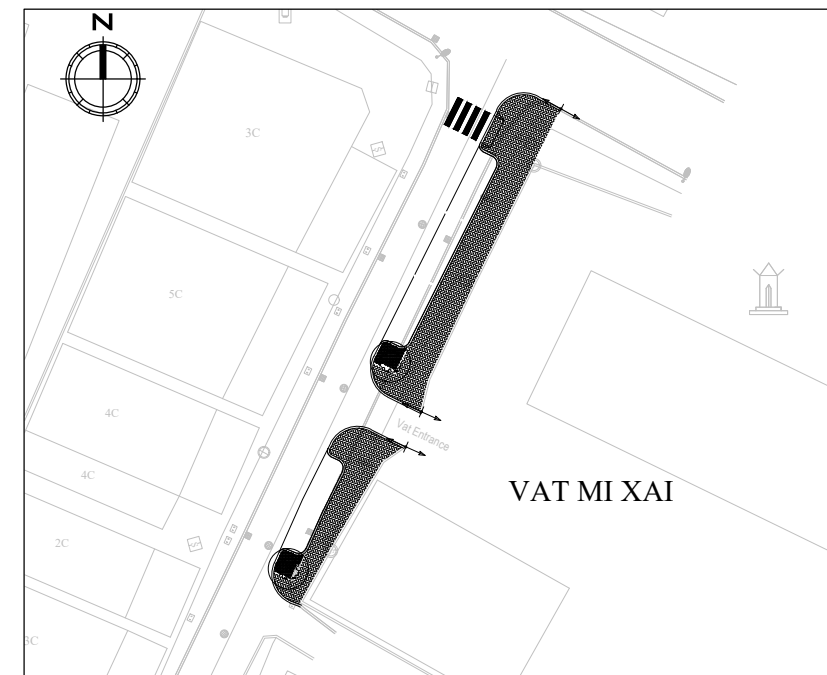
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Scale 1: 2000



Scope of Work1. Chao Anou

Scale 1:750



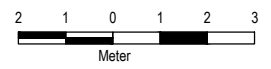
Scope of Work2. Francois Ngin

Scale 1:750

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Construction Line
- New Center Line
- New Arc Object
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- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
Detail Design for
Master Layout



Date:	Drawing No.	Scale:
June 2016	ML01	Not to scale

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
Department of Public Works and Transport
of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	

5.3 Scope of Work1. Chao Anou



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Existing plan 01

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-EX01	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

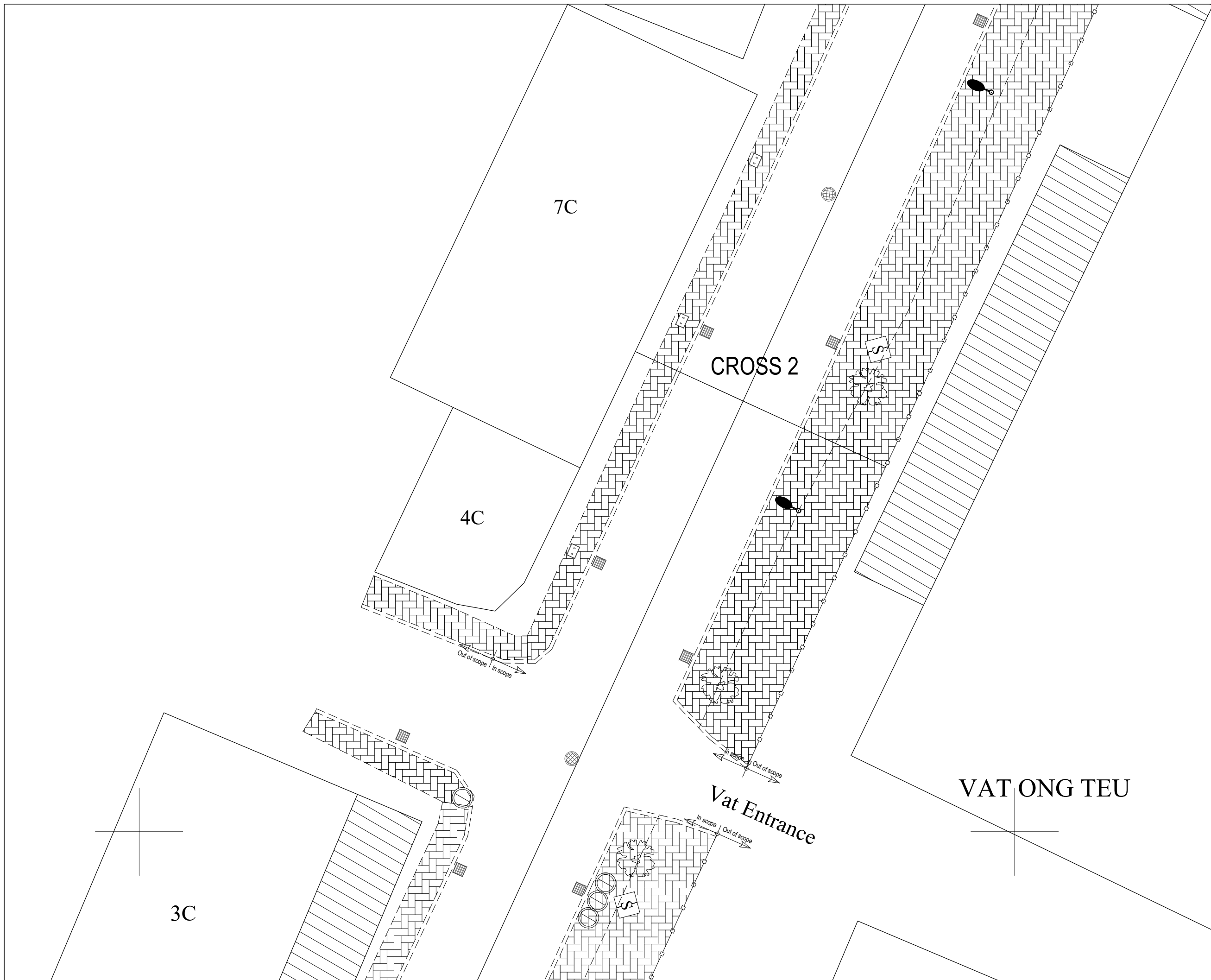
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
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- ELECTRIC POLE 12 m
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- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Existing plan 02

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-EX02	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Existing plan 03

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-EX03	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

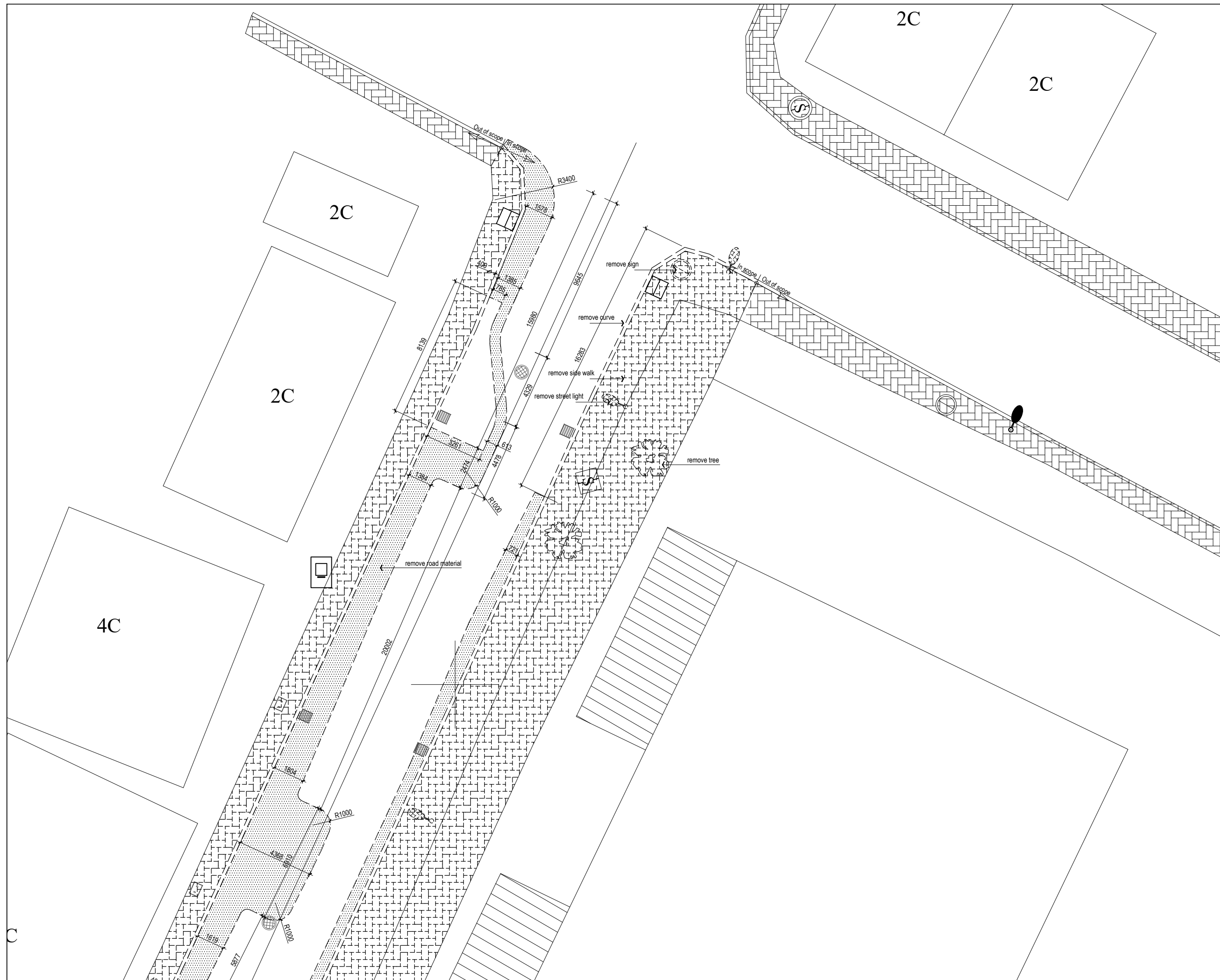
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Demolition plan 01

Meter

Date:	Drawing No.	Scale:
June 2016	OT-DM01	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

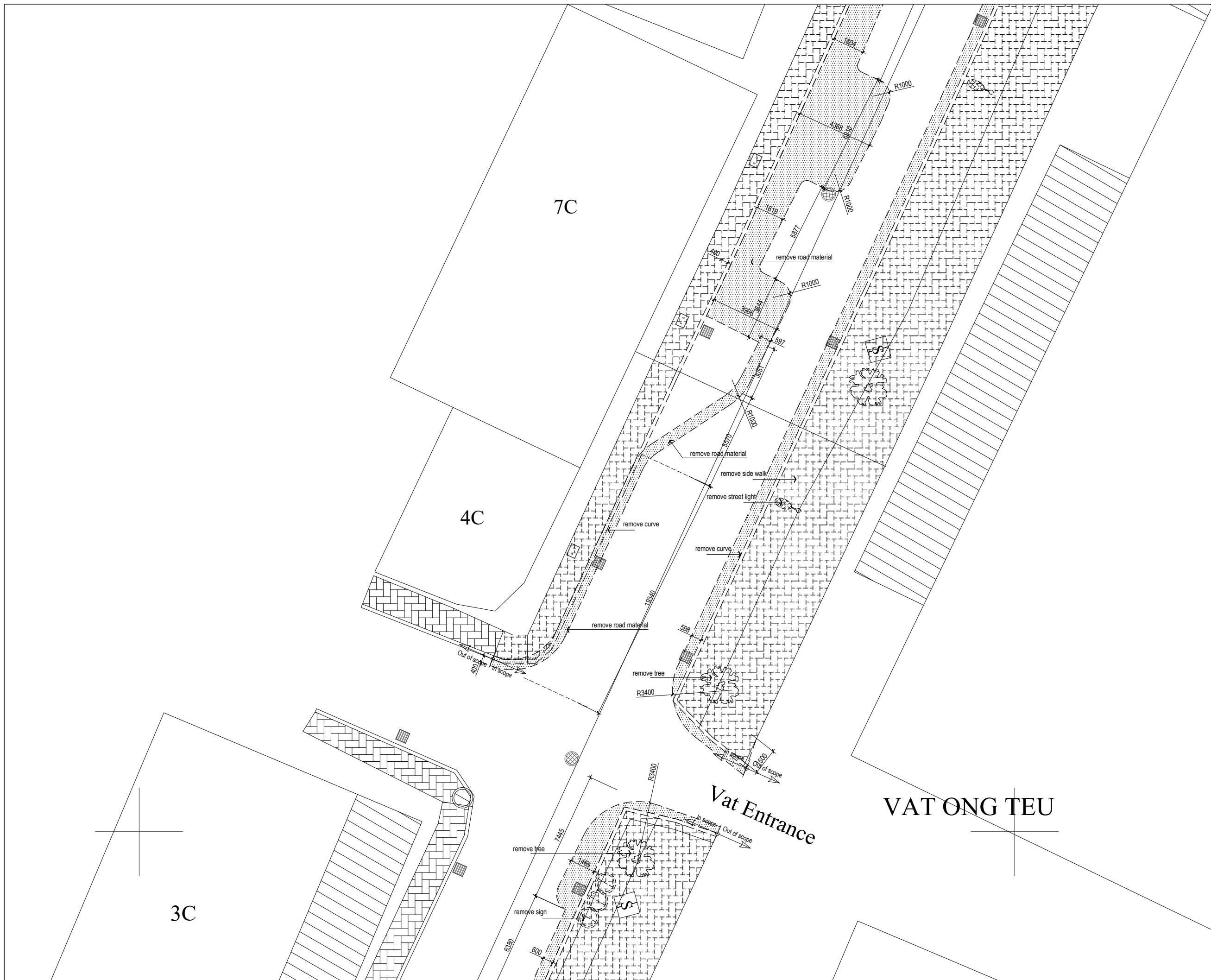
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
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- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Demolition plan 01

Meter

Date:	Drawing No.	Scale:
June 2016	OT-DM02	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- 171.436 PROJECT
- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Concrete road
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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Demolition plan 01

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-DM03	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 01

Date: June 2016 **Drawing No.:** OT-D01 **Scale:** 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

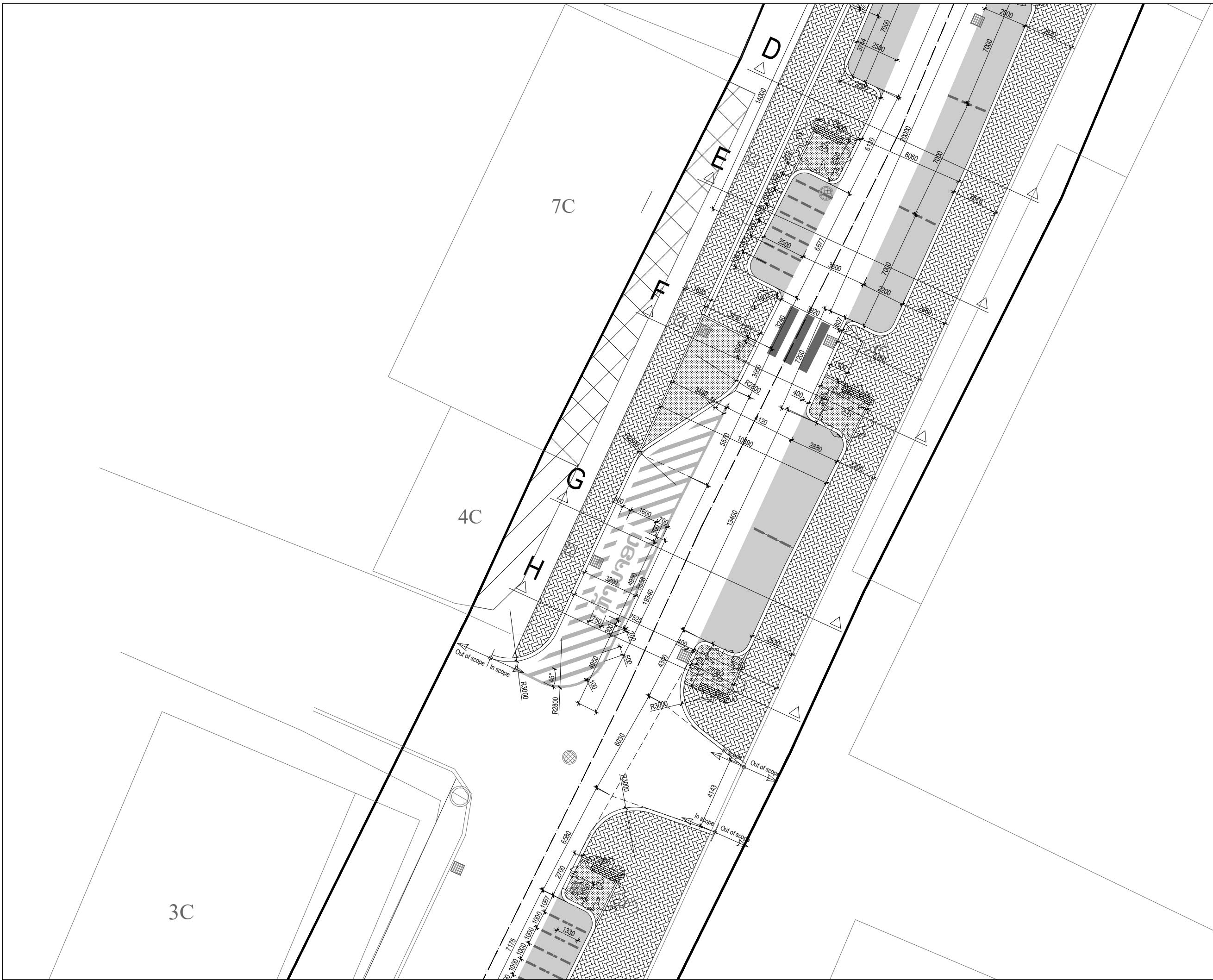
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 02

Date: June 2016
Drawing No.: OT-D02
Scale: 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

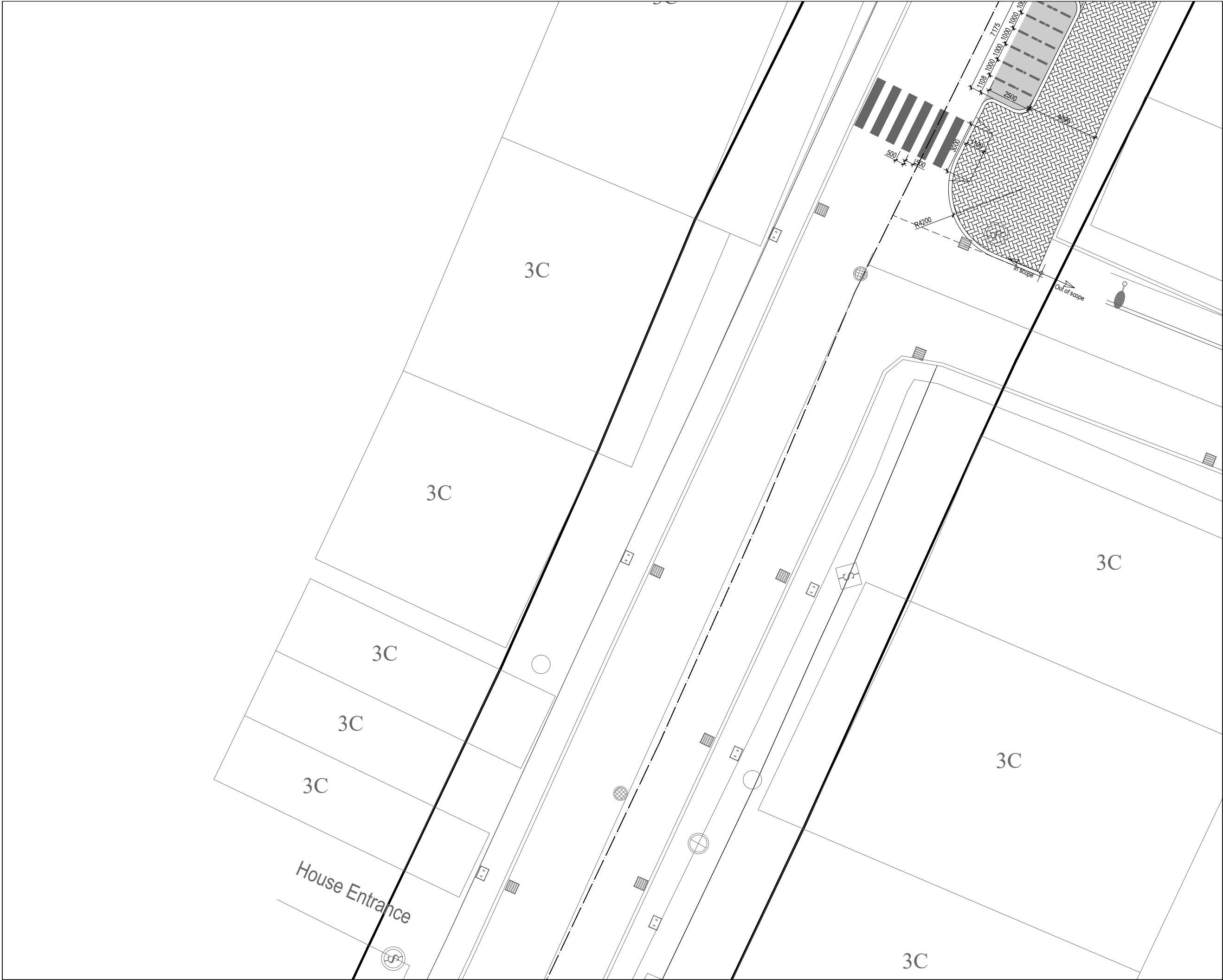
Name: Mr. Vilakone MANYPHOUSAY
Signature:

Project Director
 Public Works and Transport Institute,
 MPWT

Name: Mrs. Phonesavanh PHENGSYDA
Signature:

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name: Mr. Detsongkham THAMMAVONG
Signature:



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 03

2 1 0 1 2 3
 Meter

Date: June 2016	Drawing No.: OT-D03	Scale: 1:200
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Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

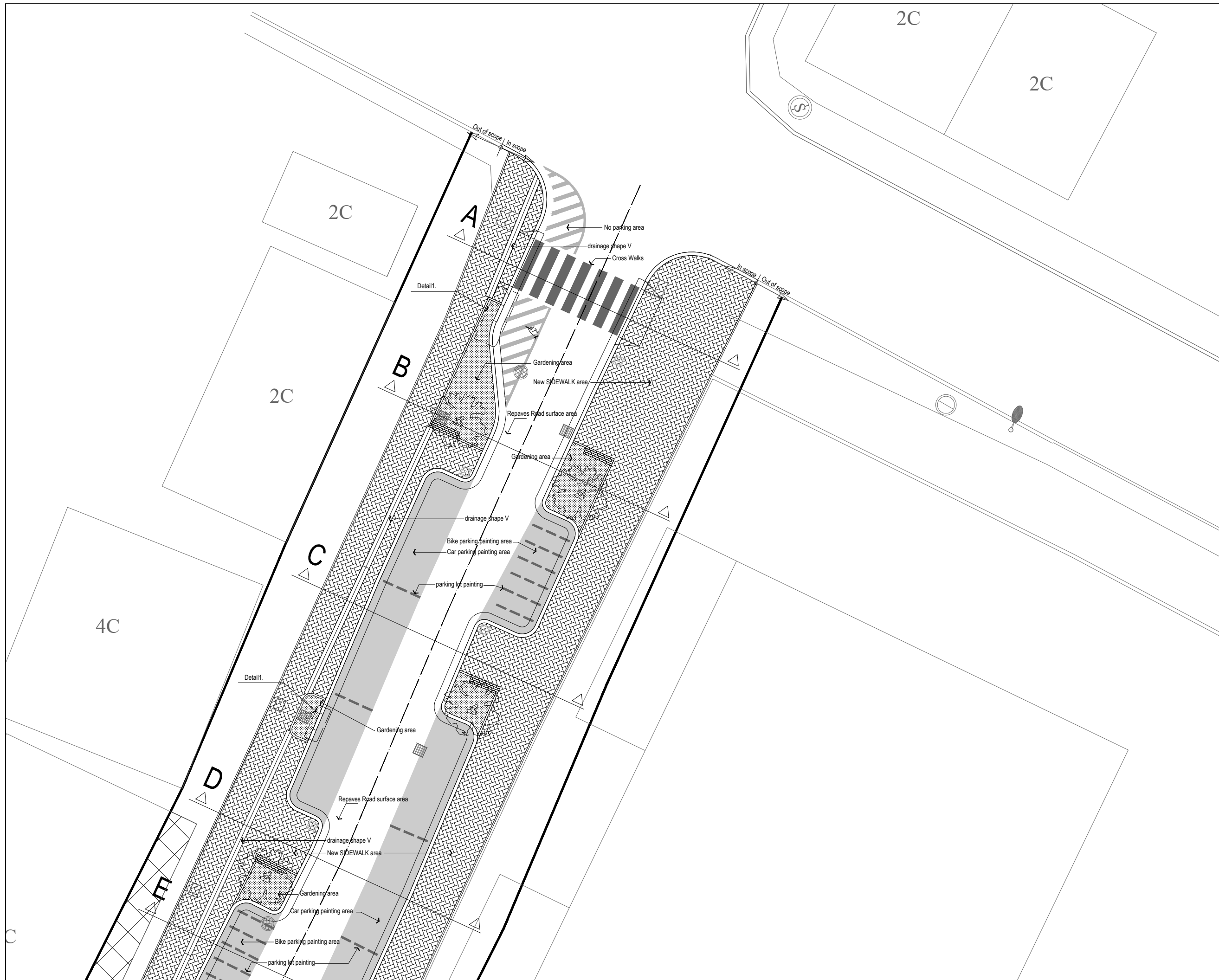
Name Mr. Vilakone MANYPHOUSAY	Signature
---	------------------

Project Director
 Public Works and Transport Institute,
 MPWT

Name Mrs. Phonesavanh PHENGSYDA	Signature
---	------------------

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name Mr. Detsongkham THAMMAVONG	Signature
---	------------------



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
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- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Material Plan 01

Date: June 2016
Drawing No.: OT-M01
Scale: 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name: Mr. Vilakone MANYPHOUSAY
 Signature:

Project Director
 Public Works and Transport Institute,
 MPWT

Name: Mrs. Phonesavanh PHENGSYDA
 Signature:

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name: Mr. Detsongkham THAMMAVONG
 Signature:



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Construction Line
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- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Material Plan 02

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-M02	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

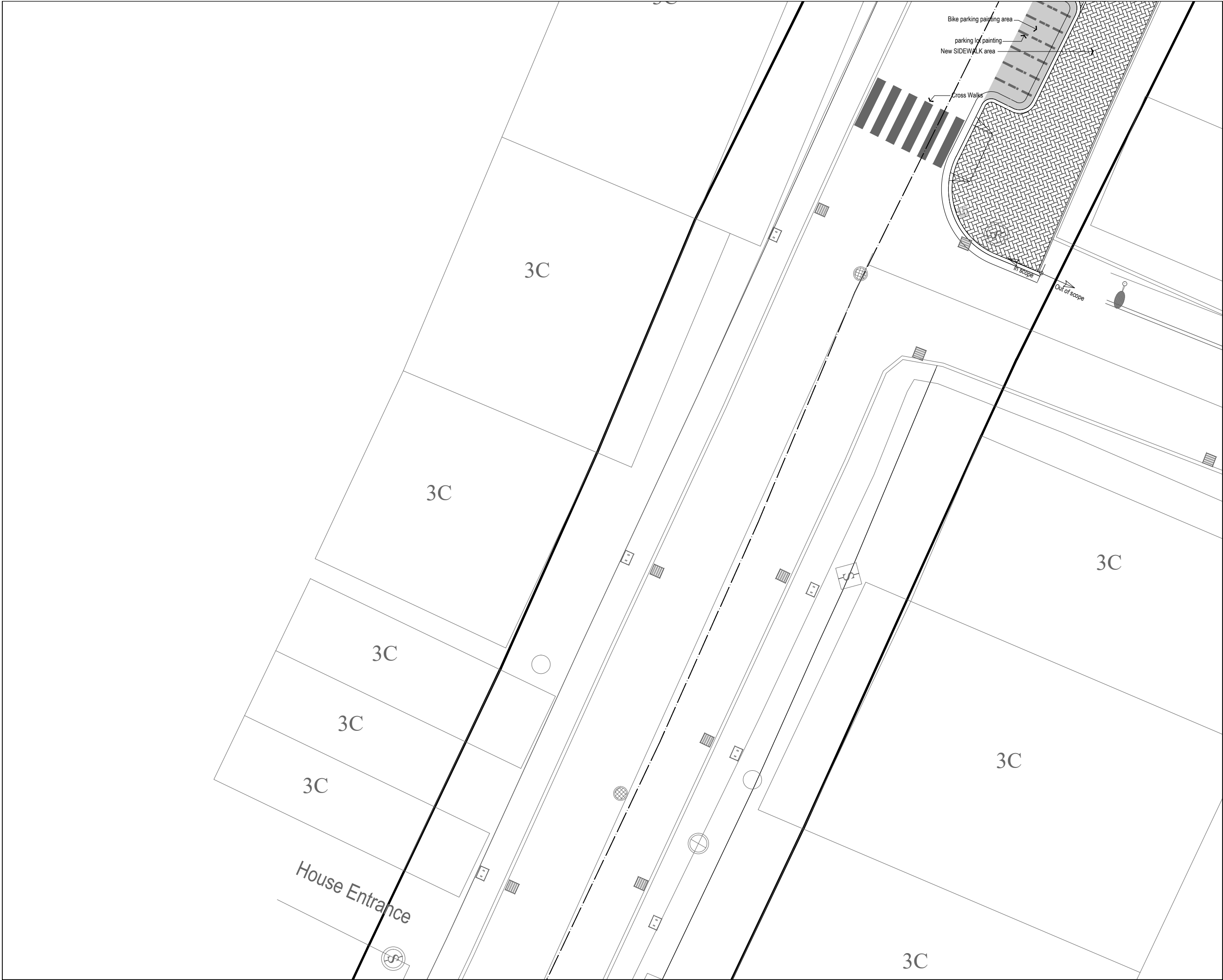
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Construction Line
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- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Material Plan 03

2 1 0 1 2 3
 Meter

Date: June 2016	Drawing No.: OT-M03	Scale: 1:200
---------------------------	-------------------------------	------------------------

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

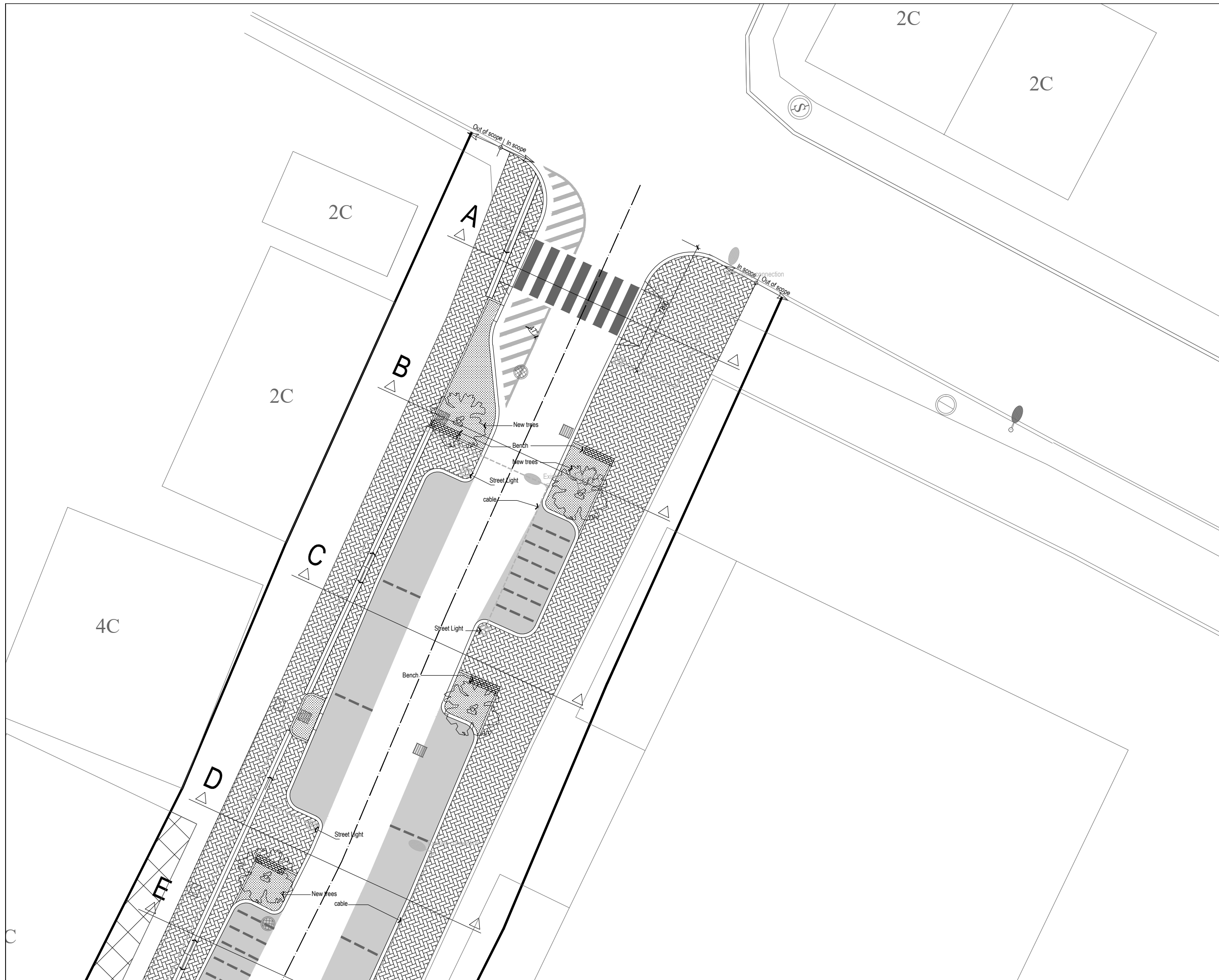
Name Mr. Vilakone MANYPHOUSAY	Signature
---	------------------

Project Director
 Public Works and Transport Institute,
 MPWT

Name Mrs. Phonesavanh PHENGSYDA	Signature
---	------------------

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name Mr. Detsongkham THAMMAVONG	Signature
---	------------------



Key maps

Legend

- 171.436
134.01 CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Street Furniture plan 01

2 1 0 1 2 3
 Meter

Date:	Drawing No.:	Scale:
June 2016	OT-L01	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
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 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Street Furniture plan 02

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-L02	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

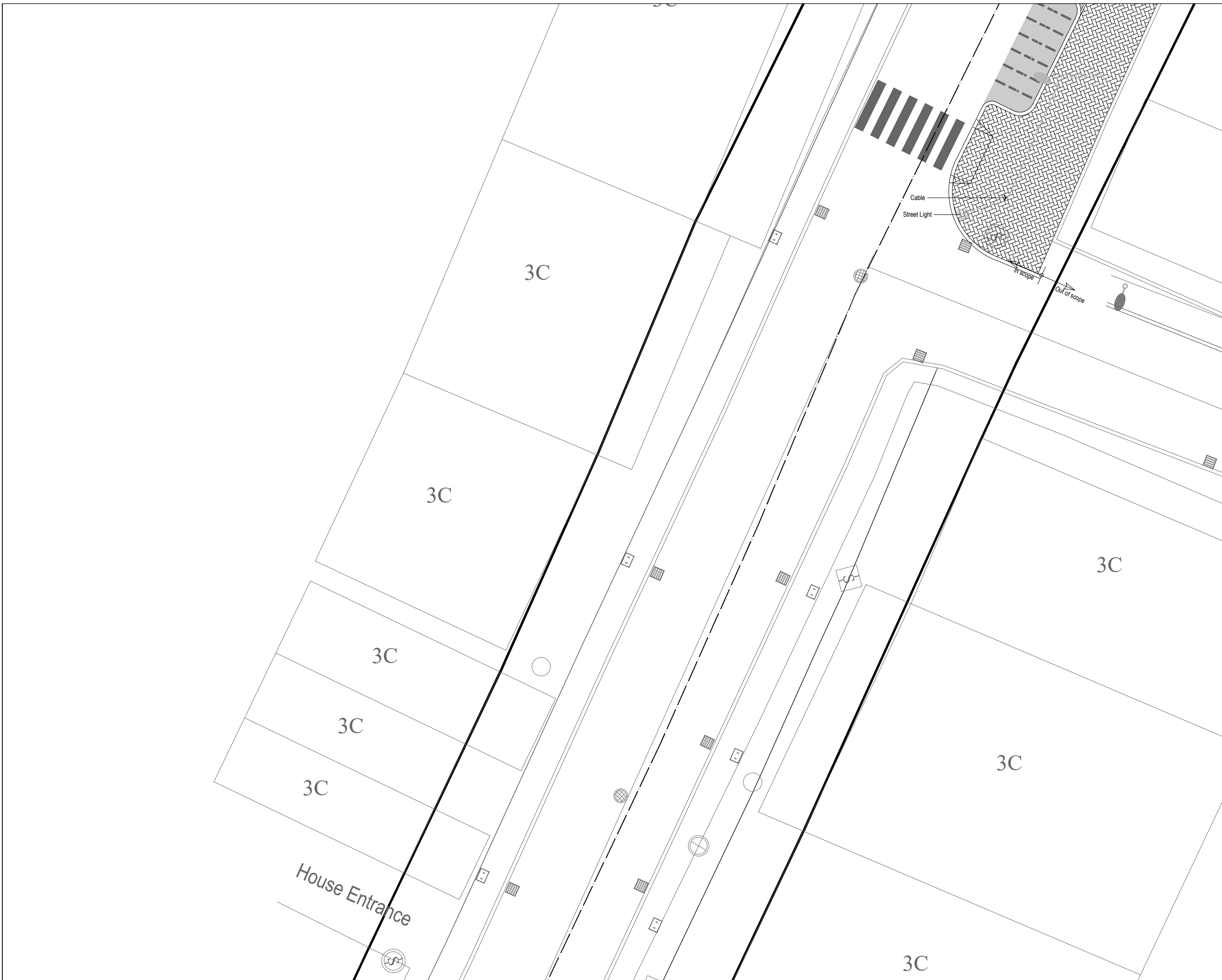
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Street Furniture plan 03

Date: June 2016 **Drawing No.:** OT-L03 **Scale:** 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

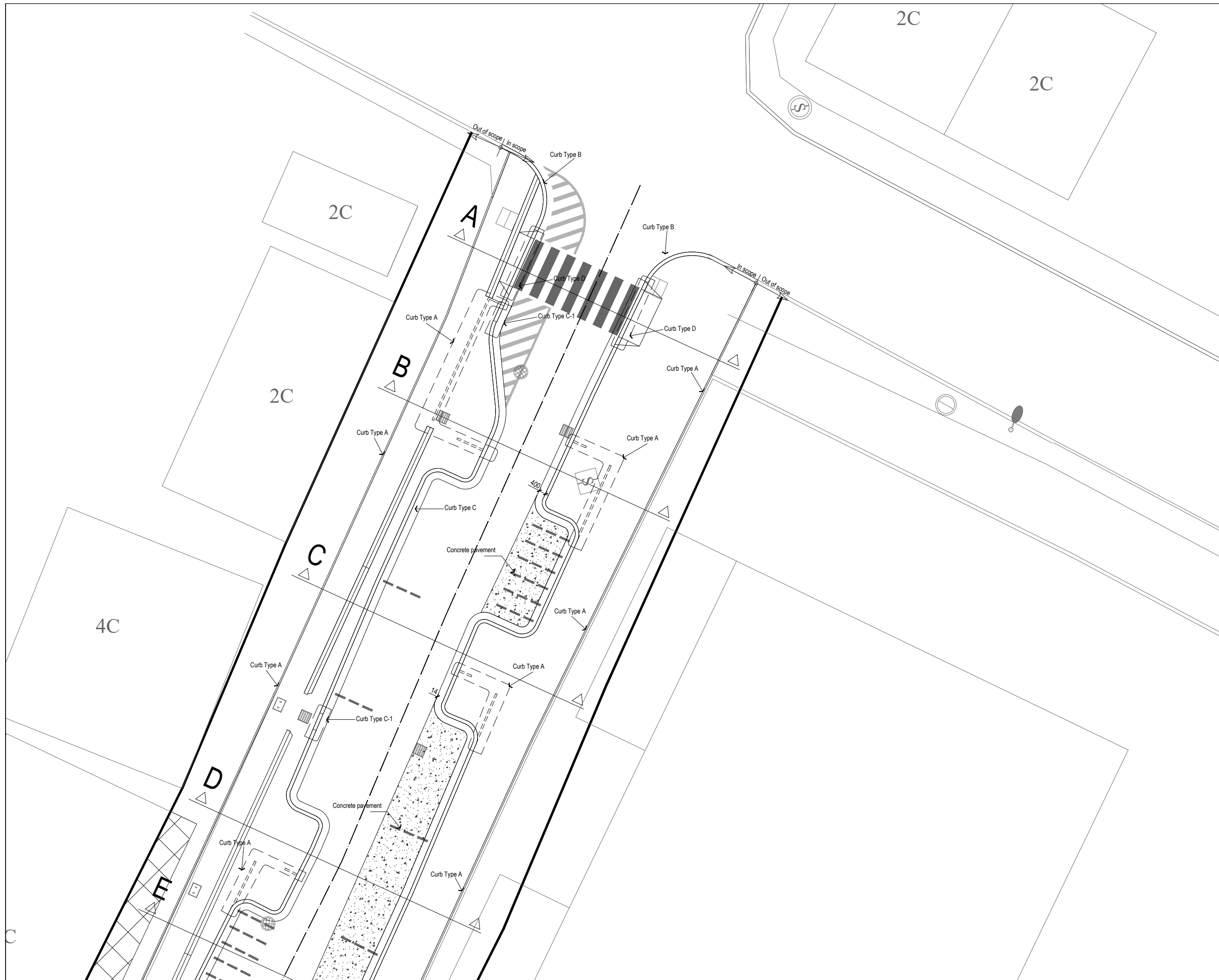
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- 171.436
133.401 CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
Detail Design for
Rue-Chao Anou
Concrete Plan 01

Date: June 2016
Drawing No.: OT-C01
Scale: 1:200

Project for Urban Development
Pilot Project-Historic Town
Renovation-

Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
Department of Public Works and Transport
of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
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- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike-Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou-02
 Concrete Plan

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	OT-C02	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

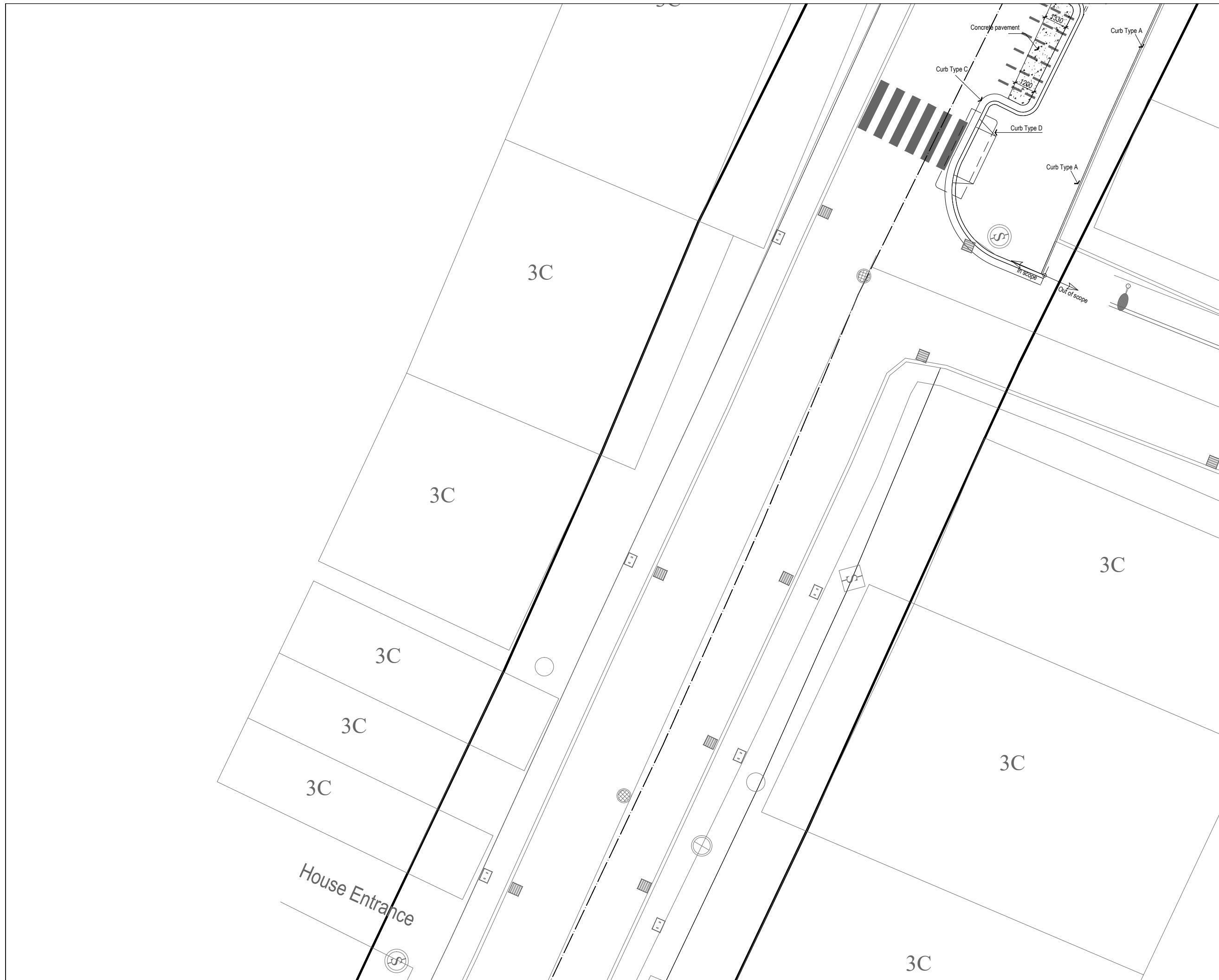
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou-03
 Concrete Plan

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
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Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

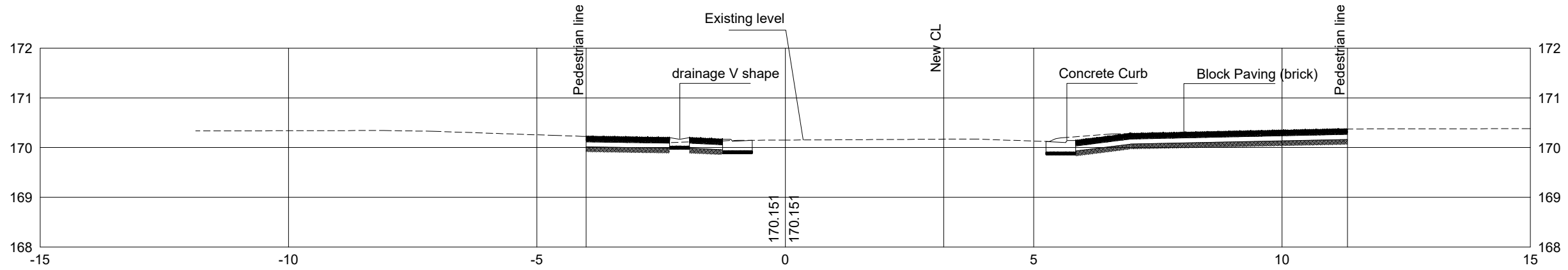
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

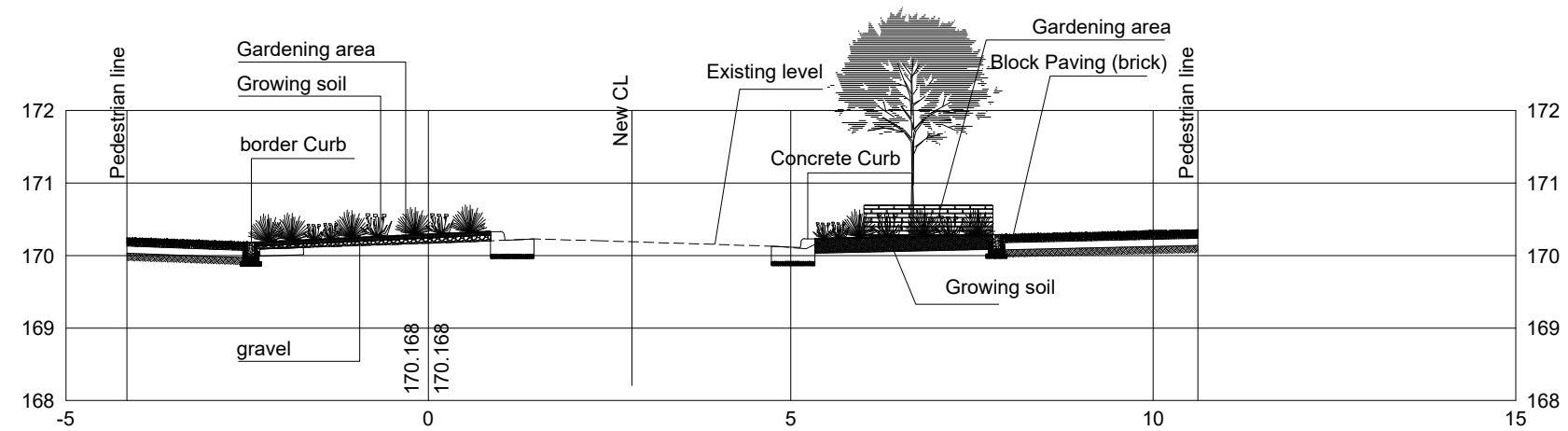
Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

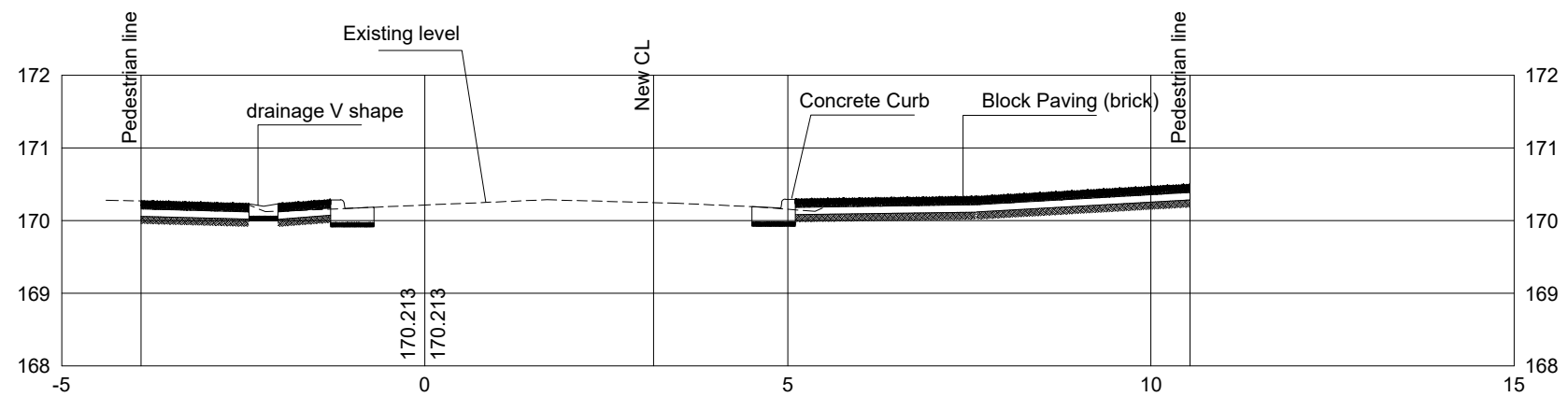
Name	Signature
Mr. Detsongkham THAMMAVONG	



A



B



C

Key maps

Legend

- 171.436 BENCH
- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Cross section " A,B,C "

Date:	Drawing No.	Scale:
June 2016	OT-CS01	Not to scale

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
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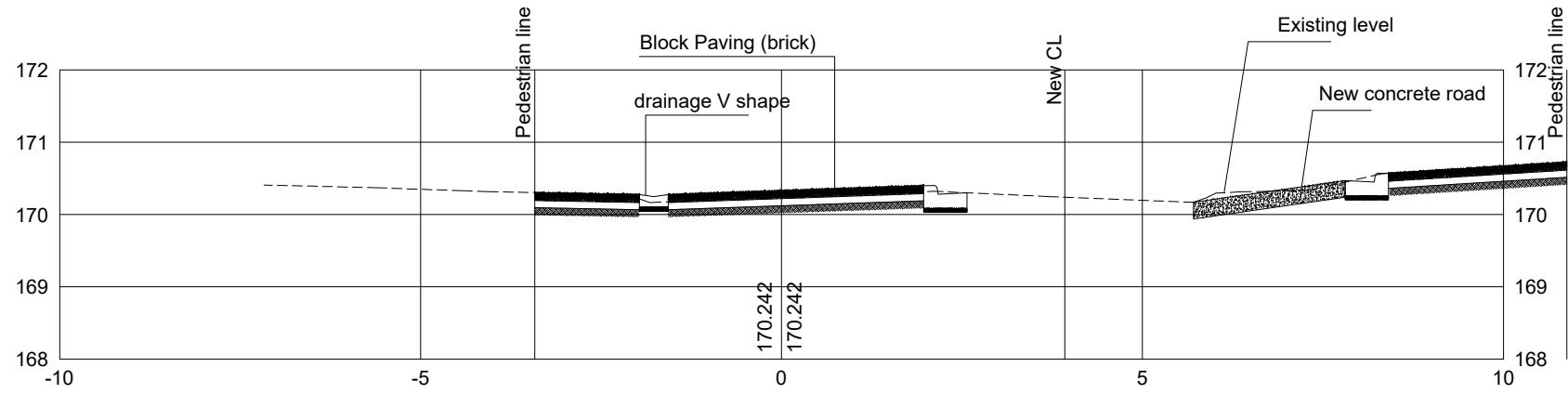
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Project Director,
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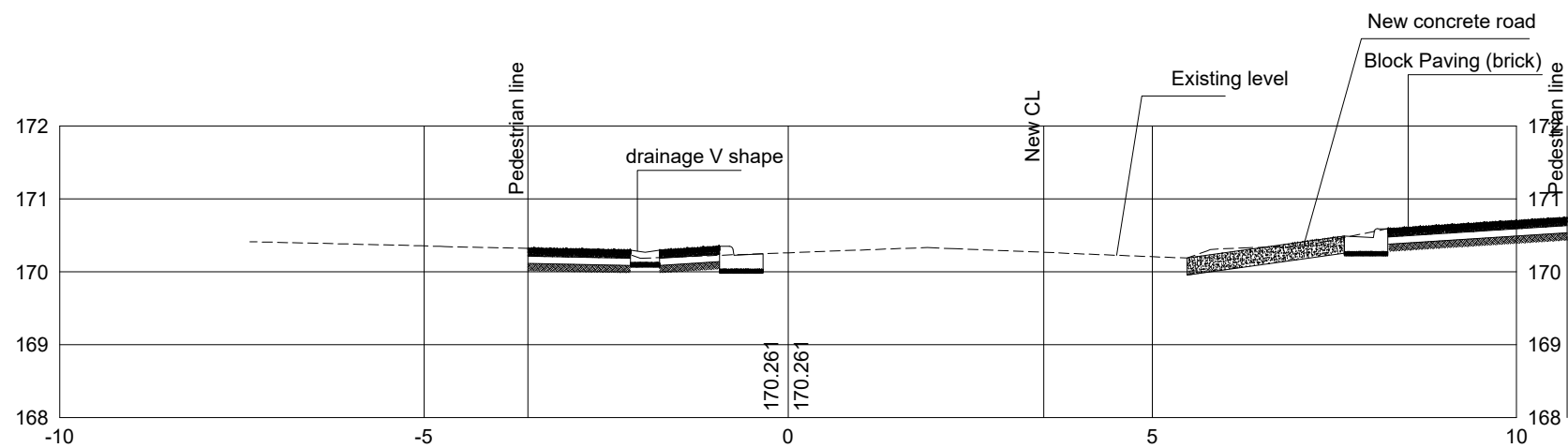
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Mrs. Phonesavanh PHENGSYDA	

General Director of
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 of Vientiane Capital

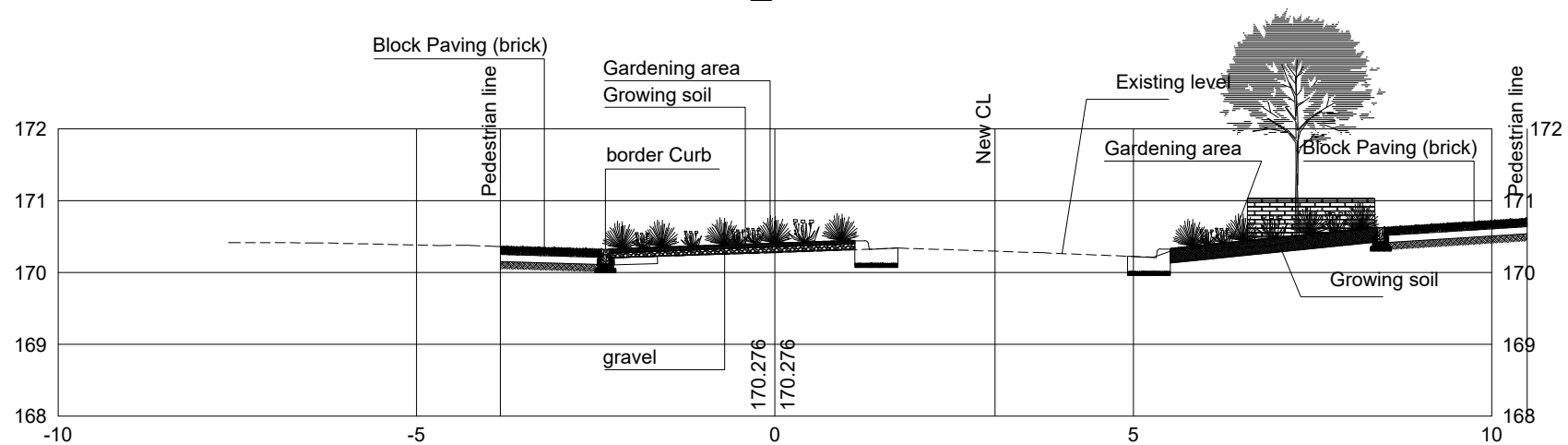
Name	Signature
Mr. Detsongkham THAMMAVONG	



D



E



F

Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
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- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Cross section " D,E,F "

Meter

Date:	Drawing No.:	Scale:
June 2016	OT-CS02	Not to scale

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

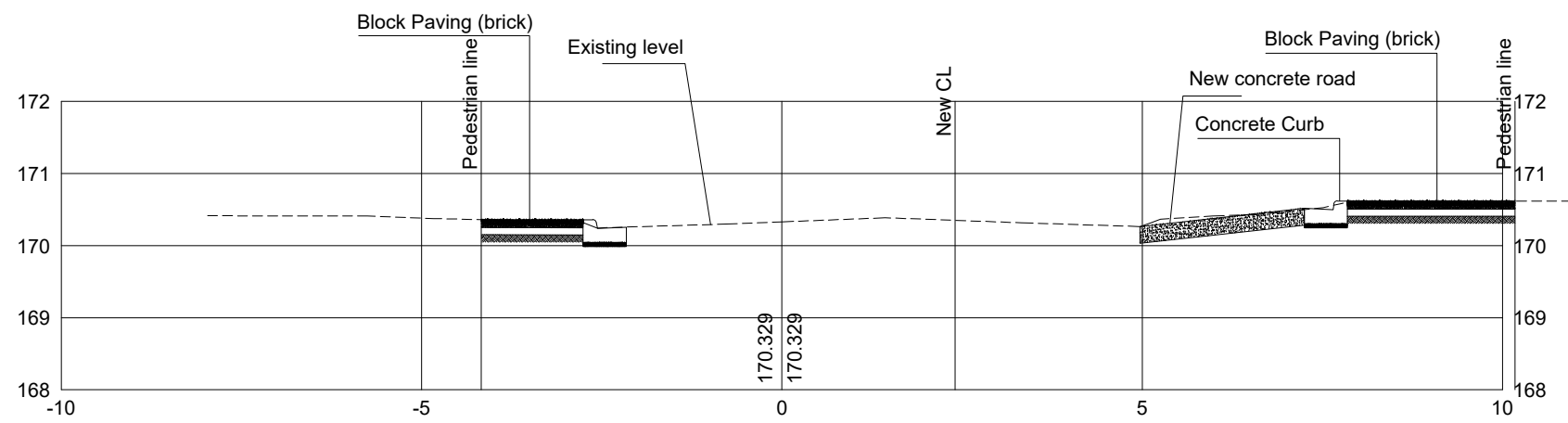
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director,
 Public Works and Transport Institute,
 MPWT

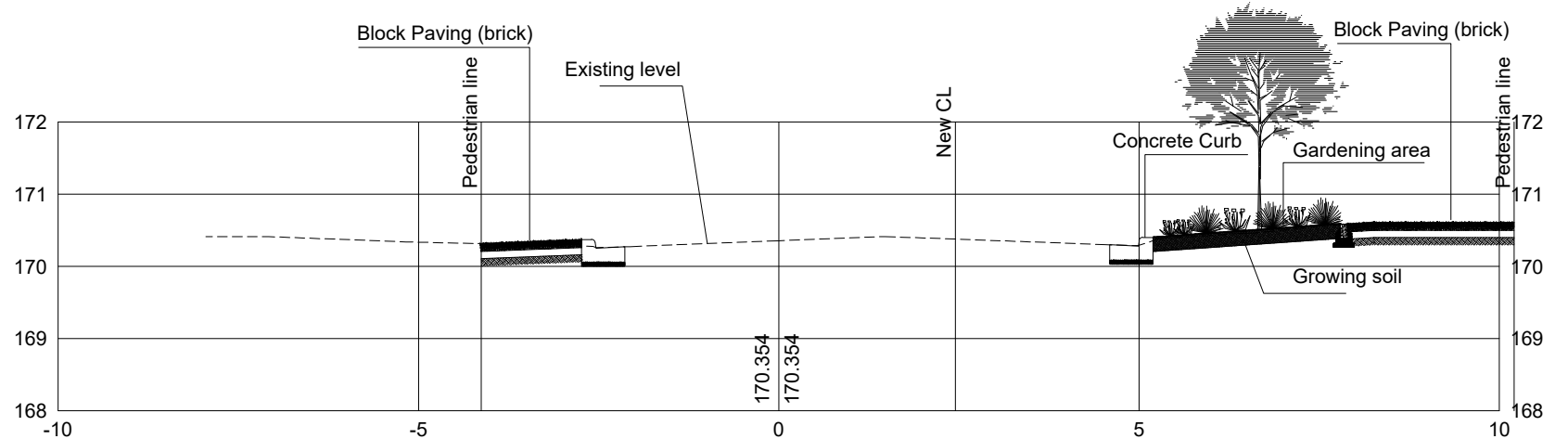
Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



G



H

Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Cross section " G,H "

Date:	Drawing No.	Scale:
June 2016	OT-CS03	Not to scale

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

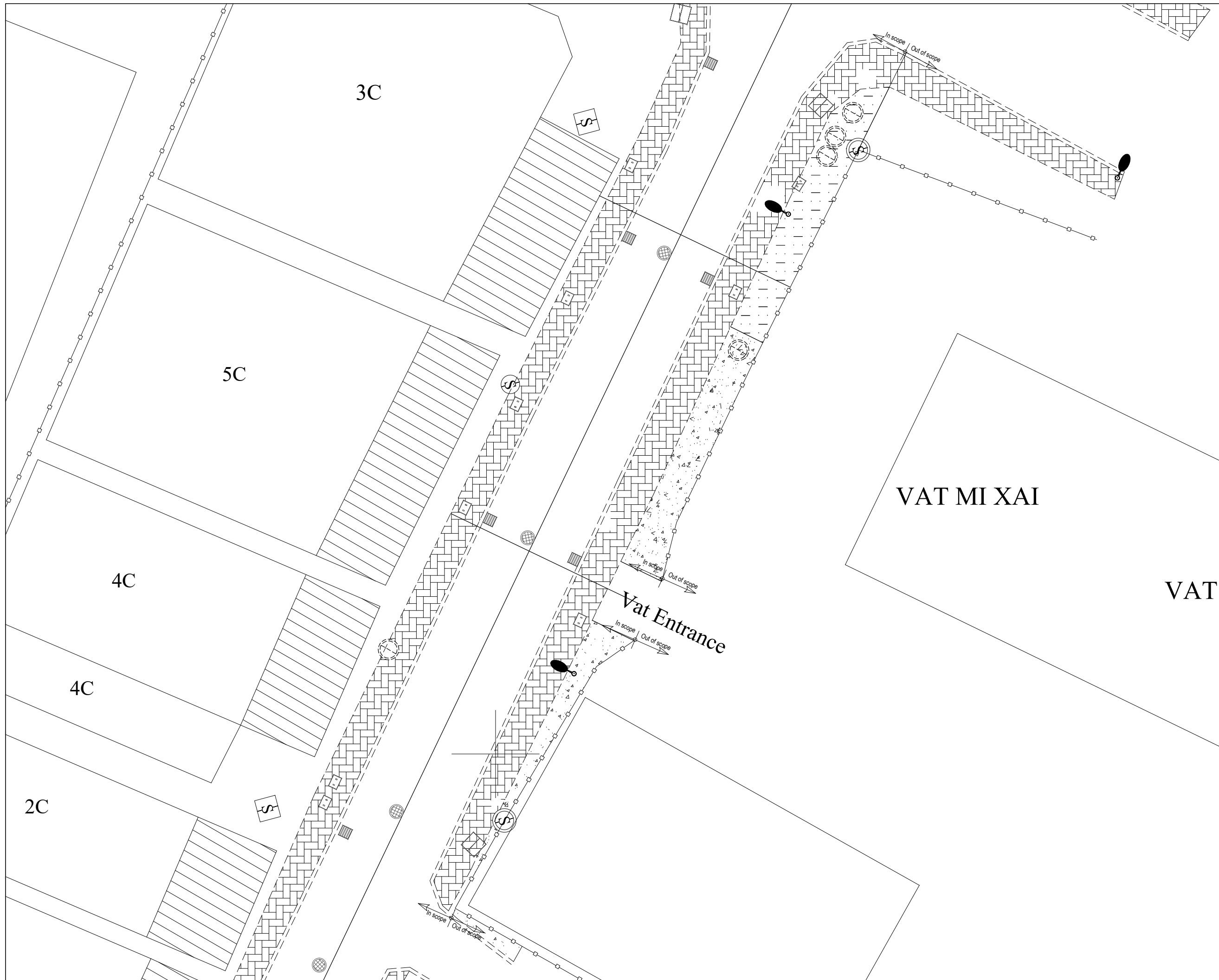
Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	

5.4 Scope of Work Francois Ngin



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
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- Impacted Permanent Building
- Construction Line
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- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name

Detail Design for
Rue-Francois Ngin-01
Existing plan

2 1 0 1 2 3
Meter

Date:	Drawing No.:	Scale:
June 2016	MX-EX01	1:200

Project for Urban Development
Pilot Project-Historic Town
Renovation-

Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

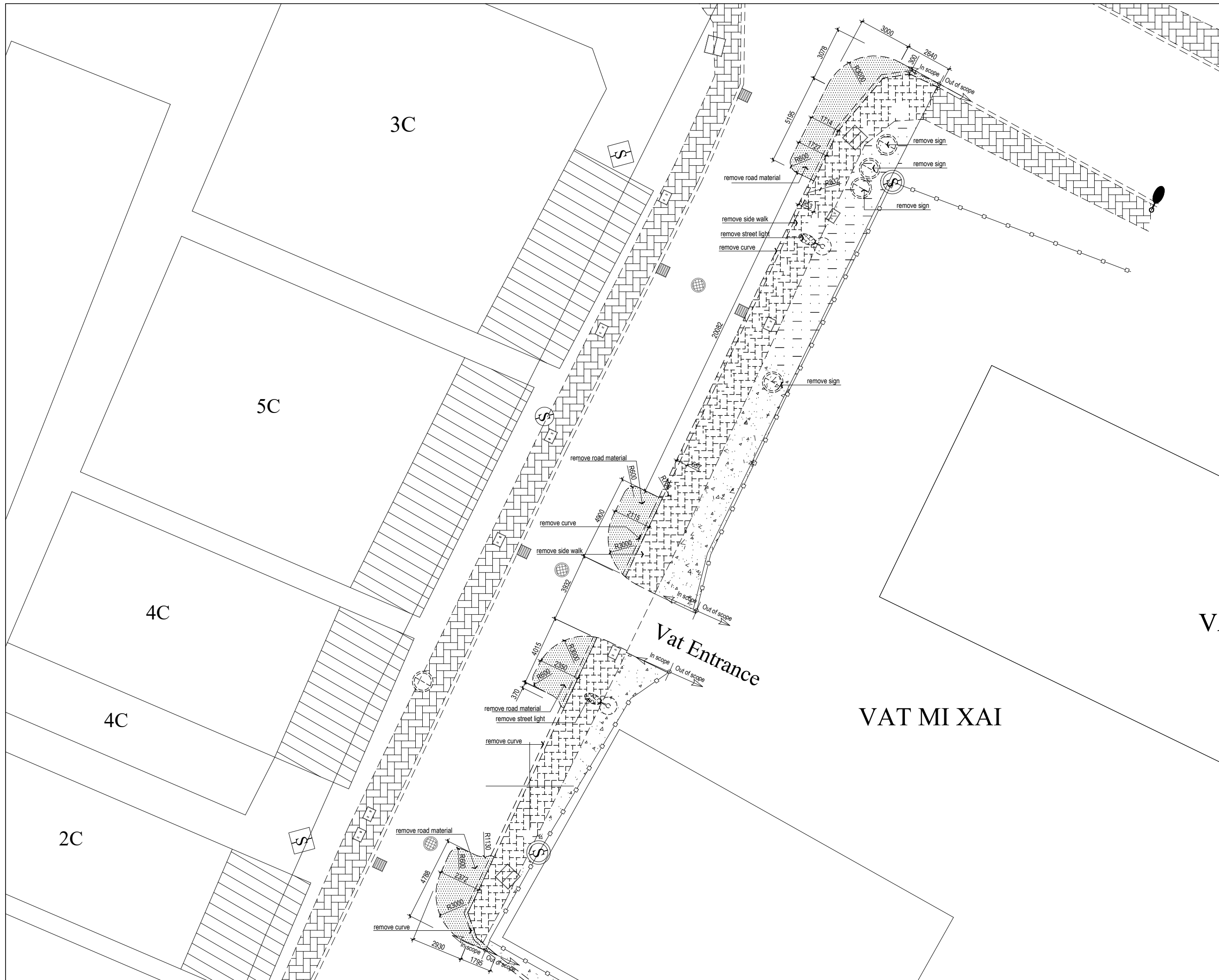
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
Public Works and Transport Institute,
MPWT

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General Director of
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Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Francois Ngin-01
 Demolition plan

Date: June 2016 **Drawing No.:** MX-DMO1 **Scale:** 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

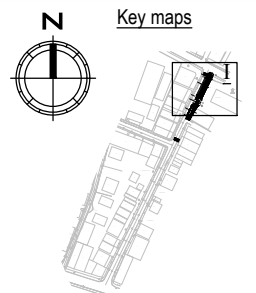
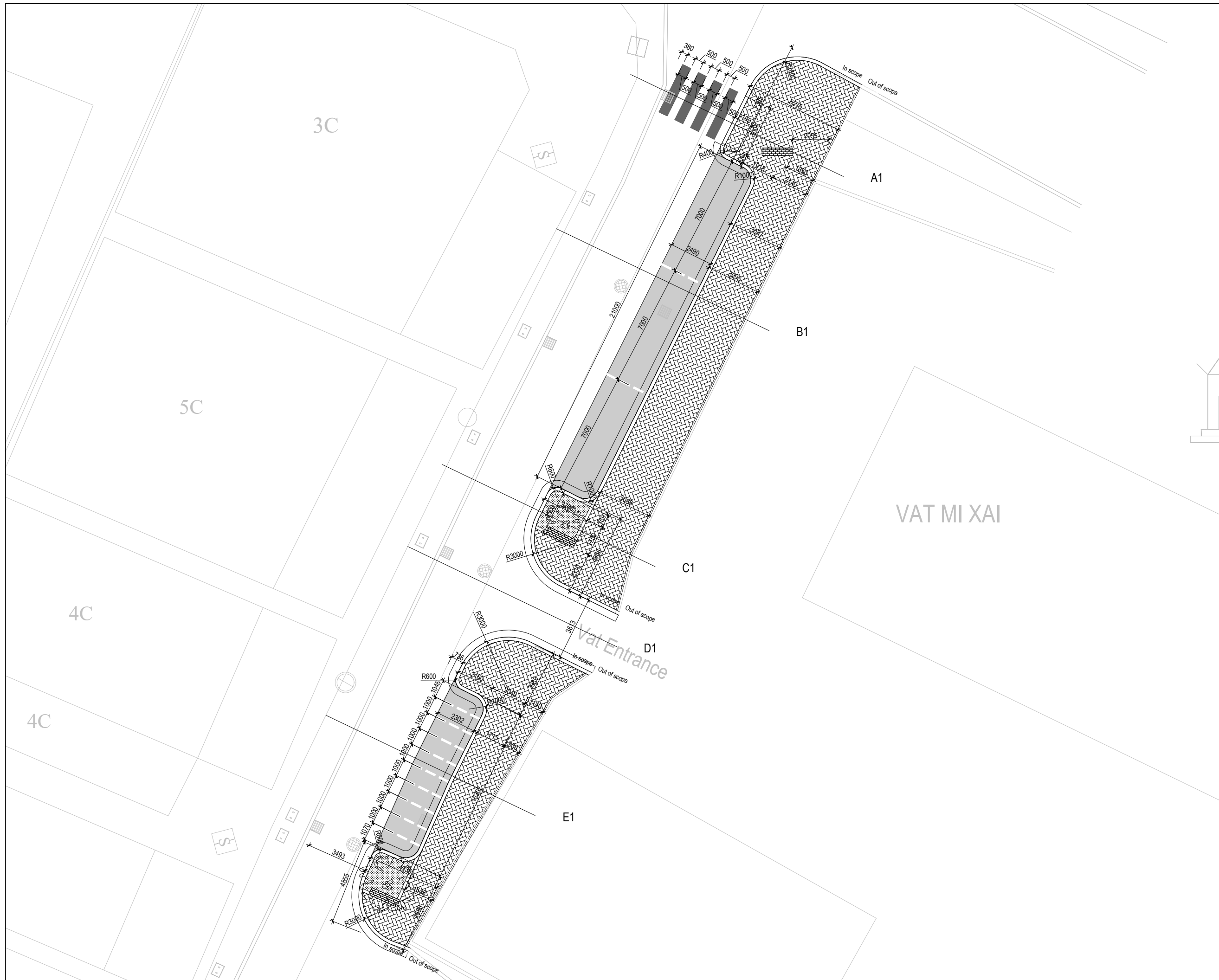
Name: Mr. Vilakone MANYPHOUSAY Signature: _____

Project Director
 Public Works and Transport Institute,
 MPWT

Name: Mrs. Phonesavanh PHENGSYDA Signature: _____

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

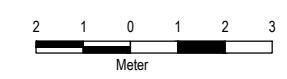
Name: Mr. Detsongkham THAMMAVONG Signature: _____



- Legend**
- CONCRETE BENCH MARK
 - EXISTING TREE
 - EXISTING ROAD
 - ELECTRIC POLE 12 m (STEEL)
 - ELECTRIC POLE 12 m
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 - Impacted Temporary Building
 - Impacted Permanent Building
 - Construction Line
 - New Center Line
 - New Arc Object
 - Bench
 - New trees
 - Street Light
 - Starting/Ending Mark

Drawing Name

Detail Design for
Rue-Francois Ngin-01
Dimension Plan



Date:	Drawing No.:	Scale:
June 2016	MX-D01	1:200

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Designed by:
Mekong Consult Co., Ltd

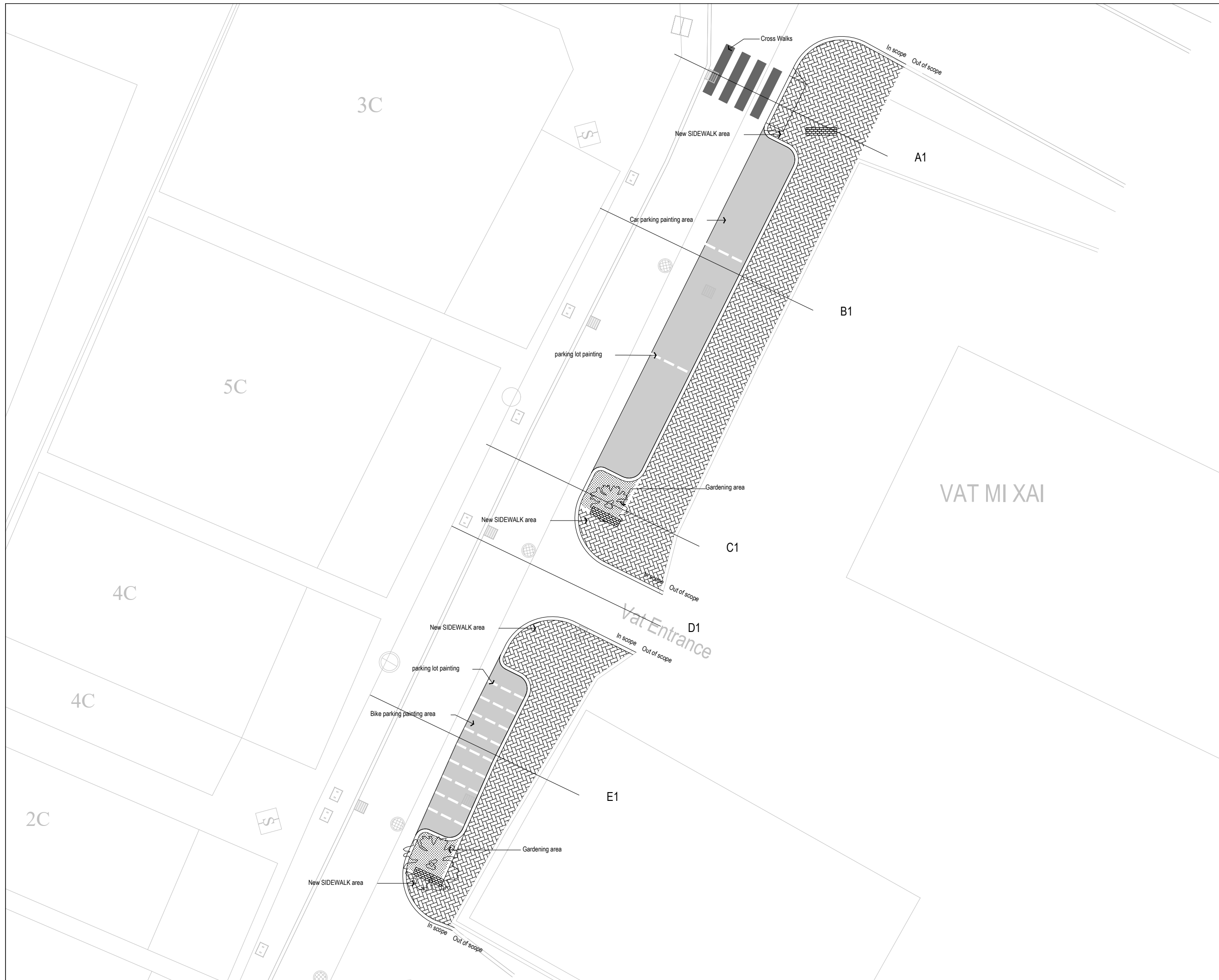
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
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Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
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of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
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- ELECTRIC POLE 8 m
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- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Francois Ngin-01
 Material Plan

2 1 0 1 2 3
 Meter

Date:	Drawing No.	Scale:
June 2016	MX-M01	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

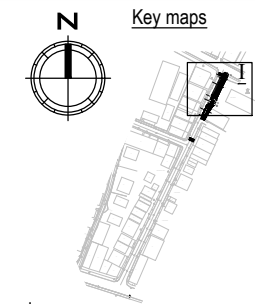
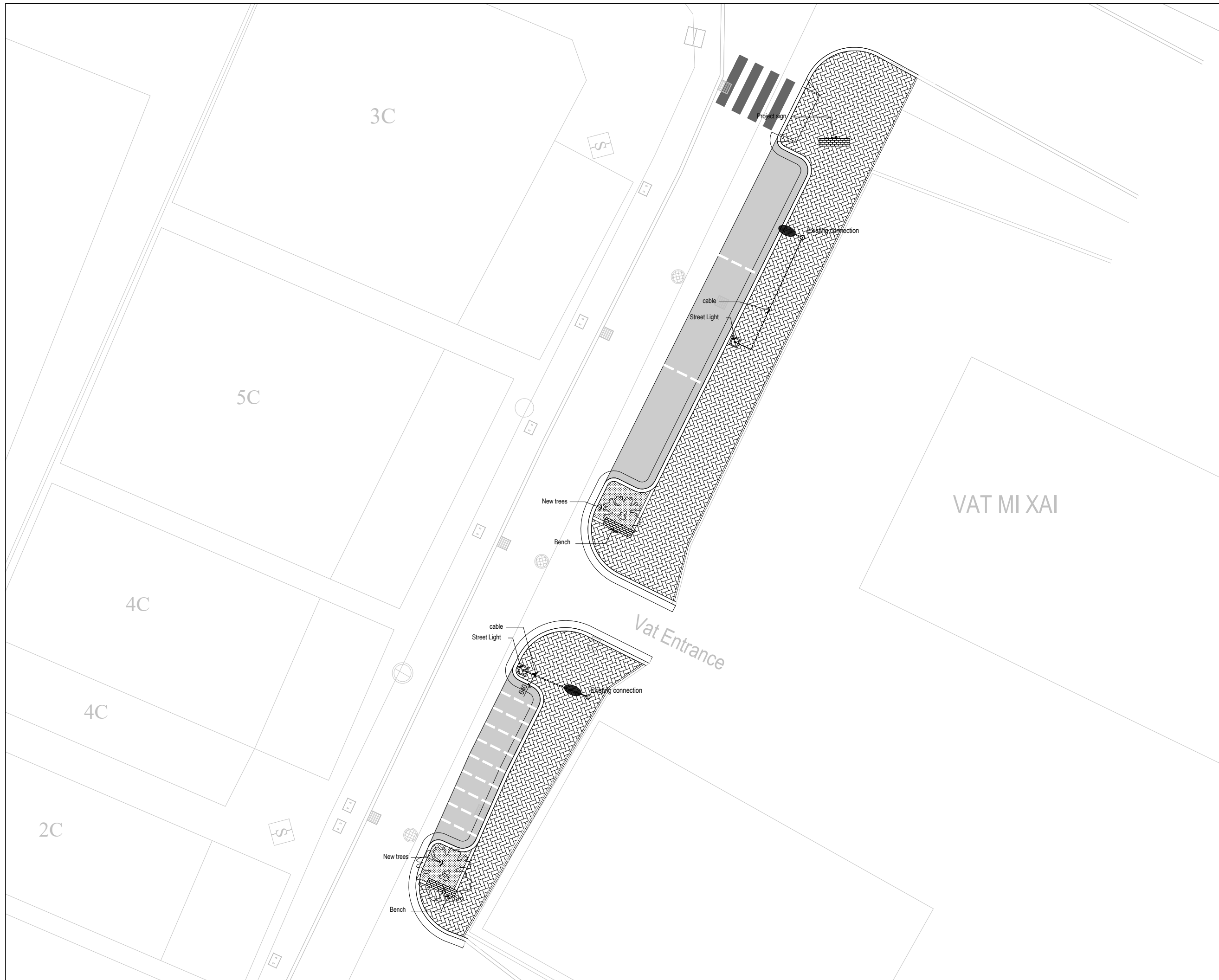
Name	Signature
Mr. Vilakone MANYPHOUSAY	

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Name	Signature
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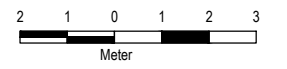
Name	Signature
Mr. Detsongkham THAMMAVONG	



- Legend**
- CONCRETE BENCH MARK
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 - EXISTING ROAD
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 - Impacted Permanent Building
 - Construction Line
 - New Center Line
 - New Arc Object
 - Bench
 - New trees
 - Street Light
 - Starting/Ending Mark

Drawing Name

Detail Design for
Rue-Francois Ngin-01
Street Furniture plan



Date:	Drawing No.:	Scale:
June 2016	MX-L01	1:200

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Designed by:
Mekong Consult Co., Ltd

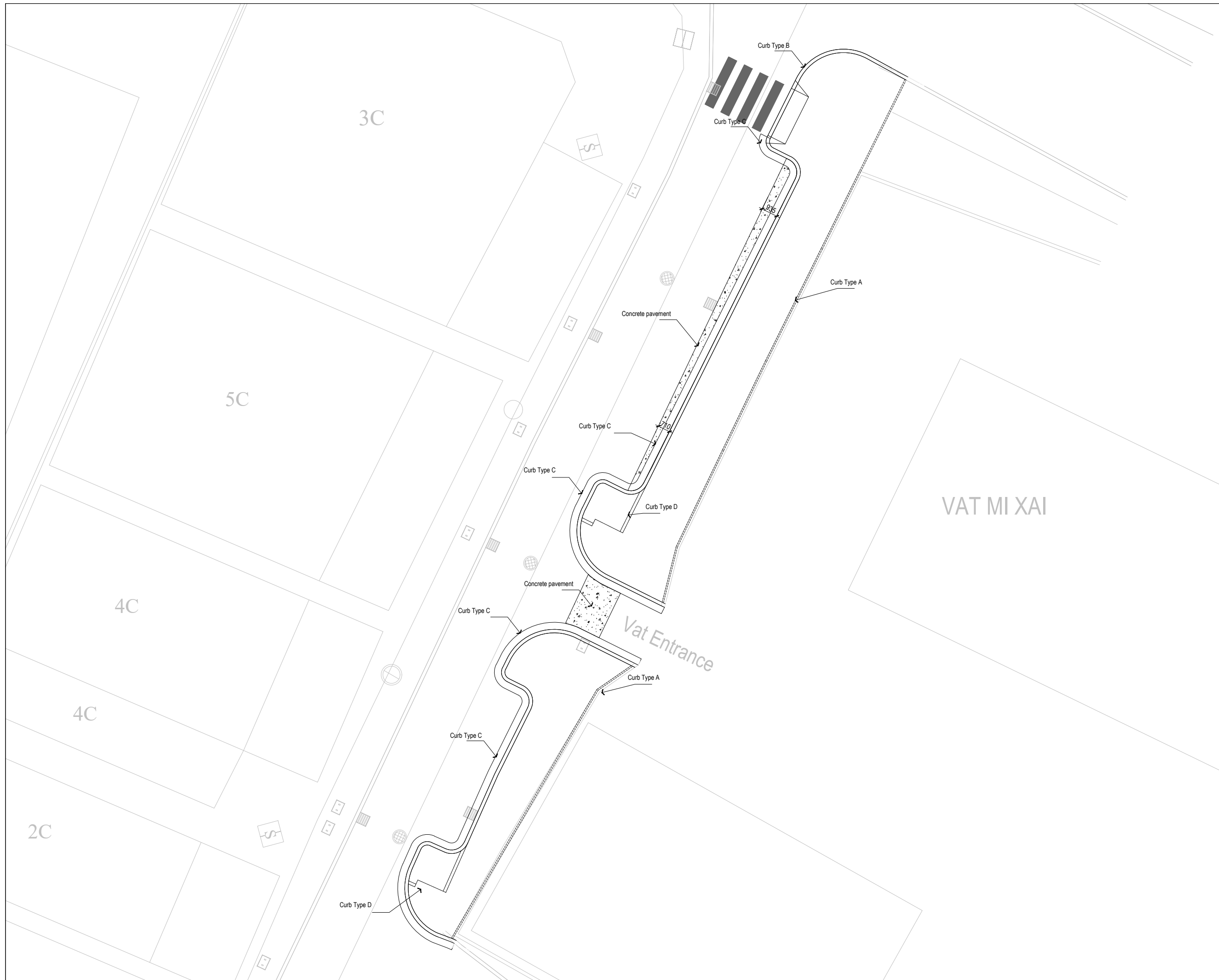
Name	Signature
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General Director of
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Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
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Drawing Name
 Detail Design for
 Rue-Francois Ngin-01
 Concrete Plan

Date: June 2016
Drawing No.: MX-C01
Scale: 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

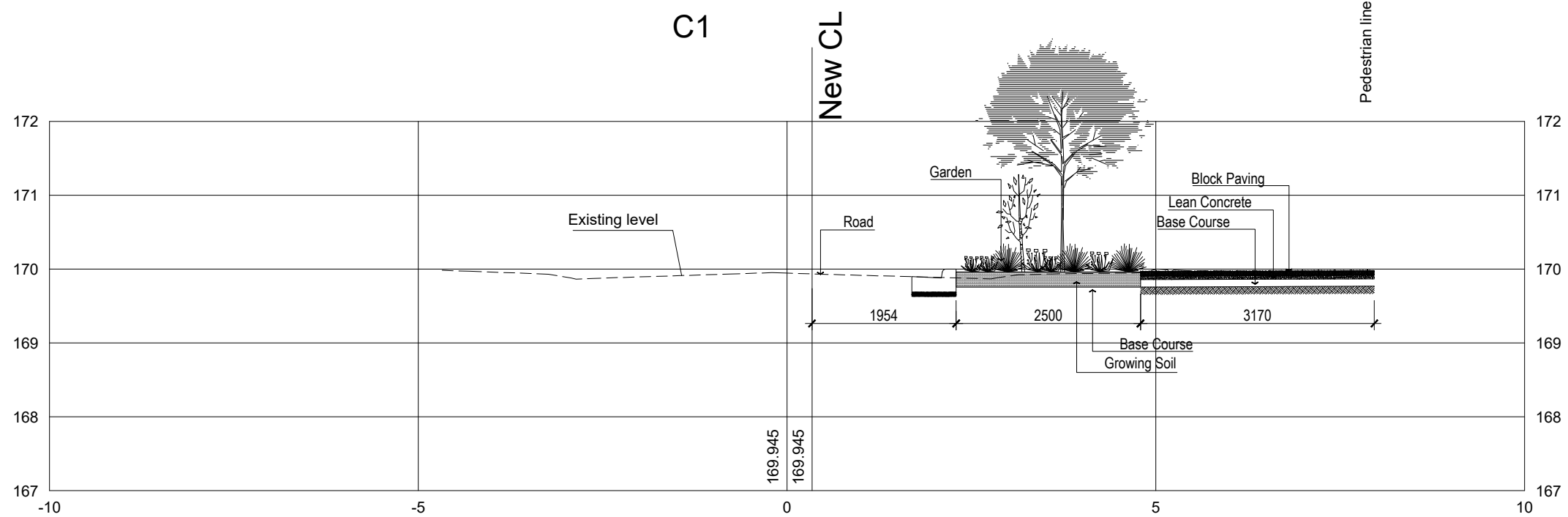
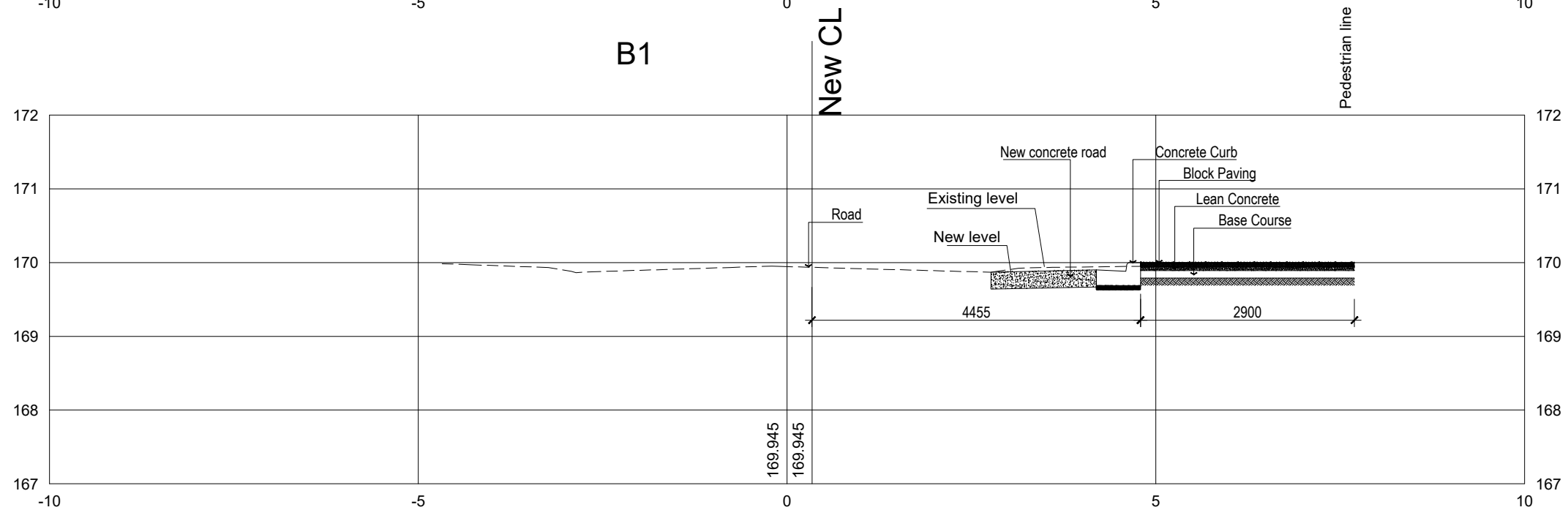
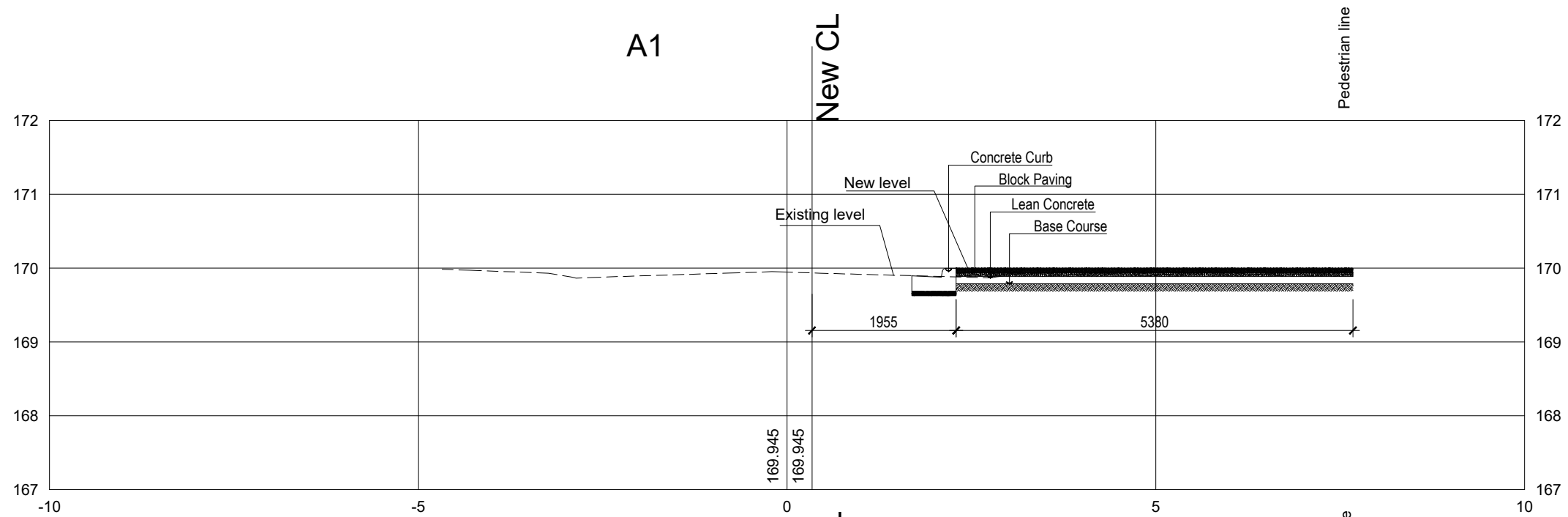
Name: Mr. Vilakone MANYPHOUSAY
 Signature: _____

Project Director
 Public Works and Transport Institute,
 MPWT

Name: Mrs. Phonesavanh PHENGSYDA
 Signature: _____

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name: Mr. Detsongkham THAMMAVONG
 Signature: _____



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name

Detail Design for
Rue-Francois Ngin-01
Cross section "A1, B1, C1"

2 1 0 1 2 3
Meter

Date:	Drawing No.	Scale:
June 2016	MX-CS01	1:75

Project for Urban Development
Pilot Project-Historic Town
Renovation-

Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

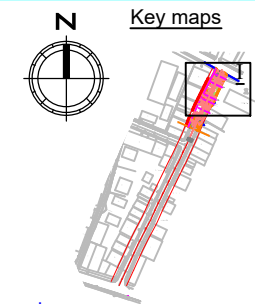
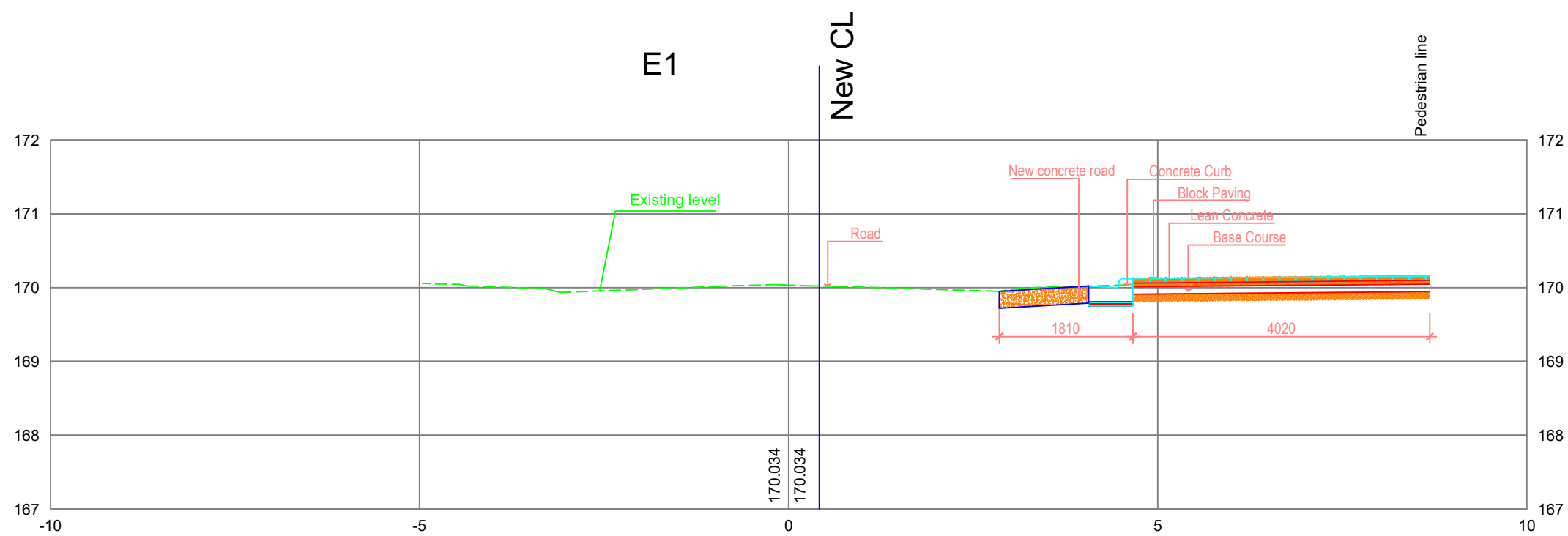
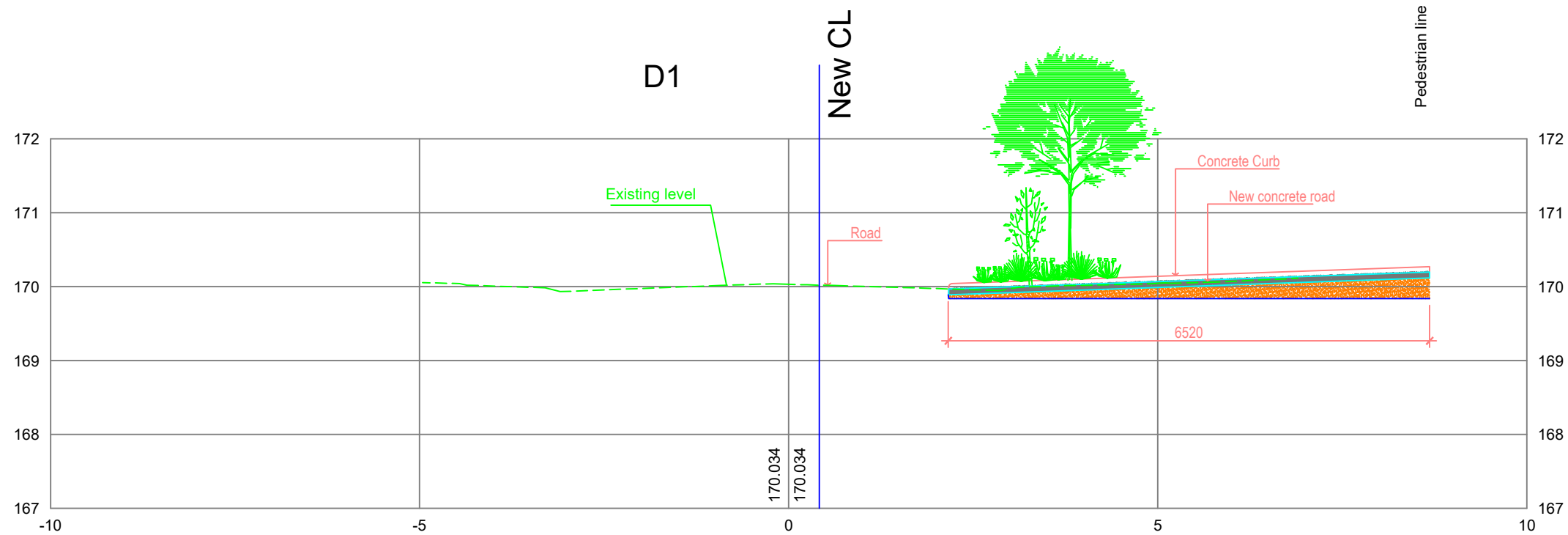
Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
Department of Public Works and Transport
of Vientiane Capital

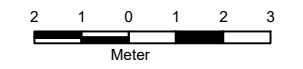
Name	Signature
Mr. Detsongkham THAMMAVONG	



- Legend**
- CONCRETE BENCH MARK
 - EXISTING TREE
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 - ELECTRIC POLE 12 m (STEEL)
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 - Construction Line
 - New Center Line
 - New Arc Object
 - Bench
 - New trees
 - Street Light
 - Starting/Ending Mark

Drawing Name

Detail Design for
Rue-Francois Ngin-01
Cross section " D1, E1 "



Date:	Drawing No.:	Scale:
June 2016	MX-CS02	1:75

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

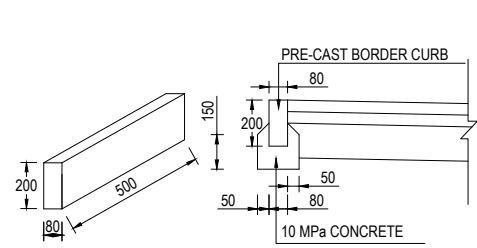
Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

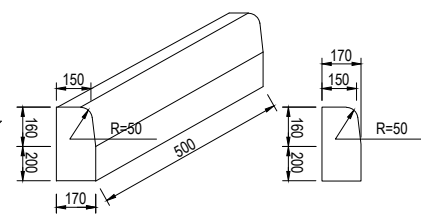
General Director of
Department of Public Works and Transport
of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	

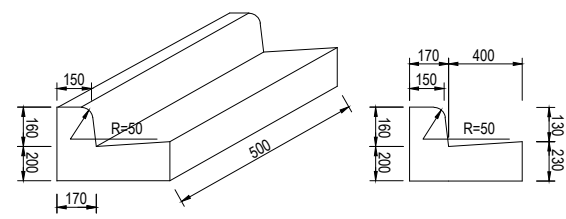
5.5 Detail (Common)



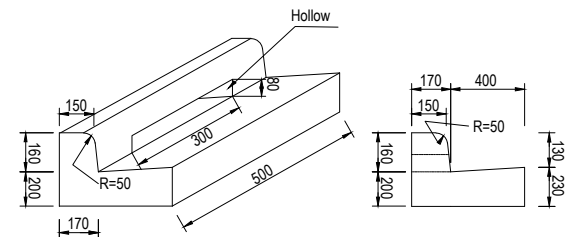
Type A. BORDER CURB



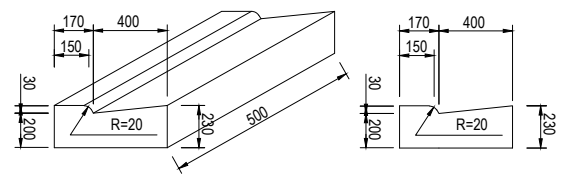
Type B. CURB & CHANNEL DETAIL



Type C. CONC. BARRIER CURB

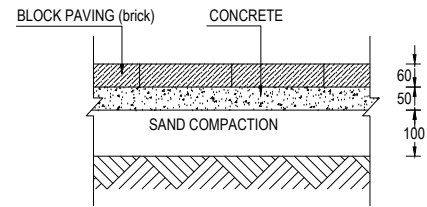


Type C-1. CONC. BARRIER CURB

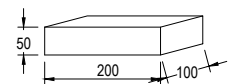


Type D. CONC. BARRIER CURB

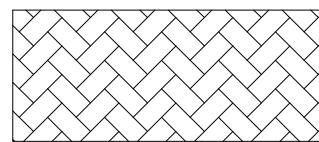
PRECAST CONC. BORDER CURB / CURB AND GUTTER / BARRIER CURB DETAILS



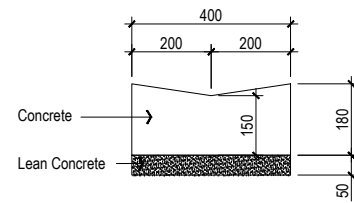
DETAIL2. BLOCK PAVERS



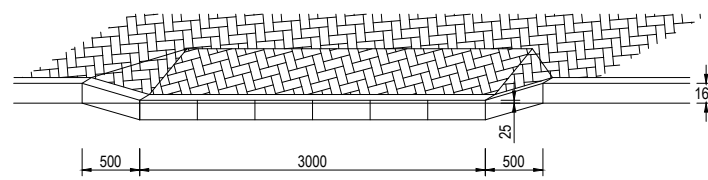
RECTANGULAR BLOCK (brick)



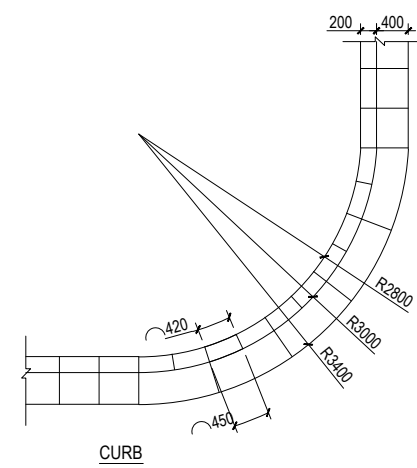
PAVING PATTERN



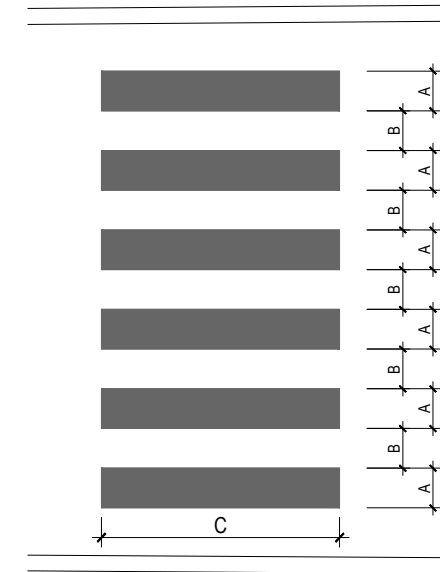
Drainage Shape V



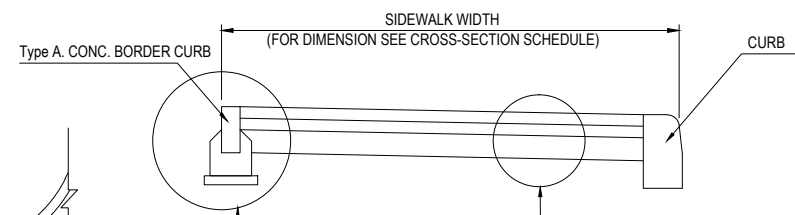
TYPICAL DROPPED CURB AT DRIVEWAY CROSSING



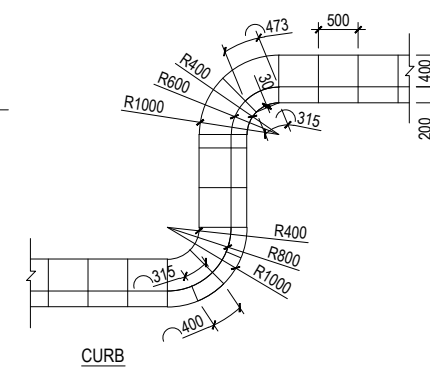
CURB



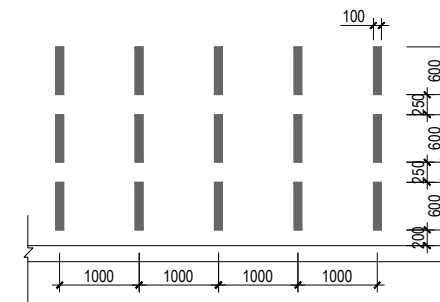
CROSS WALKS NOT TO SCALE



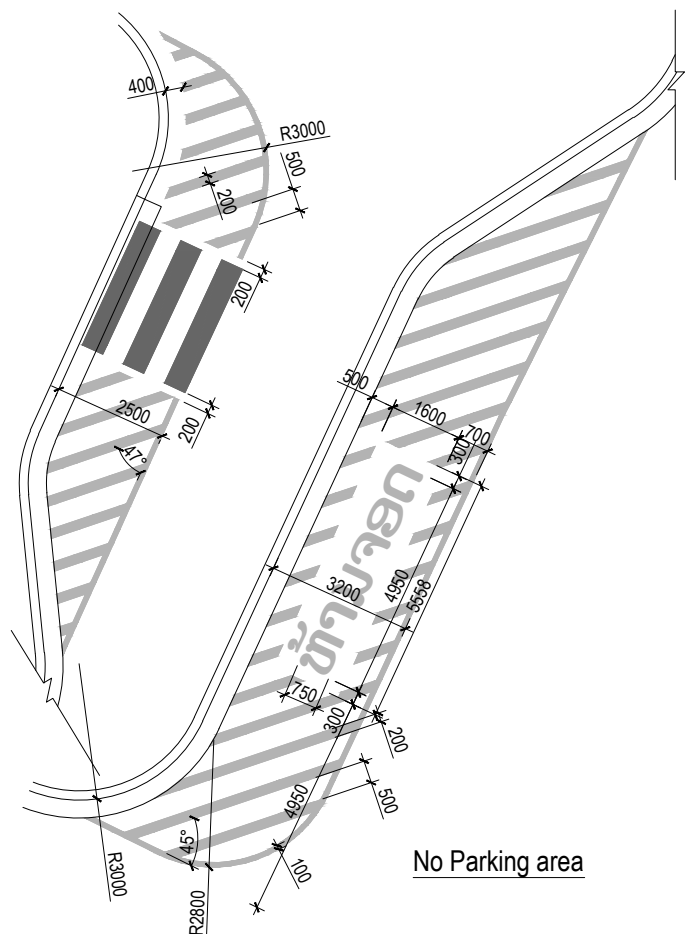
TYPICAL SIDEWALK SECTION



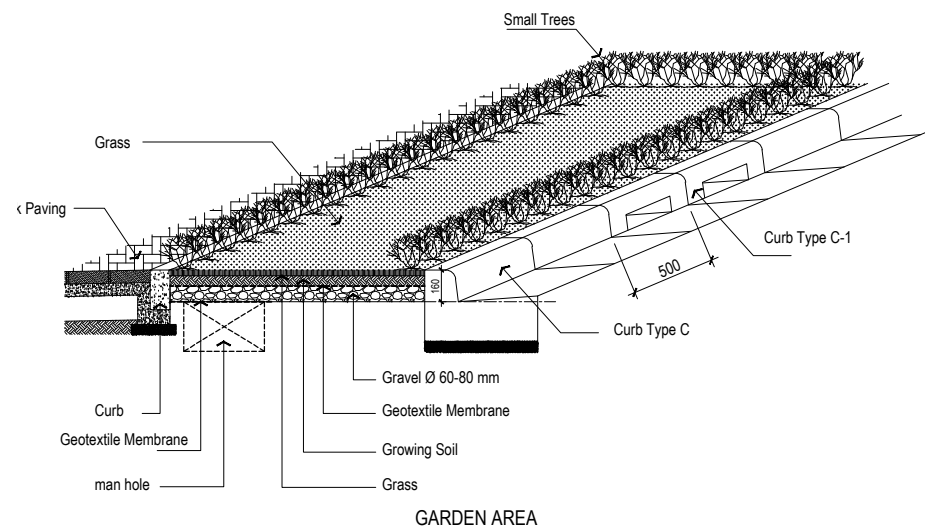
CURB



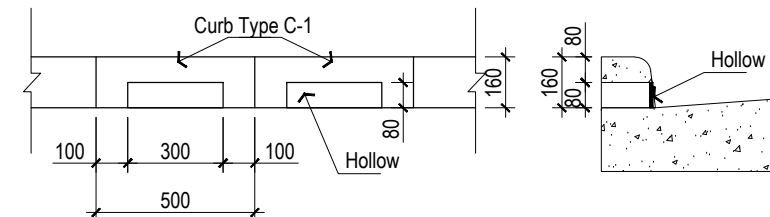
PARKING SLOT PAINTING



No Parking area



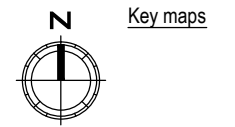
GARDEN AREA



DETAIL1. WATER COLLECTOR BLOCK

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. PAINT SHALL BE THERMAL PLASTIC MATERIAL INCORPORATING GLASS BEAD AND CONFORMING WITH AASHTO M 249
3. GLASS BEADS SHALL CONFORM TO AASHTO M 247 (TYPE 2)
4. ALL TYPES CURBS, BORDER CURB, BARRIER CURB, CURB STONE AND CHANNEL, ARE STANDARD PRECAST CONCRETE AT 500mm, LONG PER PIECE
5. ALL CONCRETE MAKEUP 25 Mpa AND STEEL BAR ARE SD40



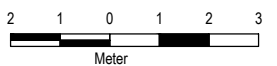
Legend

	CONCRETE BENCH MARK
	EXISTING TREE
	EXISTING ROAD
	ELECTRIC POLE 12 m (STEEL)
	ELECTRIC POLE 12 m
	ELECTRIC POLE 8 m
	LIGHT
	SIGN
	FENCE WALL
	WOODEN HOUSE
	CONCRETE HOUSE 1 FLOOR
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	WOODEN AND CONCRETE HOUSE
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	Concrete road
	Impacted Temporary Building
	Impacted Permanent Building
	Construction Line
	New Center Line
	New Arc Object
	Bench
	New trees
	Street Light
	Starting/Ending Mark

Drawing Name

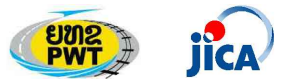
Detail Design for

Details of Curbs, Sidewalk and Paints



Date:	Drawing No.	Scale:
June 2016	DT01	Not to scale

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Supported by: JICA

Designed by:

Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director

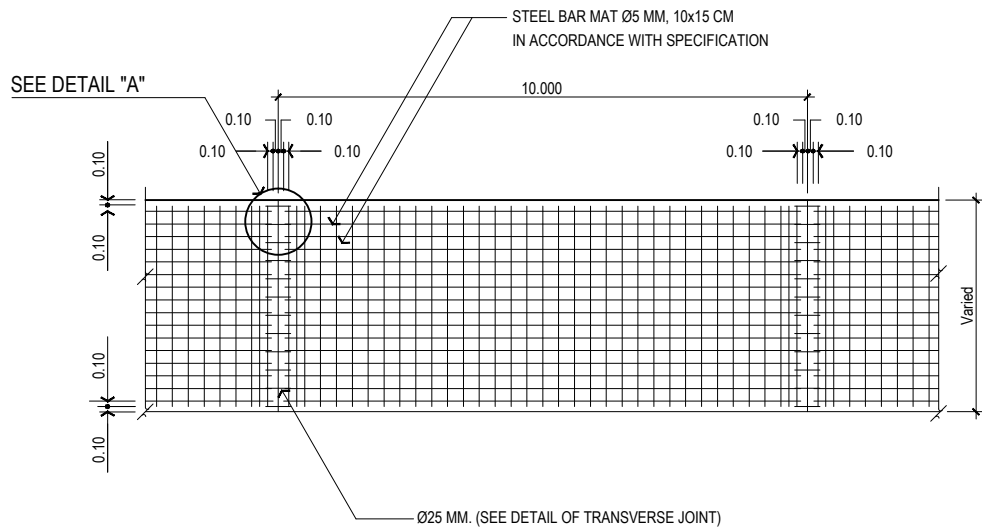
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

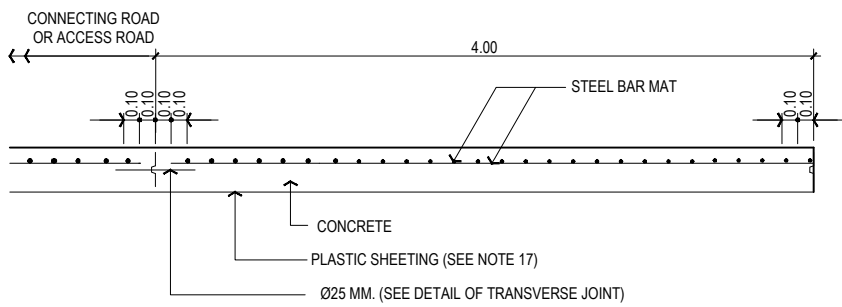
General Director of

Department of Public Works and Transport
of Vientiane Capital

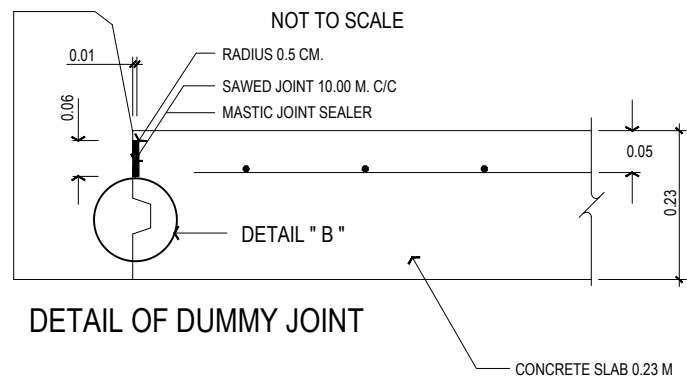
Name	Signature
Mr. Detsongkham THAMMAVONG	



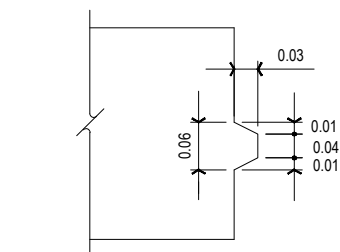
PLAN OF REINFORCEMENT
NOT TO SCALE



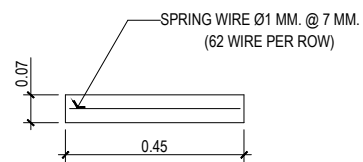
REINFORCEMENT DETAIL OF CONCRETE PAVEMENT CROSS-SECTION
NOT TO SCALE



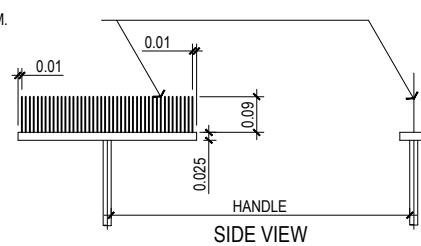
DETAIL OF DUMMY JOINT



SHEAR KEY DETAIL "B"
NOT TO SCALE

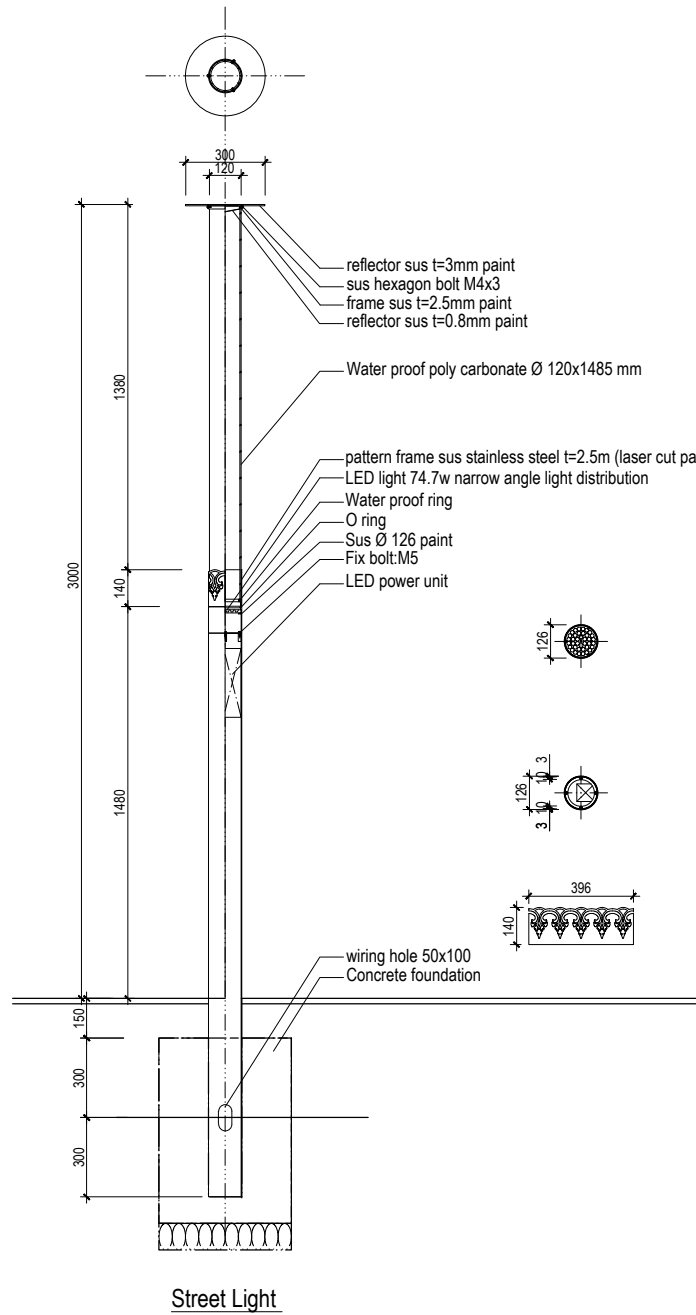


PLAN OF BROOM

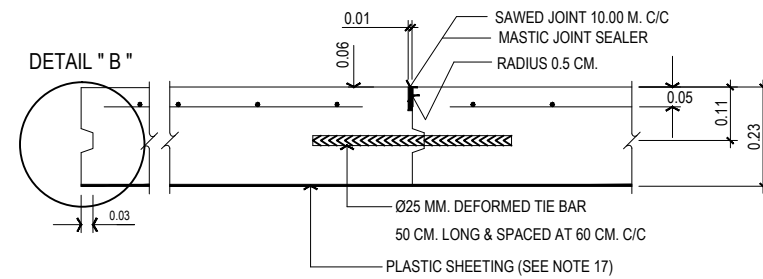


SIDE VIEW

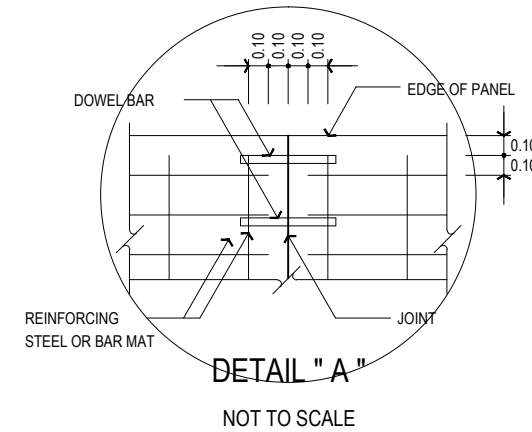
DETAIL OF BROOM SURFACE CONCRETE PAVEMENT



Street Light



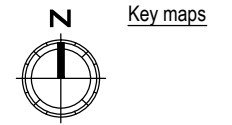
DETAIL OF LONGITUDINAL JOINT
NOT TO SCALE



DETAIL "A"
NOT TO SCALE

NOTES:

- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.
- EXPANSION JOINT SHALL BE CONSTRUCTED AT THE INTERVAL OF 100 METERS. IF THE LAST INTERVAL IS LESS THAN 100 METERS, THE INTERVALS SHALL BE AVERAGED BUT BETWEEN 40 AND 50 METERS.
- EXPANSION JOINT SHALL BE PROVIDED AT THE OUTER EDGE OF BOTH SIDES OF THE BOX CULVERT CROSSING.
- MASTIC JOINT SEALER SHALL BE OF THE HOT POURED ELASTIC TYPE CONFORMING TO TIS. 479.
- JOINT FILLER SHALL CONFORM TO THE AASHTO M. 213-74 OR ASTM. D1751-73 SPECIFICATION.
- CONCRETE SHALL BE CLASS C 30
- REINFORCING STEEL BARS SHALL BE HIGH TENSILE STEEL BARS AND SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M31
- WELDED CAN NOT BE USED.
- CONCRETE PAVEMENT SHALL BE REQUIRED FOR CONCRETE POURING. IN CASE OF NECESSARY POURING CONCRETE BY MAN-POWER, CONCRETE SHALL BE POURED ONLY GAP SPACE NOT MORE THAN 30.00 METERS LONG.
- ALL JOINTS EXCEPT EXPANSION JOINT SHALL BE MADE BY SLOT CUTTING MACHINE ONLY.
- TRAFFIC SHALL BE ALLOWED ONLY IF THE ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE CYLINDER CONFORMS TO THE REQUIREMENTS OF THE SPECIFICATIONS
- ROAD CONSTRUCTION MATERIAL NOT SPECIFIED IN THIS DRAWING SHALL CONFORM TO THE STANDARD OF THE REQUIREMENTS OF THE SPECIFICATIONS.
- BROOMING CONCRETE SURFACE WITH A BROOM OF THE STANDARD TYPE SPECIFIED SHALL BE REQUIRED. THE DIRECTION OF BROOMING SHALL BE PERPENDICULAR TO THE DIRECTION OF TRAFFIC FROM ONE EDGE OR JOINT TO THE OTHER. ONE PHASE OF BROOM SURFACE SHALL PROPERLY OVERLAP WITH ANOTHER. CONCRETE BROOM SURFACE SHALL NOT BE OVER 3 MM DEPTH. THE SURFACE SHALL BE FREE FROM PORES, HOLES OR LUMPS OF COARSE AGGREGATE OVER THE SURFACE.
- BROOMING SURFACE CONCRETE SHALL CORRESPOND TO THE FIGURE OR AS DIRECTED BY THE ENGINEER
- PREPARATION OF JOINT FOR MASTIC JOINT SEALER.
- 15.1 THE JOINT SHALL BE CLEANED WITH A BLOWER TO GET RID OF ALL KINDS OF DIRT THE JOINT SHALL BE COMPLETELY DRY.
- 15.2 PRIMER SHALL BE APPLIED TO THE JOINT WITH A BRUSH OR SPRAYER THE JOINT SHALL BE LET DRY BEFORE THE POURING OF MASTIC JOINT SEALER WHICH HAS BEEN BOILED AND DISSOLVED BY MEANS OF HEAT CONDUCTIVITY TO THE SPECIFIED TEMPERATURE.
- 15.3 JOINTS SHALL BE CUT AND MASTIC JOINT SEALER SHALL BE DROPPED AS SOON AS POSSIBLE.
- 15.4 MASTIC JOINT SEALER SHALL BE DROPPED WITH JOINT SEALANT APPLYING MACHINE.
16. THE THICKNESS OF FLEXIBLE PAVEMENT CORRESPONDED TO THE FIGURE CONFORMING TO TYPICAL CROSS-SECTION.
17. PLASTIC SHEET USED IN CONSTRUCTION SHALL HAVE THE FOLLOWING REQUIREMENTS :
 - 17.1 THICKNESS OF 0.07 MM. WITH A TOLERANCE OF NOT MORE THAN 7% SHALL BE REQUIRED.
 - 17.2 WIDTH SHALL NOT BE LESS THAN 1.20 M.
 - 17.3 IT SHALL BE COLOURLESS, TRANSPARENT AND WATERPROOF, FREE FROM POROUS AREA, TURN AREA AND BLISTERING AREA WHICH ARE VISIBLE BY NAKED EYE. EDGE SHALL BE STRAIGHT.
 - 17.4 CONTINUOUS LENGTH SHALL BE REQUIREMENT TO THE WIDTH OF TRAFFIC LANES. CONNECTION ALLOWED AT LONGITUDINAL JOINTS WITH NOT LESS THAN 20 CM. OVERLAPPING SHALL BE REQUIRED.
- ALL CONCRETE MAKEUP 25 Mpa AND STEEL BAR ARE SD40

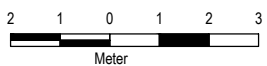


Legend

	CONCRETE BENCH MARK
	EXISTING TREE
	EXISTING ROAD
	ELECTRIC POLE 12 m (STEEL)
	ELECTRIC POLE 12 m
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	Construction Line
	New Center Line
	New Arc Object
	Bench
	New trees
	Street Light
	Starting/Ending Mark

Drawing Name

Detail Design for
Details of Concrete pavement and
Street light pole



Date:	Drawing No.:	Scale:
June 2016	D02	Not to scale

Project for Urban Development
Pilot Project-Historic Town
Renovation-



Supported by: JICA

Designed by:

Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director

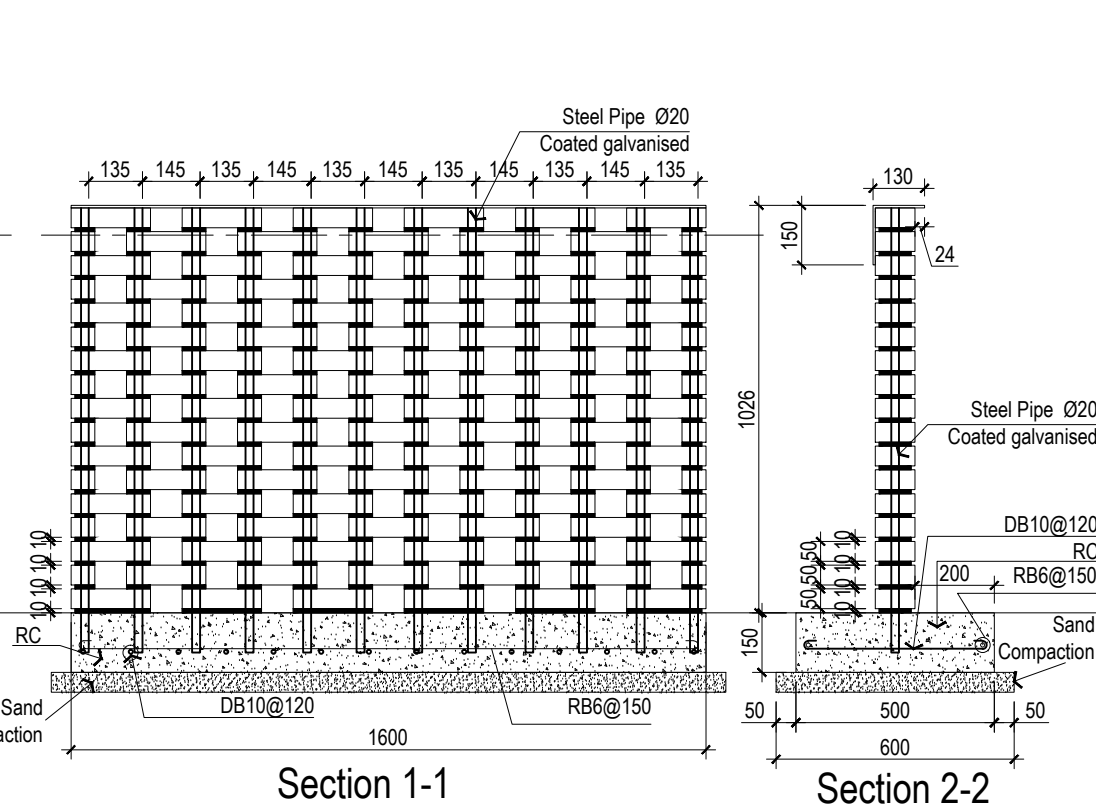
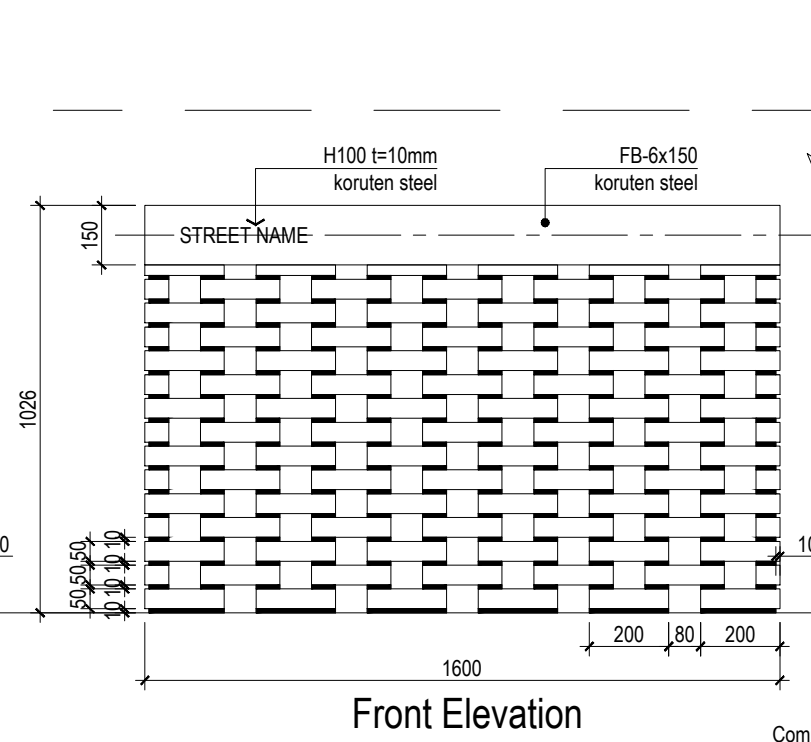
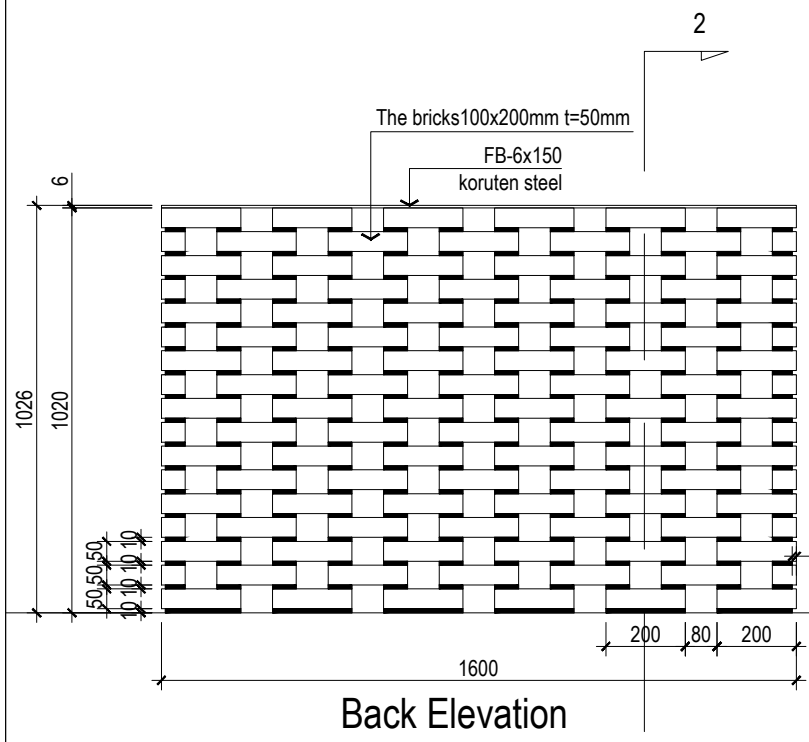
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

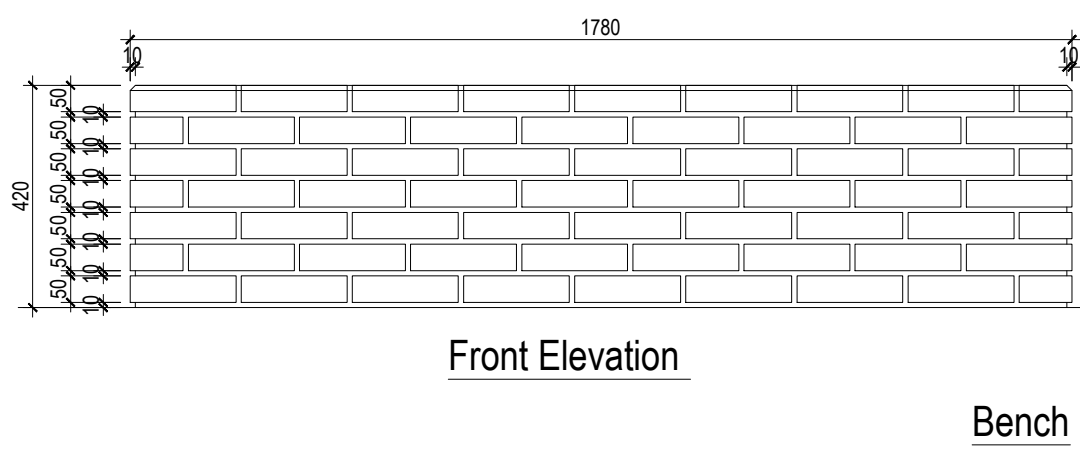
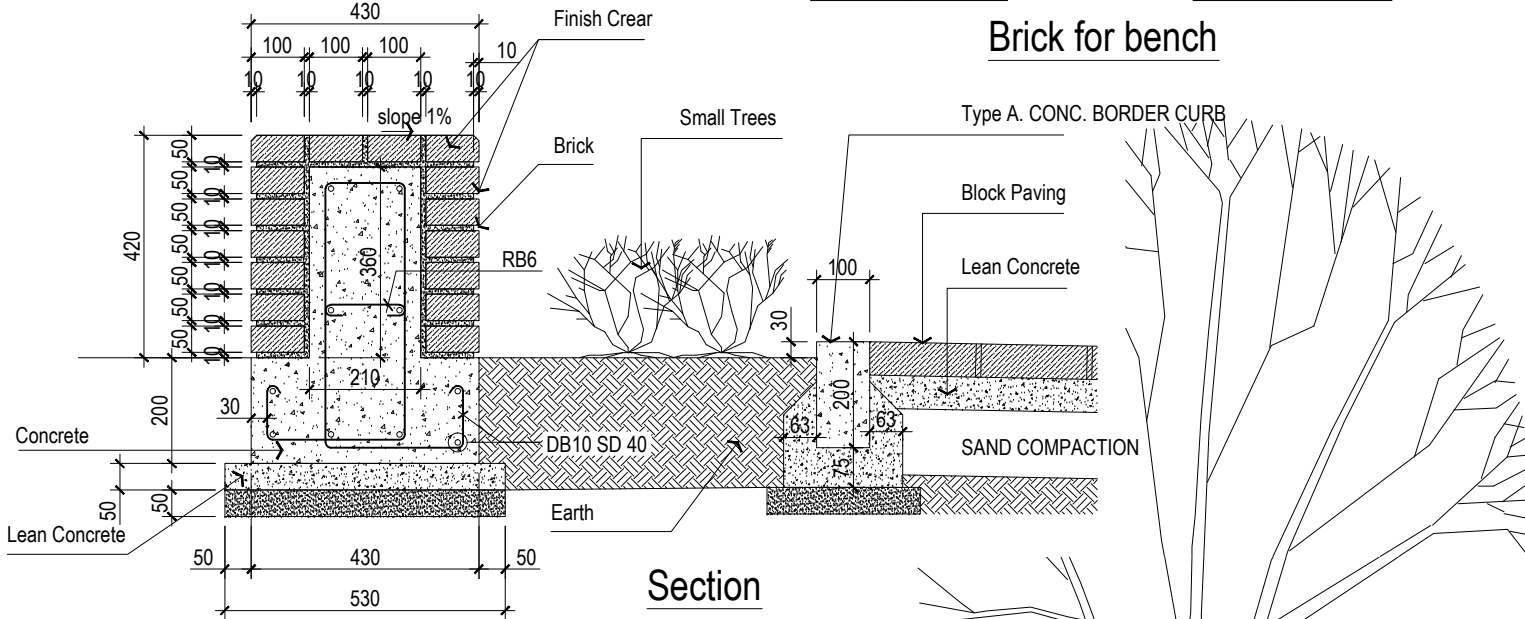
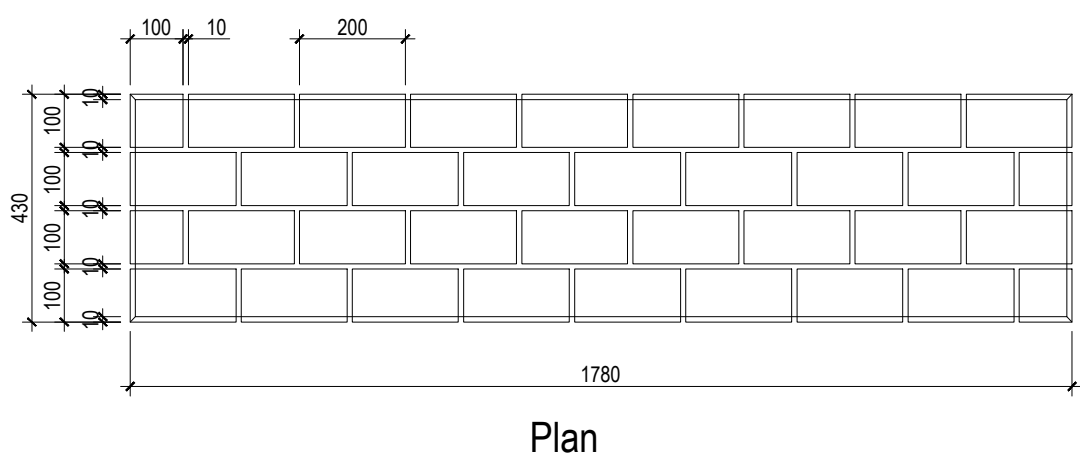
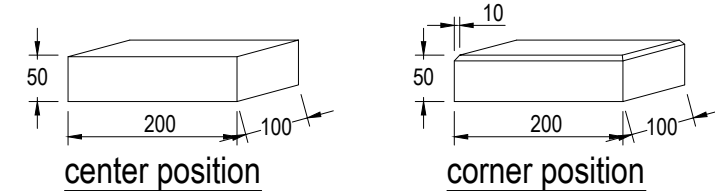
General Director of

Department of Public Works and Transport
of Vientiane Capital

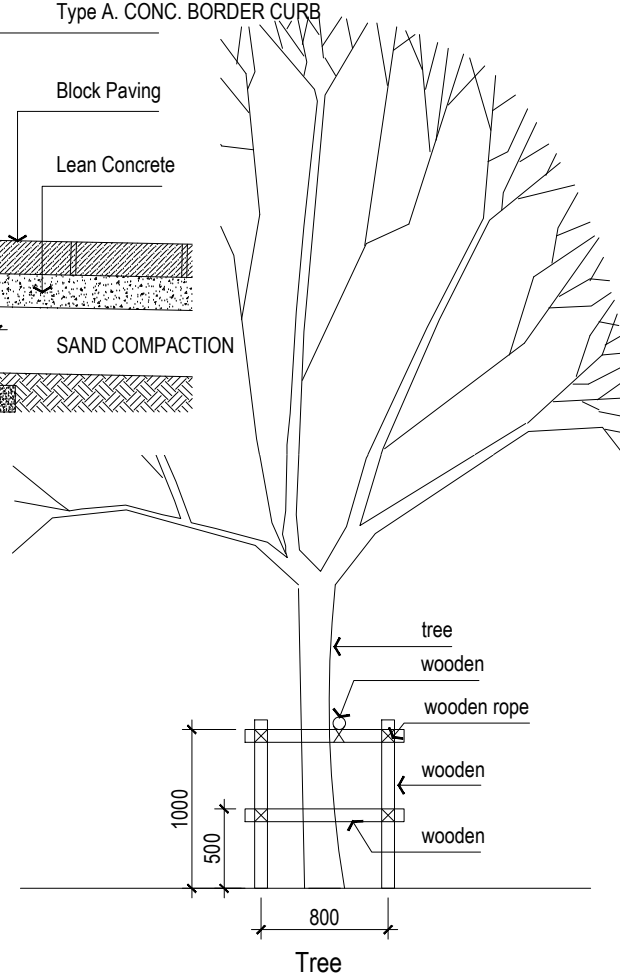
Name	Signature
Mr. Detsongkham THAMMAVONG	



Project Sign Detail



Bench



Key maps

Legend

- 171.456 BM-11
- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
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- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
Detail Design for
Details of Project sign, Benches and Trees

Meter

Date:	Drawing No.:	Scale:
June 2016	DT03	Not to scale

Project for Urban Development
Pilot Project-Historic Town
Renovation-

Supported by: JICA

Designed by:
Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

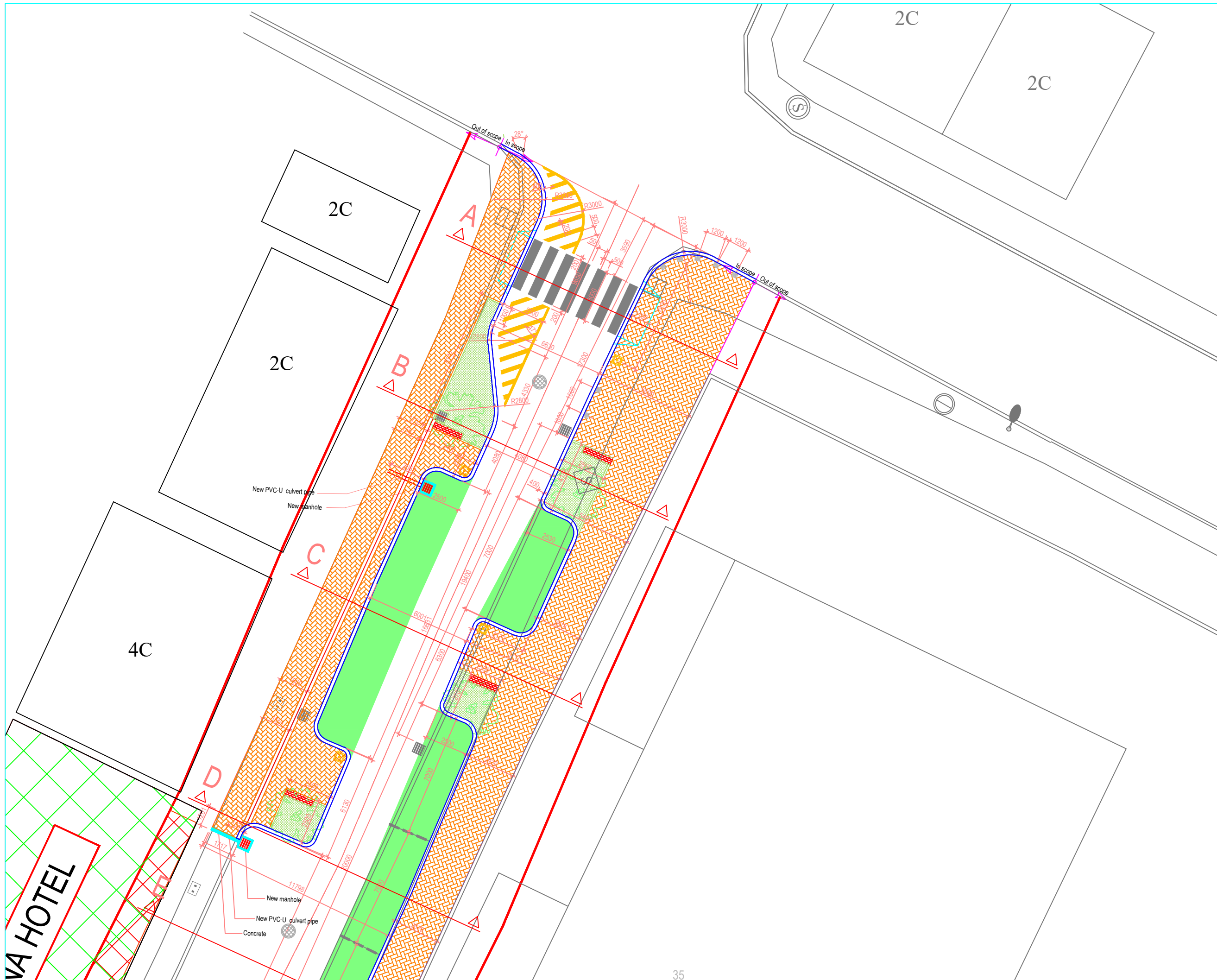
Project Director
Public Works and Transport Institute,
MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
Department of Public Works and Transport
of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	

Revised Drawings



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
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- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark
- Rubber pole

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 01

Meter

Date:	Drawing No.	Scale:
June 2016	OT-D01	1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 02

2 1 0 1 2 3
 Meter

Date: June 2016 Drawing No.: OT-D02 Scale: 1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name: Mr. Vilakone MANYPHOUSAY Signature:

Project Director
 Public Works and Transport Institute,
 MPWT

Name: Mrs. Phonesavanh PHENGSYDA Signature:

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name: Mr. Detsongkham THAMMAVONG Signature:



Key maps

Legend

- CONCRETE BENCH MARK
- EXISTING TREE
- EXISTING ROAD
- ELECTRIC POLE 12 m (STEEL)
- ELECTRIC POLE 12 m
- ELECTRIC POLE 8 m
- LIGHT
- SIGN
- FENCE
- WALL
- WOODEN HOUSE
- CONCRETE HOUSE 1 FLOOR
- CONCRETE HOUSE 2 FLOORS
- WOODEN AND CONCRETE HOUSE
- TOILET
- ATM
- VAT
- CAST IRON
- STEEL GRATING COVER
- MANHOLE
- Gardening area
- Repaves Road surface area
- New SIDEWALK area
- Bike/Car parking
- Concrete road
- Impacted Temporary Building
- Impacted Permanent Building
- Construction Line
- New Center Line
- New Arc Object
- Bench
- New trees
- Street Light
- Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Chao Anou
 Dimension Plan 03

Meter

Date: June 2016	Drawing No.: OT-D03	Scale: 1:200
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Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

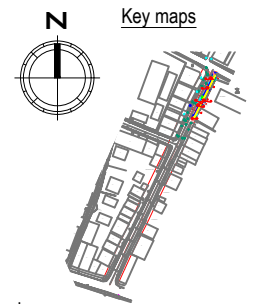
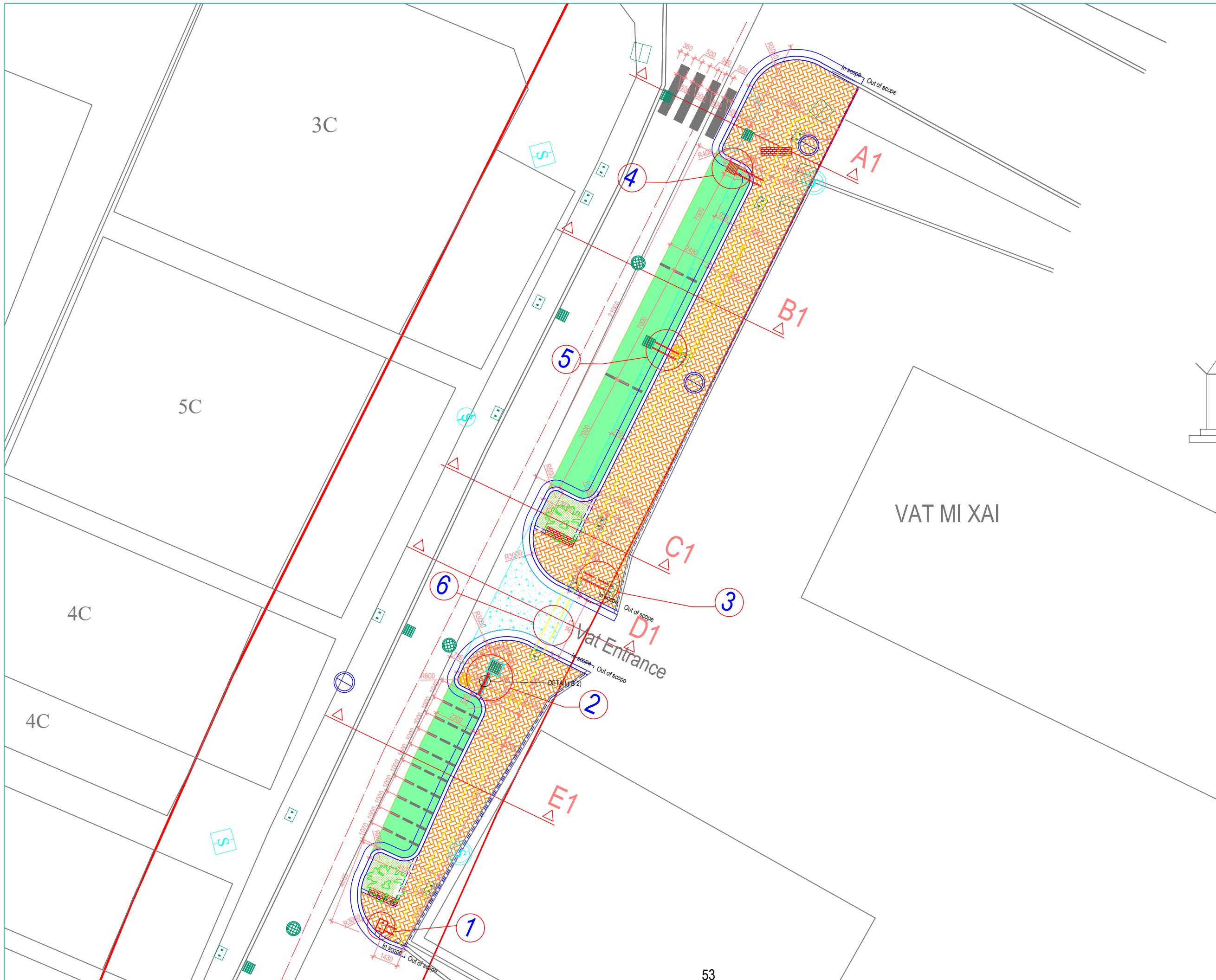
Name Mr. Vilakone MANYPHOUSAY	Signature
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Project Director
 Public Works and Transport Institute,
 MPWT

Name Mrs. Phonesavanh PHENGSYDA	Signature
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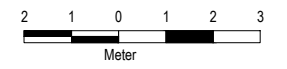
General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name Mr. Detsongkham THAMMAVONG	Signature
---	------------------



- Legend**
- CONCRETE BENCH MARK
 - EXISTING TREE
 - EXISTING ROAD
 - ELECTRIC POLE 12 m (STEEL)
 - ELECTRIC POLE 12 m
 - ELECTRIC POLE 8 m
 - LIGHT
 - SIGN
 - FENCE
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 - WOODEN HOUSE
 - CONCRETE HOUSE 1 FLOOR
 - CONCRETE HOUSE 2 FLOORS
 - WOODEN AND CONCRETE HOUSE
 - TOILET
 - ATM
 - VAT
 - CAST IRON
 - STEEL GRATING COVER
 - MANHOLE
 - Gardening area
 - Repaves Road surface area
 - New SIDEWALK area
 - Bike/Car parking
 - Impacted Temporary Building
 - Impacted Permanent Building
 - Construction Line
 - New Center Line
 - Existing Ditch
 - New Arc Object
 - Bench
 - New trees
 - Street Light
 - Starting/Ending Mark

Drawing Name
 Detail Design for
 Rue-Francois Ngin-01
 Dimension Plan



Date:	Drawing No.:	Scale:
June 2016		1:200

Project for Urban Development
 Pilot Project-Historic Town
 Renovation-

Supported by: JICA

Designed by:
 Mekong Consult Co., Ltd

Name	Signature
Mr. Vilakone MANYPHOUSAY	

Project Director
 Public Works and Transport Institute,
 MPWT

Name	Signature
Mrs. Phonesavanh PHENGSYDA	

General Director of
 Department of Public Works and Transport
 of Vientiane Capital

Name	Signature
Mr. Detsongkham THAMMAVONG	

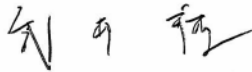
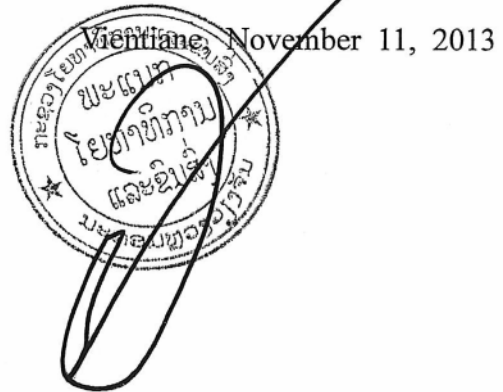
Attachment 8

JCC Minutes of Meeting

**MINUTES OF MEETING
ON
JOINT COORDINATION COMMITTEE MEETING FOR
THE PROJECT FOR
URBAN DEVELOPMENT MANAGEMENT**

Members of Joint Coordination Committee on the Project for Urban Development Management had an intensive discussion on the outline of the Project

As a result of the discussion, members of Joint Coordination Committee agreed on the Project contents presented in Inception Report. Record of meeting is attached hereon.



MR. KOICHI TAKEI

Chief Representative
JICA Laos Office

**MR. DETSONGKHAM
THAMMAVONG**

Director General
Department of Public Works and
Transport,
Vientiane Capital

Minutes of Meeting for Joint Coordination Committee (1)
for the
Project for Urban Development Management

Subject : 1st Joint Coordination Meeting (JCC)
Date : November 11, 2013
Time : 13:30 ~ 15:30
Place : Meeting room at DPWT, Vientiane Capital
Attendants : 18 persons (as per listed at Attachment 3)

This is the first JCC meeting held to discuss contents of Inception Report. Meeting is co-chaired by Director General of DPWT and Chief Representative of JICA Laos Office and attended by DHUP of MPWT, PTI, DPWT of Vientiane Capital, Cabinet Office of Vientiane Capital, Cabinet Office of MPWT, long term expert and short term expert team.

1 Introduction by Chairman (General Director of DWPT, Vientiane Capital)

- At the beginning of JCC, Mr. Detsongkham THAMMAVONG (chairperson) had briefly introduced the project background including its goal and main purpose which mainly aims to strengthen the capacity on urban planning and development management in Vientiane Capital. He also highlighted that the JCC would be a great chance for all concerned organization, especially counterpart agencies and JICA expert team to discuss on project outline and its activities.
- Mr. Chairman had requested all participants to provide some comments and suggestion to the JCC for effectiveness of project implementation in the future.

2 Opening remarks by JICA Chief Representative

- As opening remarks, JICA Chief Representative, Mr. TAKEI Koichi, addressed following comments followed by sincere appreciation to Lao side;
 - Urban Master Plan for Vientiane Capital was formulated in 2011. This Technical Cooperation Project aims to, based on the Master Plan, prepare land use plan and zoning code that will be the basis of urban planning and development management of Vientiane Capital.
 - Joint work of MPWT, DPWT and JICA Expert Team is important for getting successful project goal.
 - 1st JCC meeting is to discuss PDM and PO of the Project. He requests participants to share the result of the JCC discussion with other staff involved in the Project.

3 Explanation of Project outline

- Mr. Bounlanh KANEKHAMVONGSA explained the Project outline using the power point slides.

4 Comments and Confirmation

- This is a high priority project and its success depends on joint work of relevant agencies including DPWT, MPWT, and PTI. As information in regard to development and investment are important for the Project, information has to be accessible to the project team. In addition, it is needed to confirm whether counterpart is already assigned or not. (JICA Chief Representative)
 - DPWT and other agencies will do their best to provide all the necessary information and also counterpart personnel. (Lao side)
- Important points regarding the Project are raised by the Director General of DPWT, Vientiane Capital as follows;
 - Control and management of the Historic Area: Some buildings are already registered and some buildings are not registered. Owners sometimes ask for contribution or support from the government or the project for preservation and maintenance. It has to be considered how to preserve and manage buildings in the Historic Area.
 - Land use plan of 2030: Land use plan 2030 is not clearly defined. It has to clarify land use in the urban cluster area and other development areas with boundary and area (how many hectares for residential, agricultural and industrial areas). Also it has to define the building height, Building Coverage Ratio, and Floor Area Ratio.
 - Land use plan: Land use plan has to be implemented but criteria do not match development needs, and therefore Vientiane Capital cannot control development. It is needed to match land use plan to support development control.
 - At present it is difficult to control the height of building for large scale development projects since there are no legal documents supporting for the building that higher than 50m while the investor propose to construct the building with height of 150m.
- It is important to control building in the redevelopment area. Condition of construction of high rise building should be determined by infrastructure condition, such as width of the road. (Long term expert)
- The issues that Vientiane Capital is facing, including control and management of Historic Area and building control, are practical ones. Project progress shall be reported to higher ranking officials regularly in order that they understand the Project and secure sustainability.

(JICA Chief Representative)

- Both accessibility to official documents and availability of counterpart personnel were confirmed by the Lao side.
- Project title does not include the words ‘Vientiane Capital.’ In this regard, JCC confirmed that the project covers Vientiane Capital only.

End

List of participants for Joint Coordination Committee Meeting
The project for Urban Development Management

Date: November 11th, 2013

Venue: Meeting Room DPWT


No.	Name and Surname	Position	Organization
1	Mr. Dedsongkham THAMMAVONG	Director General	DPWT
2	Mr. Bounlanh KANEKHAMVONGSA	Head of Housing and Urban planning Division	DPWT
3	Mrs. Phonesavanh PHENGSYDA	Deputy Director	PTI
4	Mr.Chanthasack BOTTAPHANITH	Head of Urban planning Section	PTI
5	Mrs. Sonenathy PAKUONLUANG	Technical staff	PTI
6	Mr. Khamphonemisay PHOMMATHAT	Technical staff	PTI
7	Ms. Chindalay VONGXAY	Technical staff	Cabinet of PTI
8	Mr. Santi SONETHAVIXAY	Technical staff	Cabinet of Vientiane Capital
9	Mr. Santana CHOUMMANIVONG	Deputy of Division	Department of Housing & Urban planning
10	Mr. Koichi TAKEI	Chief Representative	JICA Laos Office
11	Mr. Susumu YUZURIO	Senior Representative	JICA Laos Office
12	Mrs.Monlatda CHANTHAVONG	Assistant Program Officer	JICA Laos Office
13	Mr. Tomohiro HASEGAWA	JICA Expert	JICA Expert Team
14	Mr. Akifumi WATANABE	JICA Expert	JICA Expert Team
15	Mr. Akio ODAKE	JICA Expert	JICA Expert Team
16	Ms. Yoko KITAUCHI	JICA Expert	JICA Expert Team
17	Ms. Chandalin VONGVILAY	Secretary	JICA Expert Team
18	Ms. Shouknakhone DUANGMESAK	Secretary	JICA Expert Team

**MINUTES OF MEETING
ON
2nd JOINT COORDINATION COMMITTEE MEETING FOR
THE PROJECT FOR
URBAN DEVELOPMENT MANAGEMENT**

Members of 2nd Joint Coordination Committee on Technical Cooperation Project for Enhancement of Urban Development Management had an intensive discussion on the outline of the Project

As a result of the discussions, members of Joint Coordination Committee agreed on the Project outcome and future work plan. Record of meeting is attached hereon

Vientiane, June 3, 2014



MR. KOICHI TAKEI

Chief Representative
JICA Laos Office



MR. KEOPHILAVANH

APHAYLATH

Vice Mayor,
Vientiane Capital

Minutes of Meeting for Joint Coordination Committee (2)
for the
Project for Urban Development Management

Subject : 2nd Joint Coordination Meeting (JCC)
Date : June 3, 2014
Time : 9:30 ~ 12:00
Place : Meeting room at Vientiane Capital
Attendants : 38 persons (as per listed at Attachment 1)

This is the second JCC meeting held during the Project Period. Meeting is co-chaired by Vice Mayor of Vientiane Capital and Chief Representative of JICA Laos Office and attended by Cabinet of MPWT, DHUP of MPWT, PTI and DPWT, DICT, DoNRE, DAF, DIC of Vientiane Capital, long term expert and short term expert team.

1 Introduction by Chairman (The Vice Mayor of Vientiane Capital)

- At the beginning of JCC, Mr. Keophilavanh APHAYLATH (chairperson) had briefly introduced the project background including its goal and main purpose which mainly aims to strengthen the capacity on urban planning and development management in Vientiane Capital. He also highlighted that the JCC would be a great chance for all concerned organization, especially counterpart agencies and JICA expert team to discuss on project outline and its progress as well as the proposed future activities. During JCC period, Mr. Chairman had requested all participants to provide some comments and suggestion to the 2nd JCC for effectiveness of project implementation in the future.

2 Opening remarks by JICA Senior Representative

- As opening remarks, JICA Chief Representative, Mr. TAKEI Koichi, addressed following comments followed by sincere appreciation to Laos side;
 - The 2nd JCC meeting is an important opportunity where all counterpart members of the project can come together and confirm project progress and challenge.
 - An active participations and discussion during the 2nd JCC is expected in order to exchange ideas for project outputs and sharing information to realize the implementation and upcoming activities of the project.
 - He strongly hopes that all participants and counterpart members will continue to make great efforts by dedicating the necessary time, cooperation and coordination with JICA experts to ensure successful project implementation.

3 Explanation of Project Progress

(1) Explanation of Project outline and progress

- Mr. Akifumi WATANABE, the leader of consultant team explained the outline and progress of the project using the power point slides.

(2) Proposing of the urban management system

- The point for drafting new systems of Land Use Control and Building Control in Vientiane Capital including stages of construction permission, rearrangement of current zoning code and formulation of land use plan and zoning code was proposed by Mr. Tomohiro HASEGAWA, the long term expert of the Urban Development Management

(3) Explanation of the updating of general land use plan

- Mr. Chanthasack BOTTAPHANITH, the project manager had presented about the general approach and progress of updating general land use plan for urbanized area and its outskirts (62,000 ha) during the JCC (2).

(4) Explanation of Cityscape Control of ZPP-Ua

- The cityscape control of ZPP-Ua presented by Mr. Kuniomi HIRANO the cityscape expert was the last presentation topic for 2nd JCC. At the presentation, the review of the current situation and a proposal of cityscape control strategy of ZPP-UA were explained.

4 Comments

Following comments are raised during discussion session, which will be considered and examined during subsequent activities:

- The proposed urban development management system which divides the construction permission into two stages of permissions such as: land development permission (in case the project involving with infrastructure development) and building permission was agreed by JCC members.
- The basic idea and concept of updated general land use plan for urbanized area and its outskirts (62,000 ha) proposed by the project team had been agreed during the 2nd JCC. However, some zones need to be re-examined, especially the areas that the government designated as development areas and limited green areas in urban centre such as pond, river and agricultural land (Dr. Aphixayadeth).
- The current land use regulation should be revised and converted to be a mandatory

regulation, especially the FAR, COS, Height of the building and other requirements. In addition, the countermeasure against the violation and its enforcing agency needs to be set.

- Land use planning should be in line with transportation development (road network, transportation corridor) because the road development can determine the direction of urban development. Besides, the connection network between each urban centre needs to be considered (President of Science and Technology Council, MPWT).
- The size of historic area (180 ha) is enough for conservation purpose or not should be examined. When considering detail land use plan and cityscape code, the area of historic area shall also be examined. (Vice Governor).
- Good coordination between district government and DPWT or MPWT would be taken into consider since there were some development activities had been approved by district authority without well reported to DPWT or Ministry.

5 Concluding remarks

Chairpersons concluded JCC with following remarks.

- The idea of dividing the urban development permission into two stages of permission such as: land development permission and building permission was agreed. While the appropriate measure to cope the illegal violation is important and necessary as it will become administration tool for enforcing organization (Vice Governor).
- The capacity building is one of the main purpose of this project which aims to support technical and knowledge transfer to Lao counterparts, therefore working together between Lao side and Japanese side is expected during the project implementation so that the Japanese experts can transfer their experience to the Lao counterparts. Since this project is dealing with difficult issues on urban development, good coordination between concerned departments is very important (JICA chief representative).
- The simultaneous translation should be provided in the next JCC for full understanding during discussion (JICA chief representative).

~ End of Discussion ~

Attachment-1

**List of participants for 2nd Joint Coordination Committee Meeting
The project for Urban Development Management**

Date: June 3, 2014

Venue: Meeting Room at Vientiane Capital

No.	Name	Position	Organization	No of Participant
1	Mr. Keophilavanh APHAYLATH	Vice Governor	Vientiane Capital	1 person
2	Prof. Dr. Bonleum SISOULATH	President	Science and Technology, MPWT	1 Person
3	Prof. Dr. Somphone DETHUDOM	Vice President	Science and Technology Council	1 Person
4	Mr Khamthavy THAIPHACHANH	Director General	Department of Housing and Urban Planning, MPWT	1 Person
5	Mr. Dethsongkham THAMMAVONG	Director General	Department of Public Works and Transport of Vientiane Capital (DPWT)	1 person
6	Ms. Phonesavanh PHENGSYDA	Deputy Director General	PTI	1 person
7	Mr. Khamphet INTHIDETH	Deputy Director General	PTI	1 person
8	Mr. Khamla PHOMMAVANH	Deputy Director	Cabinet Office, MPWT	1 person
9	Assoc. Prof. Aphisayyadath INSISIENGMAI	Director of Urban Planning Division	Department of Housing and Urban Planning, MPWT	1 person
10	Ms. Vanhpheng KEONAKHONE	Deputy Director	Department of Information, Culture and	1 person

			Tourism	
11	Dr. Lasay NOUANHASING	Director General	Department of Agriculture and Forestry	1 Person
12	Mr. Sovanh PHAMPHAVONGSY	Deputy Director	DIC	1 Person
13	Mr. Bounlanh KANEKHAMVONGSA	Director	Housing and Urban Planning Division, DPWT	1 Person
14	Mr. Santana CHOMMANIVONG	Deputy Director of Urban Planning Division	DHUP	1 Person
15	Mr. Chanthasack BOTTAPHANITH	Project Manager	PTI	1 Person
16	Ms. Bouavone LUANGKHOT	Deputy Director of Housing and Urban Planning Division	DPWT	1 Person
17	Mr. Loumkham CHANTHAPANYA	Officer	DPWT	1 Person
18	Mr. Soubin PHUTTHAVONG	Deputy Director of Housing and Urban Planning Division	DHUP	1 Person
19	Ms. Sonenathey PAKHOUNLUANG	Counterpart	PTI	1 Person
20	Mr. Khamphonemesay PHOMMATHAT	Counterpart	PTI	1 Person
21	Mr. Vilaysack PHASAVAT	Officer	DPWT	1 Person
22	Mr. Vienthihanh	Officer	DPWT	1 Person
23	Mr. Latdavanh SITTHISAY	Officer	DPWT	1 Person
24	Mr. Asyyasone PHENGSENGSAI	Officer	DPWT	1 Person

25	Mr. Thinnakone PHIMMAVONG	Officer	DPWT	1 Person
26	Mr. Asyyasone PHENGSENGSAI	Officer	DPWT	1 Person
27	Ms. Phetsamone	Journalist	Vientiane Mai	1 Person
28	Mr. Khamphanh	Journalist	Vientiane Times	1 Person

JICA

No.	Name	Position	Organization	No. of participant
1	Mr. Koichi TAKEI	Chief Representative	Jica Laos Office	1 Person
2	Ms. Akiko KISHIUE	Project Formulation Advisor	Jica Laos Office	1 Person
3	Ms. Monlada CHANTHAVONG	Assistant	Jica Laos Office	1 Person

JICA Expert, MPWT

1	Mr. Noriyuki MORI	Planning Advisor to the cabinet office in infrastructure development	Jica long term expert, MPWT	1 Person
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JICA Expert and Project Team

No.	Name	Position	Organization	No. of participant
1	Mr. Tomuhiro HASEKAWA	JICA Long term Advisor	Project	1 Person
2	Mr. Akifumi Watanabe	Team Leader	Project	1 Person
3	Mr. Kuni HIRANO	Cityscape Preservation and Creation	Project	1 Person
4	Local Staff	Staff	Project	3 Persons

MINUTES OF MEETING
ON
JOINT COORDINATION COMMITTEE MEETING FOR
THE PROJECT FOR
URBAN DEVELOPMENT

Members of Joint Coordination Committee on the Project for Urban Development Management had an intensive discussion on the outcome and future work of the Project.

As a result of the discussions, members of Joint Coordination Committee agreed on the Project outcome and future work plan. Record of meeting is attached hereon.

Vientiane, November 13, 2014



MR. KOICHI TAKEI

Chief Representative
JICA Laos Office



**MR. KEOPHILAVANH
APHAILATH**

Vice Governor of Vientiane Capital

Minutes of meeting of JCC (3) Discussion Memo

I. Outline of the meeting

Date: 13th November 2014

Venue: Meeting room of Vientiane Capital

Chairperson: Mr. Keophilavanh Aphailath (Vice Governor of Vientiane Capital)

Participants: JICA Representatives, JICA Expert (MPWT), JICA Project Team and Government Sectors of Laos (25 participants as per listed in Attachment 1).

Agenda:

1. Report the Project Progress by JICA Project team
2. Confirm project outputs and to discuss further activities.

II. Discussion points

(1) Mr. Mori

- Thatluang marsh is designated as urban expansion zone, there is risk of flood since the size of That Luang marsh is becoming smaller if development takes place. Also water quality may become bad.
- It is necessary to adjust current situation (e.g. development project in marsh). Flood and water quality has to be considered.
- JICA is conducting “water environment project”, information on land use plan should be provided to the Project.
- Flood is becoming worse and worse every year. Drainage system should be considered by each development project.
 - There are two drainage systems: government provide drainage system and private sector design drainage (Mr. Hasegawa).
 - Vientiane Capital has a technical standard for drainage which can be followed by private sectors (Mr. Hasegawa).
 - It is necessary to establish a system to control private developers so that they would design necessary flood control measures for their projects (Mr. Hasegawa).

(2) Director General, Department of Housing and Urban Planning

- Appreciate the project progress explanation. The contents have become more detailed/accurate compared with the contents presented at JCC (2).

In regard to General Land Use Plan and Zoning Code

- JICA Project team had revised and improved the General Land Use Plan in line with the real situation of Vientiane Capital today.
- General Land Use Plan has been improved by referring existing condition. It is agreed

that coverage area has changed from 21,000 ha to 62,000 ha. In addition, zoning code may be considered as flexible one

- Proposed land use plan includes more investment project as UE (expansion area) as development promotion area.
- Government needs to manage development promotion area including flood management
- In regard to general zoning code, 15 items should be kept and should be considered which items are mandatory and which items are recommendable.
- The maximum height of building should be set/remitted up to the top of the roof.

In regard to Detail Land Use Plan and Zoning Code

- Detailed Land Use Plan is prepared for Inner Zone
- Structure of Detail Land Use Plan is good
- Many people think about building height and building size together so that these items should be considered together
- Building height in ZPP-Ua: height of ZPP-Ua should be medium height even though high rise buildings already exist.
- House has different characteristics: need to determine which area should be high rise building area. Height control needs to be clearly defined.
- Generally, the proposed detailed zoning code is agreed but need to be improved.

In regard to ZPP-Ua

- Concept of cityscape code is okay
- For pilot project, holistic point of view should be considered. How to connect with night market along Mekong River has to be considered because night market affects Trial Event, including street vendors who sell food.
- Need to look reality and link with other activities
- Many activities are proposed as “Trial Event”, it may be good idea to select from proposed activities.
- Building height: should count from ground to roof top because some roof has steep slope.
- Drainage has to be linked with existing system.
- Investment should be harmonized with master plan.
- Good guidance from district government is needed. For Trial Event, it is necessary to discuss with district government which is in charge of night market, need to link with existing activities, and need to check feasibility.

(3) Deputy Head of Natural Resources and Environment Division and Deputy Head of Science and Technology Council, Ministry of Public Works and Transport

- Land use plan and zoning code, which is covering 62,00 ha, are improved.
- Thatluang Marsh has become protected area to development area. Marsh is disappearing. Flood management is important.
- Vientiane capital and districts should harmonize for building permit.
- There are some disturbing factor for urban environment: congestion at night market, noise, no parking
- Business investors should collaborate together for securing sustainable development.
- Development and management should go along the same way.
- Vientiane capital, district, and villages have to manage together.

- Support activities proposed for trial event. Some activities are difficult to be implemented and some are not so difficult.

(4) Deputy Head of Information and Culture Division, Ministry of Information and Culture

- Agree determining building height in Inner Zone.
- Before there were not so many high rise buildings, there was clear view, but now some high rise building disturb the view.
- Agree with the maximum height of the building is the top of the roof.
- For trial event. It is necessary to collaborate with Vientiane capital. It is good condition for raising public awareness of Historic Area.

(5) JICA Chief Representative

- Inputs from participants will be used.
- It is important that we have same understanding.
- Mandatory items needs to be clearly determined.
- I hope that the Project can help discussion for finalizing land use plan/zoning code.

(6) Closing by Chairperson (Vice Governor)

- Show appreciation for JICA and the Project Team for assistance.
- Big progress can be seen since JCC 2 held in May.
- General Land Use Plan: 15 items for General Land Use Plan has to be improved. Technical team meetings should be held for discussion. In addition, public seminar needs to be held.
- People understand urbanized area, urbanizing area and control area.
- Cityscape code: Since many public building (library, newspaper) will be moved, maintaining cityscape is becoming more difficult, cityscape code has to be established urgently. Preservation of Historic Area is the first priority. If we delay further, we will lose the identity of the area forever. We should organize open meeting in December.
- Separate meeting for each topic is needed for ensuring enough time for discussion

Attachment-1

List of participants for 3rd Joint Coordination Committee Meeting
The project for Urban Development Management of Vientiane Capital

Date: November 13, 2014

Venue: Meeting Room at Vientiane Capital

No.	Name	Position	Organization	No of Participant
1	Mr. Keophilavanh APHAYLATH	Vice Governor	Vientiane Capital	1 person
2	Ms. Phonesavanh PHENGSYDA	Acting Director General	PTI	1 person
3	Dr. Thongdam XAYPHAKATSA	Vice President	Science and Technology, MPWT	1 Person
4	Ms. Bang Ow SAYARATH	Deputy Head	Natural Resources and Environment Dvision	1 Person
5	Mr. Santana CHOUMMANYVONG	Deputy Head	Department Housing and Urban Planning	1 Person
6	Mr. Latdavanh Sitthixay	Officer	DPWT	1 person
7	Mr, Vientihane	Officer	DPWT	1 person
8	Mr. Khochone KEOMMANIVONG	Deputy Head	Information and Culture Devision	1 person
9	Mr. Santana CHOMMANIVONG	Deputy Director of Urban Planning Division	DHUP	1 Person

10	Mr. Chanthasack BOTTAPHANITH	Project Manager	PTI	1 Person
11	Ms. Sonenathey PAKHOUNLUANG	Counterpart	PTI	1 Person
12	Mr. Kesone Thepkhamheuang	Deputy Head	Agriculture and Forestry Devison	1 Person
13	Mr. Kone	Journalist	Vientiane Times	1 Person
14	Mr. Phaisithong	Journalist	Vientiane Times	1 Person
15	Mr. Khamphoud Simmalavong			1 Person

JICA

No.	Name	Position	Organization	No. of participant
1	Mr. Koichi TAKEI	Chief Representative	Jica Laos Office	1 Person
2	Mr. Kayasith	PO	Jica Laos Office	1 Person

JICA Expert, MPWT

1	Mr. Noriyuki MORI	Planning Advisor to the cabinet office in infrastructure development	Jica long term expert, MPWT	1 Person
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JICA Expert and Project Team

No.	Name	Position	Organization	No. of participant
1	Mr. Tomuhiro HASEKAWA	JICA Long term Advisor	Project	1 Person
2	Mr. Akifumi Watanabe	Team Leader	Project	1 Person
3	Local Staffs	Staff	Project	5 Persons

MINUTES OF MEETING
ON
JOINT COORDINATION COMMITTEE MEETING FOR
THE PROJECT FOR
URBAN DEVELOPMENT MANAGEMENT

Members of Joint Coordination Committee on the Project for Urban Development Management had an intensive discussion on the outcome and future work of the Project.

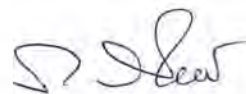
As a result of the discussions, record of meeting is attached hereon.

Vientiane, April 27, 2015



MR. Yusuke MURAKAMI

Chief Representative,
Japan International Cooperation Agency
Laos Office



MR. Keophilavanh APHAILATH

Vice Governor of Vientiane Capital

Record of 4th JCC Meeting

I. Outline of the meeting

Date: 27th April, 2015
Venue: Meeting room of Vientiane Capital
Chairperson: Mr. Keophilavanh Aphailath (Vice Governor of Vientiane Capital)
Participants: JICA Representatives, Embassy of Japan,
JICA Expert (MPWT), JICA Project Team, and
Government Sectors of Laos
(27 participants as listed in Attachment)

Agenda:

1. Report of the Project Progress and Project Outputs by Project team
2. Adjustment of some statements in R/D
3. Discussion

II. Opening remarks

MR. Keophilavanh APHAILATH (Vice Governor of Vientiane Capital)

First of all, I want to begin by thanking all of you for participating in this meeting today. The purposes of the meeting are report the progress and output of the project in phase 1 (from 2013-2015), the result of the Vientiane's trial 2015 and Capacity development. Discuss with attendees to adjust and improve the plan for phase 2. Therefore, I would like to open the meeting officially.

MR. Yusuke MURAKAMI (Chief representative of JICA Laos office)

- The first stage of the Project has been realised. As we move to the implementation of the second half of the Project, it's the great opportunity for us to review the progress of each output so far, confirm activities remaining, and discuss challenges and opportunity ahead.
- Drafting of General LUP and Detail LUP/ZC for Inner Zone has already entered the final stage. It's important for us to have a common understanding to complete approval procedure for each Plan and Code under target date, so that we can plan for the implementation of the approved Plan and Code under the Project.
- In addition, since the consensus were reached for the need of appropriate measures and administrative tools to cope with illegal urban development and unauthorised construction in the previous JCC, I am hoping that concrete step will be identified today.
- A pilot activity, entitled "Vientiane Trial", was implemented in Jan-Feb 2015, and was deemed successful. I would like to take express of my sincere appreciation to our counterparts for your strong leadership to realise such event. At the same time, I hungrily request our counterparts to discuss ideas on how to make the remarkable initiative and sustainable one with support from both government and members of the general public.
- And, it's important for us, not only to have active discussions but also to take concrete actions in order to support the development of the city. I sincerely hope, after today's discussion, we will have tangible result and the clear way for each project output and activity. In view of this, I would like to request all participants and counterparts for their continuous important support for this project. I hungrily request further cooperation and coordination with JICA experts to ensure the successful implementation of the second half of the Project.
- I also would like to express my gratitude to the Vientiane Capital, MPWT and PTI for their on-going efforts and support.

III. Presentations

1. Project Progress and Output (1) - Formulation of Land Use Plan and Zoning Code -
by Mr. Tomohiro HASEGAWA

2. Project Progress and Output (2) - Implementation of Pilot Project -
by Mr. Chanthasack BOTTAPHANITH
3. Project Progress and Output (3) - Progress of capacity development
by Mr. Akifumi WATANABE
4. Adjustment of some statements in RD (Record of Discussions) signed on 25 July 2013, and Plan
of the second half of the Project
by Mr. Tomohiro HASEGAWA

IV. Discussion

(Discussion on Adjustment of Statements in RD is recorded in the next part.)

- 1) Thatluang area
 - I agree to add Thatluang area into studying area, and then issue the ZC of that area after studying. (Vice Governor)
 - We should study in detail about Thatluang area, especially surrounding area, and we must have a specific code. (DHUP)
 - The shape of buildings in the Thatluang area should be harmonized with Thatluang Stupa. (MPWT)
- 2) Allowable Building Height
 - According to the draft, allowable building height will be 12 m along Sethathilath road, 20 m along Sam-sene-thai road, 30 m along T4 road. However, there are a lot of buildings exceeding these values. It might be difficult to enforce such severe regulation. (DPWT)
 - The draft is appropriate with the current situation. It's unreasonable if a new regulation is formulated based on the majority of illegal buildings. (Council of Science and Technology, MPWT)
- 3) Sophistication of the draft
 - Is the boundary of zones determined with the road or else? (Vice Governor)
 - (Answer to above question) In case of arterial roads, boundary of zones is determined with certain distance from the centerline of the road. (PTI)
 - The boundary of zones should be described in words clearly. (DHUP)
 - the project team needs to consider about the difference and the confliction between current and draft regulation, and how to cope with existing buildings. (DHUP)
 - The presentation materials should be written in detail in order to propose to the Government. (DHUP)
- 4) Countermeasures against violation
 - The adjustment of countermeasures against violations should be provided so that the illegal buildings must be demolished because it reduces the value of historic town. (MPWT)
- 5) Urbanization Promotion Zone
 - Is the regulation applied to the urbanization promotion zones, such as That-luang marsh, Nong-ping, and 450-year road? (DHUP)
 - (Answer to above question) General ZC covers these areas. And Vientiane Capital also determined Detail Plans for these areas. Developers must follow General ZC and should respect Detail Plans. Following establishment of Detail LUP/ZC in Inner Zone, we will determine Detail LUP/ZC in other areas (Areas other than Inner Zone) as well. If the area has Detail LUP/ZC, Detail LUP/ZC is applied to the area instead of General LUP/ZC. (PTI)
 - (Answer to above question) For development along 450-year road, Detail Plan, which was published by Vientiane Capital, can be used when the developer makes his development plan. (JICA Expert, PTI).
- 6) Special Projects

- My concern is some special projects, such as Vientiane New World, Word Trade Centre, That-luang SEZ, a huge project near international convention centre, and so on. They include high and huge skyscrapers. Such projects have a very big impact to landscape, traffic, water supply, waste water management, and so on, even if the area is very limited. Therefore, even if we prepare the very good city plan, if such special projects are allowed, our project could not be effective. Therefore, I request the Lao Government to strictly regulate such special projects. Maybe, responsibility is under the MPI (Ministry of Planning and Investment). The MPI should consider carefully about such special project, not to easily allow them. (JICA Expert, MPWT)

7) Approval process

- In the coming period, we will have the Code. To put it into the implementation is very important point. Before coming into the implementation, we will need the approval of the Code, especially for Historic Area. So, I would like to request strong leadership of the Government of Vientiane Capital in approving the Code for Historic Area, so that we can put it into the implementation at the end of this year. (JICA Headquarter)
- I would like to confirm the procedure how Detail LUP/ZC of Historic area will be approved. We suppose that Detail LUP/ZC of Historic area be approved in December this year. We will present a final draft to JCC some timing in October. After the final improvement, we will submit it to Vientiane Capital. Then, Vientiane Capital should approve. Is that the final approval? Or, this has to go to the Prime Minister? We would like to confirm it, because we need to know how many months are needed for the approval. I will be very appreciated if you could give us some comments or guidance. (JICA Laos Office).

8) Conclusion

- I am very happy to see the good progress of the first phase of the Project, and also to deepen my understanding. Today's JCC meeting was very meaningful. We could have common understandings that challenges and activities remain in the second half of the Project. Let me point out two things. Firstly, the most important thing is to take concrete action for approval of LUP/ZC to achieve the goal of the Project. Secondly, challenges and activities in the second half of the Project is getting difficult. And involvement and commitment of Lao side is getting more crucial than those in the first phase. I really ask you to have leadership in achieving the goal of the Project. Ownership by Lao side is a key to success of the Project. (Chief Representative of JICA Laos Office)
- I'm giving praise to the project team for result of this project until now and confirm the success in the first phase of this project. I have approved the report of the first phase of this project. Before proposing to the Government for an approval, draft must be compiled in detail through studying with not only the technical officers but also other organizations, and in avoiding the confliction with local people. Therefore, to hold the public hearing is necessary for our city plan management. I hope the project team to propose the new regulation to the Government between September and November 2015. Then, approval in December 2015. (Vice Governor)

V. Adjustment of Statements in RD, and New PDM and New PO

RD: Record of Discussion signed on 25 July 2013

PDM: Project Design Matrix

PO: Plan of Operations

1. Both sides agreed on adjustment of "Administration of the Project" in RD, as below.

(1) "Advisor for the Project" (same with before)

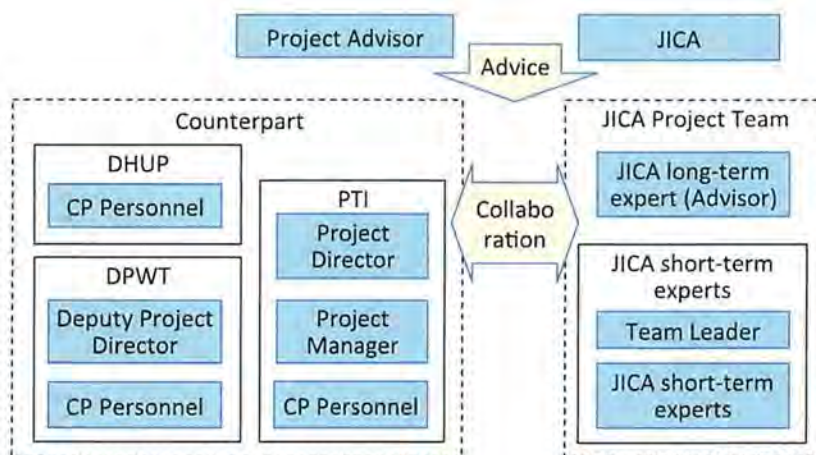
H.E. Keophilavanh APHAYLATH, The Vice Mayor of Vientiane Capital shall be an advisor for the Project.

(2) "Project Director" (promoted)

Mrs. Phonesavanh PHENGSYDA, Director General of PTI, as the Project Director, will bear overall responsibility for the administration and implementation of the Project.

- (3) “Deputy Project Director” (same with before)
Mr. Bounlanh KANEKHAMVONGSA, Director of Housing and Urban Planning Division, Department of Public Works and Transport, of Vientiane Capital(hereinafter referred to as “DPWT”), as the Deputy Project Director, will support the Project Director in administration and implementation of the Project.
- (4) “Project Manager” (promoted)
Mr. Chanthasack BOTTAPHANITH, Deputy Director of Planning & Cooperation Division, PTI, as the Project Manager, will be responsible for the managerial and technical matters of the Project.
- (5) “JICA long-term expert” (adjusted)
JICA long-term expert (Advisor) will provide necessary recommendations and advice to the Project Director, Deputy Project Director, Project Manager, and JICA short-term experts on any matters pertaining to the implementation of the Project.
- (6) “JICA short-term experts” (adjusted)
JICA short-term experts lead by the Team Leader will give necessary technical guidance and advice to the Lao counterpart personnel on technical matters pertaining to the implementation of the Project.
- (7) “JCC “ (same with before)
For the effective and successful implementation of technical cooperation for the Project, a Joint Coordination Committee will be established whose functions and composition are described in Annex VI.

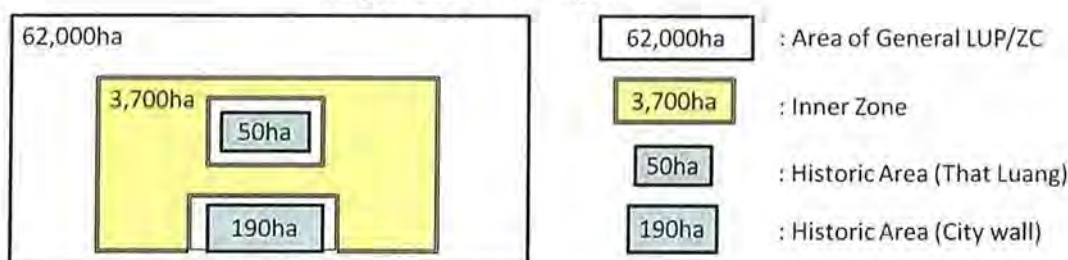
Administrative structure of the project



2. Both sides agreed to revise “PDM (Project Design Matrix)” from the viewpoints below. Revised PDM, which reflects these points, is attached.

- (1) “Overall Goal”
For overall goal of the project, the word of “City Plan” shall replace “Mater Plan”.
- (2) Definitions of areas
The areas in the project are redefined as shown in the figure below.
“Target Zone” shall be changed to “Inner Zone”. The Inner Zone shall no longer include the Thatluang area (Thatluang Stupa + surrounding area). Thatluang area shall be added to Historic Area. New “Historic Area” shall consist of City wall area and Thatluang area. Detail LUP/ZC will be separately formulated for Inner Zone and Historic Area.

Target Area of the Project



(3) LUP (Land Use Plan)

LUP (Land Use Plan) shall be used instead of “Land use zones”.

(4) “Pilot Project”

New word of “pilot project” shall include not only physical action but also non-physical action.

(5) “Objectively verifiable indicators” and “Means of verification”

“Objectively verifiable indicators” and “Means of verification” in PDM shall be adjusted in order to evaluate the achievement of the Project more appropriately.

3. Both sides agreed to revise “PO (Plan of Operations)” reflecting New PDM and actual progress. Revised PO is attached.

4. Both sides agreed on adjustment of “List of Counterparts” in RD due to the personnel change, as below.

Activities	Counter part
<p>1. Analyzing structure of legal documents related to urban development management and proposing improvement. (Refer to revised PDM for details of Activities.)</p>	<p>1) Mr. Santana CHOUMMANIVONG, Deputy Director of Urban Planning Division, DHUP 2) Mrs. Sonnathy PAKHOUNLUANG, Technical staff, Environmental and Social Division, PTI 3) Mr. Somchit CHERSHOUATHOR, Technical staff, Housing and Urban Planning Division, PTI</p>
<p>2. Creating basic data base (land use plan) for urban development management. (Refer to revised PDM for details of Activities.)</p>	<p>1) Mrs. Sonnathy PAKHOUNLUANG, Technical staff, Environmental and Social Division, PTI 2) Mr. Somchit CHERSHOUATHOR, Technical staff, Housing and Urban Planning Division, PTI 3) Mr. Loumkham CHANTHAVONGSA, Technical Staff, Housing and Urban Planning Division, DPWT 4) Mr. Vientiane VANETHONFSAY, Technical Staff, Housing and Urban Planning Division, DPWT</p>
<p>3. Enhancing urban planning capacity (Refer to revised PDM for details of Activities.)</p>	<p>1) Mrs. Sonnathy PAKHOUNLUANG, Technical staff, Environmental and Social Division, PTI 2) Mr. Somchit CHERSHOUATHOR, Technical staff, Housing and Urban Planning Division, PTI 3) Mr. Loumkham CHANTHAVONGSA, Technical Staff, Housing and Urban Planning Division, DPWT 4) Mr. Vientiane VANETHONFSAY, Technical Staff, Housing and Urban Planning Division, DPWT</p>

<p>4. Enhancing capacity on urban development control (Refer to revised PDM for details of Activities.)</p>	<p>1) Mr. Loumkham CHANTHAVONGSA, Technical Staff, Housing and Urban Planning Division, DPWT 2) Mr. Vientiane VANETHONFSAY, Technical Staff, Housing and Urban Planning Division, DPWT</p>
<p>5. Improving implementation capacity of cityscape refining activities (Refer to revised PDM for details of Activities.)</p>	<p>1) Mr. Loumkham CHANTHAVONGSA, Technical Staff, Housing and Urban Planning Division, DPWT 2) Mr. Vientiane VANETHONFSAY, Technical Staff, Housing and Urban Planning Division, DPWT</p>

List of Participants

NO	Name And Surname	Position	Organization
1	Mr Keophilavan Aphaylath	Vice Governor	GVC
2	Ms Phonesavan Phengsida	Director General	PTI
3	Prof.Dr Somphone Dethoudom	President	CST
4	Mr Phoudthasen Akavong	Deputy Director General	DHUP
5	Mr Khamkhoun Bailatry	Deputy Director General	DICT
6	Mr Dethsongkham Thammavong	Director General	DPWT
7	Mr Sitthiphone Boupphavan	Director	OPWT
8	Prof.Dr Aphixayyadeth Insixiangmai	Director	DHUP
9	Ms Khanthali Vongnalath	Deputy Director	DPC
10	Mr Loumkham Chanthapanya	Technical	DPWT
11	Mr Lathdavan Sitthixay	Technical	DPWT
12	Mr Viengthihan Banthongxay	Technical	DPWT
13	Mr Chanthasak Bottaphanith	Deputy Director	PIT
14	Mrs Sonenathy Phakhounluang	Technical	PIT
15	Mr Somchit Chershouathor	Technical	PTI
16	Mr Bounmy Anousin	Translator	PTI
17	Ms Phayakala Chandeng	Secretary	PTI
18	Ms Thodsakhone Razmounry	Secretary	PTI
19	Mr Takashi Kurihara	Second Secretary	Embassy of Japan
20	Mr Phan Le Binh	Deputy Director	JICA
21	Mr Maki Hasegawa	Associate Expert	JICA
22	Mr Yusuke Murakami	Chief Representative	JICA Laos Office
23	Ms Akiko Kishiue	PFA	JICA Laos Office
24	Mr Kingsada Siphauthong	APO	JICA Laos Office
25	Mr Noriaki Mori	JICA Expert	MPWT
26	Mr Tomohiro Hasegawa	JICA Expert	PTI
27	Mr Akifumi Watanabe	JICA Expert	PIT

PROJECT DESIGN MATRIX (PDM) approved by JCC on 27 April 2015

Project for Urban Development Management

Project term: 3 years

Applicant: PTI (Public Works and Transportation Institute)

Target area: Vientiane Capital

Implementation Agencies: PTI, DPWT (Dept. of Public Works and Transport, Vientiane Capital)

Narrative Summary	Objectively verifiable indicators	Means of verification	Important assumptions
<p><u>Overall Goal</u> Urban development in Vientiane Capital will be managed consistent with established City Plan</p>	<ul style="list-style-type: none"> - Recognition on improvement in consistency between City Plan and urban development activities. 	<p>Interview/Questionnaire to Vientiane Capital, MPWT¹ and NUOL²</p>	
<p><u>Project Purpose (revise if necessary)</u> The Capacity of staff regarding Urban Development in Vientiane Capital to implement Urban Planning and Development Management will be strengthened</p>	<ul style="list-style-type: none"> - Improvement of control system of urban development. - Improvement in construction monitoring and construction control enforcement. 	<p>Interview/Questionnaire to Vientiane Capital, DPWT, PTI, MPWT and NUOL</p>	<ul style="list-style-type: none"> - General Land Use Plan for Vientiane Capital will be authorized by Lao side - Draft Land Use Plan and Zoning Code in Inner Zone will be authorized
<p><u>Outputs (revise if necessary)</u></p> <ol style="list-style-type: none"> 1. Capacity on analyzing structure of legal documents related to urban development management and proposing improvement will be enhanced. 2. Capacity on creating basic data base (land use plan) for urban development management will be enhanced. 3. Capacity on urban planning of related agencies will be enhanced. (focus on Inner Zone and Historic Area) 4. Capacity on urban development control will be enhanced (focus on Historic Area). 5. Capacity on implementing cityscape projects will be enhanced through pilot project (focus on activities for cityscape in Historic Area). 	<ol style="list-style-type: none"> 1. Report proposing improvement of legal documents related to urban development management in Laos 2. Updated land use plan with an area of 62,000 ha. 3-1. Draft Land Use Plan and Zoning Code, and countermeasures for Inner Zone. 3-2. Land Use Plan and Zoning Code including Cityscape Code, and countermeasures for Historic Area. 4-1. Manual for monitoring and enforcement works. 4-2. One dissemination seminar. 4-3. Monitoring /enforcement activities 5-1. Two non-physical components 5-2. One physical component. 	<p>Submitted documents from the Project for indicators 1 to 4-2, and 5-1, 5-2.</p> <p>Interview to DPWT for indicator 4-3.</p> <p>Physical component site for indicator 5-2.</p> <p>Report of training</p>	<ul style="list-style-type: none"> - Counterpart personnel will be kept stable during the course of the project - Lao authority will approve the Draft Land Use Plan and Zoning Code including Cityscape Code of the Historic Area.

¹ DHUP is the appropriate authority in MPWT (Ministry of Public Works and Transport).

² Faculty of Architecture is the appropriate faculty in NUOL (National University of Laos).

Activities	Inputs	Preconditions
<p>1-1. To collect and analyze documents related to urban development management in Laos and in Vientiane.</p> <p>1-2. To clarify above mentioned documents, suggest points to be improved.</p> <p>2-1. To confirm existing maps of land use plan in Vientiane Capital</p> <p>2-2. To update information related to land use situation, including new urban development plan(s) in Vientiane Capital</p> <p>2-3. To update Land Use Plan (at scale of 1/30,000) for the area of Vientiane Capital proposed by JICA Master Plan study in 2011, with an area of 62,000 ha.</p> <p>2-4. To conduct training to staff related to urban development management.</p> <p>3-1. To collect existing data, map, and usage, height, FAR, BCR, etc. buildings in Inner Zone.</p> <p>3-2. To make:</p> <ul style="list-style-type: none"> - draft of Detail LUP and ZC, and - proposal for new countermeasures against violations in the field of urban development, for Inner Zone with consensus making through stake holder meetings, and to submit for approval. <p>3-3. To conduct training to staff related to urban development management on technology in drafting LUP and ZC for an specific area.</p> <p>3-4. To conduct survey on buildings in the Historic area.</p> <p>3-5. To elaborate:</p> <ul style="list-style-type: none"> - draft of Detail LUP and ZC (including Cityscape Code), and - proposal for new countermeasures against violations in the field of urban development, for Historic Area with consensus making through stake holder meetings, and to achieve 	<p>Japanese experts:</p> <ol style="list-style-type: none"> 1) Urban development management policy (long-term) 2) Urban development management technology (short-term) 3) Land use plan/zoning code (short-term) 4) Cityscape guidance (short-term) 5) Data base (GIS) (short-term) 6) Project coordinator (shared with Project for Urban Water Environment Improvement in Vientiane Capital) <ul style="list-style-type: none"> • Training of counterpart and beneficiaries including training abroad • Necessary equipment • Cost for implementation of survey • Cost for equipment and works for physical cityscape improvement <p>Lao side:</p> <ul style="list-style-type: none"> • Provision of office and equipment • Assignment of counterpart • Counterpart budget: administrative cost including transportation and utility 	<p>Preconditions</p> <ul style="list-style-type: none"> - Lao side assigns proper counterpart personnel for the Project. - Lao side assigns allocate necessary counterpart budget for the Project.

<p>approval.</p> <ul style="list-style-type: none">4-1. To disseminate approved LUP and ZC (including Cityscape Code) to the residents in Historic Area through several methods.4-2. To make/improve manual for application of LUP and ZC (including Cityscape Code) in Historic Area.4-3. To apply LUP and ZC (including Cityscape Code) in Historic Area.4-4. To conduct training to staff related to urban development planning on application of LUP and ZC (including Cityscape Code) in Historic Area. <ul style="list-style-type: none">5-1. To identify/select objectives of pilot project.5-2. To design the pilot project.5-3. To implement the pilot project.5-4. To conduct training on implementation of urban-environment-upgrading projects through pilot project.		
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PLAN OF OPERATIONS (PO) approved by JCC on 27 April 2015
Project for Urban Development Management

Activities		Month (36 months in total)																																			
		Y2013			Y2014												Y2015												Y2016								
		10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
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Stake Holder Meeting																																					
Joint Coordination Committee																																					

Completion of the Draft

Completion of the Draft Approval

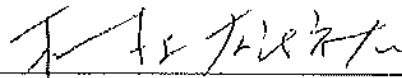
Non-physical component
Physical component

**MINUTES OF MEETING
ON
5th JOINT COORDINATION COMMITTEE MEETING
FOR
THE PROJECT FOR URBAN DEVELOPMENT MANAGEMENT**

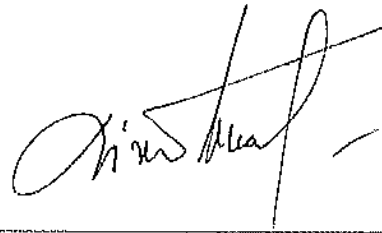
Members of Joint Coordination Committee on the Project for Urban Development Management had an intensive discussion on the outline of the Project.

As a result of the discussions, members of Joint Coordination Committee agreed on the project outcome and future work plan. Record of meeting is attached hereon.

Vientiane, December 18, 2015



MR. YUSUKE MURAKAMI
Chief Representative,
JICA Laos Office



MR. KHAMTHAVY THAIPHACHANH
Director General,
Department of Housing and Urban Planning,
Ministry of Public Works and Transport

**Record of 5th Joint Coordination Committee Meeting
for the Project for Urban Development Management**

Subject : 5th Joint Coordination Committee (JCC) Meeting
Date : December 18, 2015
Time : 9:00 - 12:00
Place : Meeting Room at Vientiane Capital Office
Chairperson : - Mr. Khamthavy THAIPACHAN, Director General, Department of Housing and Urban Planning, MPWT (At the opening, Mr. Keophilavanh APHAILATH, Vice Governor of Vientiane Capital), and
- Mr. Yusuke MURAKAMI, Chief Representative of JICA Laos Office
Attendants : 36 persons from organizations, such as Ministries, Vientiane Capital, Districts, other relevant organizations, JICA and JICA experts (as per listed at Attachment 1)

1. Opening Remarks

Mr. Keophilavanh APHAILATH, Vice Governor of Vientiane Capital

- On behalf of the Vientiane Governor, I would like to express our sincere thanks to all participants to attend this meeting.
- We have successfully implemented several projects in Vientiane Capital which has greatly contributed to our social and economic development, infrastructure development, and sustainable development. Therefore, we shall continue this positive momentum and we shall focus on capacity building and human resource development.
- As you know, over the past period, Vientiane Capital has been developed rapidly. There are numerous large scale development projects through both domestic and foreign investment. There will be both positive and negative impact of development projects that government should carefully examine, as such development could pose a great challenge to the Vientiane Capital administrative in regulating and managing the urban development. In order to ensure that every action is taken to reflect and comply to the National Strategy Plan, in the past, we have followed the Urban Development Master Plan (issued in 2002), which is the key mechanism for development and management of Vientiane Capital. The said Master Plan is subject to be revised and amended on timely basis.
- In 2010, Lao Government has received support from JICA to conduct formulation of (new) Master Plan in Vientiane Capital.
- In 2013, Lao Government has received continuous support from JICA to conduct capacity building on cityscape management, including capacity building for Lao government official, that focus on specific areas, through planning and drafting regulations on detail land use in the inner zone and historical area.
- The objectives of this meeting are to update general project progress, to report the

- outcome of phase 1, to be a platform for participants to discuss the draft of the Detail LUP/ZC (detail land use plan and zoning code), and to have general agreement and comment on the future pilot project in order to propose to the Governor for the approval.
- I believe this meeting will provide more detail and comprehensive information about the overview of the project, the progress and the way forward.
 - In order to have effective master plan and regulation for urban development and management, I appreciate and encourage all participants to actively participate, discuss and express your views on each subject and matter.
 - I would like to declare that the meeting is officially opened from now on.

Mr. Yusuke MURAKAMI, Chief Representative of JICA Laos Office

- The drafting of General LUP of 62,000 ha and Detail LUP/ZC of Historic Areas and Inner Zone of 4,000 ha has come to the finalization stage. It is important for us to have a common understanding on the approval procedure for each plan and code, that have been collaborated under the project and set the target, so that we can move upper to the authorization stage of the plan and code and other projects. In addition, since the consensus was reached to further need of appropriate measures and administrative tools to cope with illegal urban development and unauthorized construction in the previous stage, I'm hoping that the complete set would be closer today to address these.
- Besides that, pilot activity "Vientiane trial" has been held in 2015, and was one of the key successes which has given positive and supported comments from the public. To realize that again, the project has planned to continue the pilot activities which will be composed of soft component "Vientiane Trial 2016" that will be held at the beginning of the next year, and hard component "cityscape improvement" that will be commenced right after the trial. I would like to express my sincere appreciation to our counterparts for your strong leadership to realize such event. At the same time, I hungry request our counterparts to discuss how to make a remarkable initiative, and sustainable ones which support from both government and members the general.
- This project is seeking to identify basic principles on conditions for the future development of Vientiane Capital. Therefore, it's important for us not only to have an active discussion but also to take concrete actions in order to support the development of the city.
- I sincerely hope that, after today's discussion, we will have tangible result and the clear way for each project output and activity. In view of this, I would like to recommend all participants and counterparts for their continuous effort and support for this project, and I hungry also request further cooperation and coordination with JICA experts to ensure the successful implementation of the project.

2. Explanation of Project Progress

(1) Development Vision and Strategic Plan of Vientiane Capital, and Whole Project Progress and Plan of Operation

Mr. Bounlanh KANKHAMVONGSA, Director of Housing and Urban Planning and Environment Division of DPWT, explained them using the power point slides. In the presentation, it was proposed to revise PO (Plan of Operation) as shown in the Attachment 2 in order to extend the schedule of some work items.

(2) Detail Land Use Plan and Zoning Code of Historic Area and Inner Zone

Mr. Tomohiro HASEGAWA, JICA Long-term Expert, explained it using the power point slides.

(3) Pilot Project Implementation Plan

Mr. Chanthasack BOTTAPHANITH, Deputy Director, Planning and Cooperation Division of PTI, explained it using the power point slides.

3. Discussion

Mr. Khamthavy THAIPHACHANH

- Key items of the meeting are as followings:

- (1) Vision and Strategic Plan 2030 or Vientiane 2030, and Project progress
- (2) The Draft of General Instruction of Detail LUP/ZC, and the Draft of Detail LUP/ZC of 3 zones of Historic Area (City wall), Historic Area (Thatluang) and Inner Zone.
- (3) Pilot Project, which consists of the trial or “Vientiane Trial 2016” and improvement of street environment.

Mr. Davanh THONNAVONGSA (The Vice Governor, Saysettha District)

- It is better to review the development visions (presented by Mr. Bounlanh KANKHAMVONGSA) in referring discussions in the 6 th congress meeting.
- Urban development should be governed by the law and regulations, hence those must be revised to fit the current needs and situations.
- Since land use is the most important point, it is recommendable to consider carefully where should be conserved, where should be reserved for new development, and how much the suitable height of buildings in historic area is.
- It will be helpful if the target area of pilot project would be expanded to other areas, such as Thatluang historic area.
- It will be helpful if the counterparts would support and provide technical assistance to the

districts on urban development.

Mr. Xonglao YANGNU (Director General, Department of Water Supply, VTE)

- "Flooding" and "Serious Traffic Congestion" should be considered to be included in the Strategic Plan.
- The regulation should be disseminated to the village level in implementation stage. Additionally, coordination and cooperation of multi-sector agencies and stakeholders are necessary to reduce negative impact on land usage.

Ms. Phonesavanh PHENGSYDA (Director General, PTI)

- The several meetings have been held in order to find the best practices and regulation, such as definition of the building height of each area.
- Regarding the pilot project in the historic area, if the budget is sufficient, other areas can be included as the target area.
- The project will formulate the draft of Detail LUP and ZC for 3 zones. This experience can be applied to other areas as good reference for us.

Prof. Dr. Somphone DETHUDOM (President, Science and Technology Council)

- Proposed E and COS look appropriate because it would effect economic development for upgrading the living of people, including health and mental. Proposed Detail LUP/ZC will be the tool for implementing economic development. Proposed Detail LUP/ZC seems good step for Vientiane Capital. Three zones have main issues, which are to ensure sanitation, to control pollution, and to facilitate traffic congestion. The land use and COS also seem suitable for economic development to improve living standard and good health to ensure the sustainable development.

Mr. Thavixay XAYPASETH (Head of OPWT, Saysettha)

- If it is possible, it should be considered to add justice process, and also to cut off water supply and electricity supply to the building as countermeasures against violators.

Dr. Sisavat SINTHAVY (Director of Planning Division, Department of Agriculture and Forest, VTE)

- Good practices of building construction in three zones, which comply with the required regulations and standards, should be identified.

4. Concluding Remarks

Mr. Khamthavy THAIPHACHANH

- Meeting has reached consensus mainly on the requirements of building height in historic area, external feature, land use, coefficient of land use (COS) and on the pilot project.
- The pilot project was the outcome from research and study from various sources and international best practices.
- Projects to receive special treatment must give benefit to community and neighborhood in particular for the public parking space, facilities to enable the flow of transportation and to avoid any congestion.
- I strongly believe that the Detail LUP/ZC will contribute a lot to the effective implementation.
- If the participants confirm that the project progress and outcome of the first stage is acceptable, we can move to the next stage of seeking endorsement from the government and the dissemination process.
- Regarding the measure against violation, they are subject to be penalized and to be withdrawn the license.
- The JICA experts will prepare the implementation guideline. After that, next action is to disseminate guideline, information, manual to the village level.
- We have a limited budget, so we need to focus pilot project on the selected site. However, if there is any source of funding, available budget or assistance from other donors, we will definitely allocate and expand our pilot project to other areas.
- Finally, I wish all of you good health and great success. I would like to officially close the meeting. Thank you very much.

Mr. Yusuke MURAKAMI

- I'm very happy to be able to get to the agreement on directional challenges of the project in the remaining period. In other words, we can be standing the same certain line sharing the same direction in 5th JCC today.
- I think the most important thing is to take a concrete action immediately with strong commitment and involvement by Lao side for finalizing and authorizing the plan and code. I condense that this action will take us to the success of the project.
- As I already mentioned, we have only one year as a project period. So, I sincerely request all of you to make effort and support this project continuously. Thank you very much.

Attachment-1

**List of participants for 5th Joint Coordination Committee Meeting
The Project for Urban Development Management**

Date: December 18, 2015

Venue: Meeting Room at Vientiane Capital Office

No.	Name	Position	Organization
1	Mr. Keophilavanh APHAYLATH	Vice Governor	Vientiane Capital (VTE)
2	Prof. Dr. Somphone DETHUDOM	President	Science and Technology Council
3	Mr. Khamthavy THAIPHACHANH	Director General	Department of Housing and Urban Planning, MPWT
4	Mr. Dethsongkham THAMMAVONG	Director General	Department of Public Works and Transport of Vientiane Capital (DPWT)
5	Ms. Phonesavanh PHENGSYDA	Director General	PTI
6	Mr. Bounlanh KANEKHAMVONGSA	Director	Housing and Urban Planning Division, DPWT
7	Mr. Santana CHOMMANIVONG	Deputy Director of Urban Planning Division	DHUP
8	Mr. Chanthasack BOTTAPHANITH	Deputy Director of Planning and Cooperation Division	PTI
9	Mr. Loumkham CHANTHAPANYA	Officer	DPWT
10	Mr. Soubinh PHOWTTHAVONG	Deputy Director of Housing and Urban Planning Division	DPWT
11	Mr. Xonglao YANGNU	Director General	Department of Water Supply, VTE
12	Mr. Davanh THONNAVONGSA	Vice Governor	Sisattanak District
13	Ms. Sonenathay PAKHOUNLUANG	Technical staff	PTI
14	Mr. Vientihanh	Officer	DPWT
15	Mr. Bounthee LUANGLITH	Deputy Head of OPWT	OPWT of Sikhottabong District
16	Mr. Phouvong VIENGVILAY	Officer	DPWT
17	Miss Lakhon BOULOMMAVONG	Deputy Head of OPWT	OPWT of Sisattanak District
18	Mr. Khamting THAVONE	Deputy Director	OPWT of Chanthabouly District
19	Mr. Phouthaphone KHODPANYA	Vice District Governor	Saysettha District
20	Mr. Phoukeo THAMMAVONG	Deputy Director	Cabinet, MPWT
21	Mr. Phimpha KHAMPHENGXAI	Deputy Director of Division	Department of Natural Resource and Environment, VTE
22	Mr. Kaen VOLASAN	Vice District Governor	Hatsayfong District
23	Miss Bualon VONGDASAEN	District governor	Chanthabouly District

24	Dr. Sisavat SINTHAVY	Director of Planning Division	Department of Agriculture and Forest, VTE
25	Mr. Saeng-ar-loum PHOMMATHIEP	Vice District Governor	Hatsayfong District
26	Miss Phouvieng KEOVONGVICHIT	District Governor	Sikhottabong District
27	Mr. Khamkhoon BAILATREE	Deputy Director	Department of ICT
28	Mr. Thavixay XAYPASETH	Head of Office	OPWT, Saysettha District
29	Mr. Bounlam VONGSOUPHI	Director of Division	Department of Industry and Commercial
30	Mr. Sonexay	Secretary of Vice Governor	VTE

No.	Name	Position	Organization
1	Mr. Yusuke MURAKAMI	Chief Representative	JICA Laos Office
2	Mr. Toru OGURA	Project Formulation Advisor	JICA Laos Office
3	Mr. Tomohiro HASEGAWA	JICA Expert	Project
4	Mr. Kimihiro KONNO	JICA Coordinator	Project
5	Mr. Kuniomi HIRANO	JICA Expert	Project
6	Dr. Kongkeo PHAMMAVANH	Consultant	Project

MINUTES OF MEETING
ON
JOINT COORDINATING COMMITTEE MEETING (6th) FOR
THE PROJECT FOR
URBAN DEVELOPMENT MANAGEMENT

Members of Joint Coordinating Committee on the Project for Urban Development Management had an intensive discussion on the Project including project achievement, authorization process, pilot project (hard component) and results of terminal evaluation.

As a result of the discussions, record of meeting is attached hereon.

Vientiane, May 17, 2016

坂本 小枝

MS. SAEDA MAKIMOTO

Senior Representative,
Japan International Cooperation Agency
Laos Office



Prof. Dr. SOMPHONE DETHOUDOM

Advisor to Minister of Public
Works and Transport

I. Outline of the meeting

- (1) Date : 17th May, 2016
- (2) Venue : Conference room of Vientiane Capital
- (3) Chairpersons :
- Laos Side: Mr. Keophilavanh Aphailath (Vice Governor of Vientiane Capital), Prof. Dr. Somphone Dethoudom (Advisor to Minister of PWT)
 - Japanese side: Ms. Saeda Makimoto (Senior Representative, JICA Laos Office)
- (4) Participants :
- National Government of Laos,
 - Vientiane Capital,
 - District Offices in Vientiane Capital,
 - Embassy of Japan,
 - JICA Terminal Evaluation Team, JICA Laos Office and
 - JICA Project Team
- (Participants as listed in Attachment-1)
- (5) Agenda:
- Opening
 - Achievement of the Project
 - Authorization of the General LUP/ZC and Detail LUP/ZC
 - Improvement of Plan of Chao Anou and Francois Ngin Street
 - Result of the JICA Terminal Evaluation
 - Discussion, and
 - Closing

II. Opening Remarks

- **Mr. Keophilavanh APHAYLATH**, Vice Governor of Vientiane Capital:
 - We all know that the Project for Urban Development Management in Vientiane Capital is one of projects supported by JICA to strengthen urban planning and development for our government officials. This project commenced in December 2013, therefore it has been almost two and a half

year as the project duration is until October 2016. There have been achievements with efforts and contributions by the Japanese experts and Lao counterparts. To pursue the overall goal of the Project, the Government, particularly Vientiane Capital and MPWT, have paid close attention in guiding the Project through acknowledging the periodical reporting. Therefore this 6th JCC Meeting has the key objective in providing us the updated progress and outputs' achievement as well as some issues.

- All participants are welcomed to share with us on approval process of the general/detailed LUP/ZC for inner zone and of city wall in Historic Area of Vientiane Capital, and the conceptual improvement plan of two important streets: Chao-Anou and Francois-Ngin located in Chantabouly District. We will then discuss the third topic regarding the terminal evaluation findings. There are three main topics guiding our discussion, therefore, may I urge all of you to share comments and recommendations in order to consolidate and develop for further references that will put into practices for the success of the remaining project's duration.
- May I express my appreciation to all of the participants, the representative from JICA-Lao Office and the team of JICA's HQ, Tokyo, for the evaluation findings. Once again may I wish our 6th JCC Meeting to be fruitfully successful.
- **Ms. Saeda MAKIMOTO Senior Representative of JICA Lao Office:**
 - It is my great pleasure to join the 6th JCC for the Project for Urban Development Management today. I would like to take this opportunity to express my sincere appreciation to all of the stakeholders of the Project for your continuous and generous support to implementation of the Project as well as efforts to hold today's committee.
 - This Project was commenced in October 2013 and two and half year has already passed. The terminal evaluation is implemented six months before the completion of the project jointly with the counterpart organization. The terminal evaluation mission in collaboration with the Lao's side has been working on the evaluation since May 9 and the draft of joint evaluation report is elaborated. I would like to express the appreciation for receiving the mission and cooperation to the evaluation from the Lao's side. The terminal evaluation consists of three components; the first is the project performance including the achievements of outputs and project purpose, the second is the evaluation by five criteria namely relevance, effectiveness, efficiency, impact and sustainability, and the third is recommendation and lessons learned.
 - One of the today's major topics is related to the report of evaluation. The achievements and evaluation of the Project will be presented and finally signing of the evaluation report is expected. In addition, it is expected that

the general LUP and ZC, and the detailed LUP/ZC will be authorized by today's JCC. After authorization by JCC, taking this opportunity, JICA would like to ask kindly the relevant organization of Lao's side to promote the approval procedures for the enforcement of general and detailed LUP/ZC. The second Vientiane Trial at the end of this February was successfully finished as a soft component of pilot project and also hard component for improvement in cityscape will be planned. In today's JCC, the plan of improvement in the cityscape will be presented and discussed as one the important agenda item.

- I would like to close my remarks by expressing appreciation again to PTI and DHUP-MPWT and DPWT-VC for being supportive and committed partners.

III Presentation

(1) Achievements of the Project

- Mr. Soubinh PHOUTHAVONG, Deputy Director Housing and Urban Planning and Environment of DPWT, explained the outline of the Project, achievement of expected outputs, and achievement and remaining activities.

(2) Authorization of General LUP/ZC and Detail LUP/ZC

- Mr. Santana Choummanivong, Deputy Director, Division of Urban Planning of DHUP, explained the authorization of General LUP/ZC and Detail LUP/ZC including two options of authorization, date of issue and date of enforcement, trial enforcement, and road map to authorization.

(3) Improvement Plan of Chao –anou and Francois-ngin streets

- Mr. Chanethasak Bottaphanith, Deputy Director, Division of Planning and Cooperation of PTI, explained the outline and the progress of hard component of pilot project, including survey, stakeholder meetings, conceptual design and detail design.

(4) Terminal Evaluation Report

- Ms. Kinuko Mitani, Evaluation Analyst, who is a member of the evaluation team explained, the result of terminal evaluation including evaluation method, achievement of each output, and evaluation result based on 5 criteria. Mr. Naoki Mine, Evaluation Planner, who is also a member of the evaluation team, explained the conclusion and recommendation from the Japanese side and actions need to be taken for approval and preparation of monitoring and enforcement.

IV. Discussion

Comments and questions raised during discussion session are summarized below.

- **Prof. Dr. Somphone (continued as the 6th JCC Meeting's Co-Chair with JICA's Representative):**
 - We all recognize the success and updated progress of the project as the findings from the terminal evaluation team from JICA's HQ, Tokyo. Capacity building is for the officials at all levels from central to local authorities. The Lao team members have been upgrading knowledge and skills with the supports from the Japanese experts. Knowledge was transferred from the Japanese experts to our officials, who fully understand and will practice at the sites and follow the Government's policies and JICA's direction for the technical cooperation.
 - In regard to approval process, two options are proposed. We need your suggestions and recommendations on which approach is appropriate.
- **Mr. Veingkeo Souksavatdy, Department of Heritage, Ministry of Information-Culture and Tourism:**
 - In regard to English and Lao version in your presentation, slide number 2 or page 4 in the handouts, the English version said "Exclude" but the Lao version used "Include". Perhaps this is the typing error.
 - In regard to the identification of inner zone and historic area of the city wall, relationship between "inner zone and historic area of city wall" and "historic city wall" has to be confirmed.
- **Mr. Chanethasak Bottaphanith, PTI :**
 - "Excludes" in English version is correct. We will correct the Lao version and we apologize on this.
 - In regards to the historic areas, we will contact you again to MICT in regard to information of inner areas and the city wall.
- **Mr. Xonglao Yangnu, Department of Energy and Mine, Vientiane :**
 - The approval procedure takes time and we have to accelerate the process so that we can implement. I strongly support the detail LUP of the historic areas.
 - In regards to the pilot project, I agree with the improvement of the streets because there are many visitors walking around these areas. I think we should improve the pedestrian pathways by growing trees, installing the lightning systems and decorating with flower because we would like Vientiane Capital to be a role model of "Hok Sor" or 6 principles: cleanliness, green, lightning systems...etc. We should focus on cleanliness and lightning systems. We would like lightning with 5 aspects: 1) lighting systems along the roads, 2) public spaces, 3) historic sites, 4) residential

areas, and 5) good mind and attitude of all Vientiane residents. I think we follow the six principles as the slogan for Vientiane Capital.

➤ I agree with approach number 1 for the general LUP/ZC approval.

• **Mr. Dedsongkham Thammavong, DG of Vientiane PWT:**

➤ I have different idea from the two proposed approaches. I suggest the third approach. MPWT and Vientiane Capital are responsible for authorization. The ministry can take care the general LUP because the ministry is a member of the government. The PM should only supervise the general LUP throughout the country.

➤ In regard to the pilot project, the pilot area covers only the selected area of the streets. I understand about the limitations in terms of budget amounts and time. We need to understand the positive and negative feedbacks from the residents for covering only the selected area.

➤ I would suggest the pilot project to cover the whole streets not just certain portions.

• **Ms. Phonesavanh PHENGSYDA, DG of PTI:**

➤ The terminal evaluation of the Project for Urban Development Management provides us lessons learned from actual implementation. We, PTI, together with DHUP and Vientiane DPWT have been collaborating and discussing about strengths and weaknesses, and things that we have to put efforts in order to follow the project's plan. This project serves the Government's policies in terms of capacity building for our sector officials and we found the Project is very useful which gives opportunities for knowledge transferred from the JICA experts to Lao officials, particularly preparation of detail LUP/ZC. The Project is therefore effective. Our technical members lack the experience in producing detailed LUP although we can produce the general LUP.

➤ We already proposed the plan for further approval but there are some difficulties. The PM approves the general LUP while the minister approves the general ZC. For the detailed LUP/ZC of inner zones, historic areas and city wall inside areas, the Vientiane Capital Administration approves. After approval for a certain trial period, we will implement enforcement. If we see any inconsistencies, we will meet together again to discuss the results of trial enforcement.

➤ I would propose the meeting to agree on the approval process. Our experts keep coming to ask us about the progress made on the approval procedure, but we still have not approved yet. I would propose for consent to support the implementation.

- In regard to pilot project, if we have a new project, we will continue for the whole sections of the two streets. Due limited budget and time, we should implement the pilot project first.
- **Mr. Khamthavy THAIPHACHANH, DG of DHUP:**
 - The Project is good in terms of progress made so far. I am also a member of JCC and know that the remaining project duration is truly short. The recommendation from the terminal evaluation team is about the leadership of Lao side, not just only PWT Department, DHUP and PTI but other stakeholders too.
 - The challenge remains for the Project is the absence of approval of general LUP/ZC. As the Head of PTI already mentioned, we still do not have an official promulgation.
 - I agreed with previous ideas that the PM signs the general LUP while the minister signs the general ZC. I agree to arrange the meeting again with Vientiane Capital.
 - The Governor can approve while the district governors can implement. The Governor of Vientiane Capital can issue the decision along with a trial period (trial enforcement period). We can disseminate information for public awareness together in parallel with improvement of management regulations. If we are successful, we will have references for further implementation at the ministerial level. We shall reach the consent in implementation as a role model and then replicate to other provinces nationwide.
- **Mr. Watanabe, JICA Expert:**
 - In regards to the pilot project, we selected some areas for physical improvement. The reason is that: this is called a pilot project. It means that we learn and share among stakeholders, public and private. The result of this can be used as the lessons learned for the development of the rest of the streets.

V. Closing

Final Wrap-Up & Closing Remark by Prof. Dr. Somphone:

- By receiving all of the participants' comments, I found they are all positive because this project is a pilot for developing a general LUP/ZC. I am also a member of the committee in drafting these documents and I found they are consistent. Roles are clear for both central and local authorities, particularly responsibilities of the detailed LUP/ZC. The district governors shall supervise these so that intangible results can become tangible.
- There was the feedback in the past that it is difficult to implement due to the lack of LUP. The remaining project duration is 6 months and we have to

approve the LUP. In contrast, if we do not approve, we will not have a tool to implement and to disseminate information for public awareness raising.

- Vientiane Capital has unique characteristics, and we have to consider not only economic growth but also cultural development and environmental protection by following the slogan of Vientiane Capital about the six principles. There are still many things that we have to take into account as the comment from the Department of Heritage.
- It is very crucial that the authorities of Vientiane Capital, districts and villages acknowledge and share the common understanding. The government agencies, especially DHUP, PTI, DPWT shall agree LUP/ZC, and report to Vientiane Capital authority. We shall share the common understanding and each of you also has the direct responsibility.
- The pilot project has started with limited time and limited budget.
- I agree with terminal evaluation findings, which mention the successful implementation of the Project.
- If the LUP is not approved for 5 years, activities of construction and excavation will be done without proper management tool. I highly appreciate the contributions by the Project and the team to achieve as planned.
- May I express my gratitude to the JICA experts for transferring valuable knowledge to the Lao officials, who also traveled to Japan for training. The cooperation and assistance will continue for the benefits and interests of Vientiane people to move towards sustainable development and to fulfill three pillars, namely economy, environment and society. We all look forward for the success of the project for the next 6 months. I would like to propose JICA to continue this kind support to Lao side and to scale up to other districts. May I wish JICA experts travelling from Thailand and Tokyo to have a safe trip, wish all of the participants good health and be successful. May I declare the closing of this 6th JCC Meeting.

- End of Discussion -

Attachment-1

List of participants for 6th Joint Coordination Committee Meeting
The Project for Urban Development Management

Date: May 17, 2016

Venue: Meeting Room at Vientiane Capital

No	Name	Position	Organization
1	Mr. Keophilavanh APHAYLATH	Vice Governor	Vientiane Capital Office
2	Prof. Dr. Somphone DETHUDOM	Minister Advisor	Cabinet, MPWT
3	Mr. Khamthavy THAIPHACHANH	Director General	Department of Housing and Urban Planning (MPWT)
4	Mr. Dethsongkham THAMMAVONG	Director General	Department of Public Work and Transport of Vientiane Capital (DPWT)
5	Ms. Phonesavanh PHENGSYDA	Director General	PTI
6	Ass. Prof. Dr. Aphisayadeth INSYSENGMAI	Deputy Director	PTI
7	Mr. Soubin PHOUTHAVONG		DPWT
8	Mr. Santana CHOUMMANYVONG		DHUP
9	Mr. Chanthasack BODTAPHANIT		PTI
10	Mr. Loumkham CHANHTHAPANYA	Technical Staff	DPWT
11	Mr. Thinnakone PHIMMAVONG	Technical Staff	DPWT
12	Mr. Somchit CHERZUATHOR	Technical Staff	PTI
13	Ms. Sonnathee PHAKOUNLOUANG	Technical Staff	PTI
14	Ms. Phonthida SOUVANNAPHENGSY	Technical Staff	Vientiane Capital Office
15	Mr. Lovanh NOUPHAPPHAVONGSY	Officer	Department of Industry and Commercial, VTE
16	Mr. Xonglao YANGNU	Director of Department	Department of Energy and Mine, VTE
17	Mr. Kesone THEPKHAMHEUANG	Deputy of Department	Department of Agriculture and Forest
18	Mr. Khamla THAMMAVONG	Deputy of Division	DONRE
19	Mr. Veingkeo SOUKSAVATDY	Deputy of Department	Department of Heritage, Ministry of Information, Culture, and Tourism
20	Mr. Phouthong SOUINTHONG	Head office	Chanthabouy District
21	Mr. Davanh THONNAVONGSA	Vice District Governor	Sisattanak District
22	Mr. Khamhaeng Douangsily	Vice District Governor	Saysatta District
23	Mr. Kane VILASAN	Vice District Governor	Hartsayfong District
24	Ms. Phouvieng KEOVONGVICHIT	Vice District Governor	Sikhodtabong District
25	Mr. Bountheung SOUVANNASY	Head office	OPWT of Chanthabouy District
26	Ms. Lakhon BOULOMMAVONG	Deputy Head office	OPWT of Sisattanak District

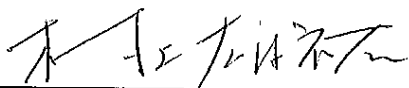
No	Name	Position	Organization
27	Mr. Deysa PHOMMASACK	Deputy Head office	OPWT of Saysatta District
28	Mr. Kor KHAMPHAMEUANG	Head of OPWT	OPWT of Sikhodtabong District
29	Ms. Saeda MAKIMOTO	Senior Representative	JICA Lao Office
30	Mr. Toru OGURA	Project Formulation Advisor	JICA Lao Office
31	Mr. Takase KURIHARA	Second secretary	EOJ
32	Mr. Susumu YUZURIO	Director	JICA
33	Mr. Naoki MINE	JICA Evaluation team	JICA Mission
34	Ms. Kinoko MITANI	JICA Evaluation team	JICA Mission
35	Mr. Damrong PHOMDOUANGSY	JICA Evaluation team	JICA Mission
36	Mr. Tomohiro HASEGAWA	JICA Expert	JICA Project
37	Mr. Kimihiro KONNO	JICA Coordinator	JICA Project
38	Mr. Akifumi WATANABE	Team Leader	PUDM JICA Project
39	Dr. Kongkeo PHAMMAVANH	Consultant	JICA Project
40	Ms. Vilayphone VONGPITH	Assistant	JICA Project
41	Mr. Bounmy ANOUSINH	Translator	JICA Project
42	Ms. Thodsakhone RAZMOUNTY	Secretary	JICA Project
43	Ms. PhayAkala CHANDENG	Secretary	JICA Project

MINUTES OF MEETING
ON
JOINT COORDINATION COMMITTEE MEETING (7) FOR
THE PROJECT FOR
URBAN DEVELOPMENT MANAGEMENT

Members of Joint Coordination Committee on the Project for Urban Development Management had an intensive discussion on the Project including project achievement, items to be done.

As a result of the discussions, record of meeting is attached hereon.

Vientiane, October 28, 2016



Mr. YUSUKE MURAKAMI

Chief Representative,
Japan International Cooperation Agency
Laos Office



Mr. KEOPHILAVANHAPHAYLATH

Vice Governor of Vientiane Capital

I. Outline of the meeting

- (1) Date : 28th October, 2016
- (2) Venue : Conference room of Vientiane Capital
- (3) Chairpersons:
- Lao Side: Mr. Keophilavanh Aphaylath, Vice Governor of Vientiane Capital
 - Japanese side: Mr. Murakami Yusuke, JICA Laos Office
- (4) Participants:
- Government Sectors of Laos,
 - Vientiane Capital,
 - District Offices,
 - Embassy of Japan, and
 - JICA Project Team
- (41 participants as listed in Attachment-1)
- (5) Agenda:
- (i) Opening
 - (ii) Achievement of the Project
 - (iii) Items to be done
 - (iv) Discussion
 - (v) Closing

II. Opening Remarks

- **Mr. Keophilavanh APHAYLATH, Vice Governor of Vientiane Capital:**
 - First of all with my respect to the Chief Representative of JICA Laos Office Yusuke Murakami, First Secretary from embassy of Japan in Laos Koji Yoshida, Head of PTI, DG/DDG, District Governors/Deputy-Governors. In the name of vice governor, thank you for participating the meeting and supporting this project. As we know, the Project for Urban Development Management in Vientiane Capital is one of projects supported by JICA to strengthen urban planning and development for our government officials. This project commenced in October, 2013. There have been achievements with efforts and contributions by the Japanese experts and Lao counterparts. To pursue the Project, the Government, particularly Vientiane Capital and MPWT, have paid close attention in guiding the Project through acknowledging the periodical reporting. The 7th JCC Meeting this morning

therefore has the key objective in providing us the updated progress and outputs' achievement as well as some issues.

- All participants are welcomed to share with us on approval process of the General LUP/ZC and Detailed LUP/ZC for inner zone and of city wall in Historic Area of Vientiane Capital, and Items to be done. Then JICA Laos Office will explain on revision of RD. There are three main topics guiding our discussion, therefore, may I urge all of you to share comments and recommendations in order to consolidate and develop for further references that will put into practices for the success of the remaining project's duration.
- May I express my appreciation to the all participants, the representative from JICA Laos Office and First Secretary from embassy of Japan in Laos. Once again may I wish our 7th JCC Meeting to be fruitfully successful.
- **Mr. Yusuke MURAKAMI Chief Representative of JICA Laos Office:**
 - It is my great pleasure to join the final JCC for the Project for Urban Development Management today. I would like to take this opportunity to express my sincere appreciation to all of the stakeholders of the Project for your continuous and generous support to implementation of the Project as well as efforts to hold today's committee.
 - As we know well, this Project was commenced from October 2013 and three years has already passed. This project activity is development management of Vientiane by building controlling. Project team drafted new control system for urban development. The coverage of Draft of General Land Use Plan and Zoning Code was enlarged area to 62,000 ha. In addition, project team has made the brochure, planning manual of Detail Land Use Plan and Zoning Code, operation manual and design reference book for Historic Area.
 - Finally, regarding soft and hard component of the pilot project for cityscape, we have conducted 2 times soft component as Vientiane Trials in 2015 and 2016. The construction work of hard component will be started in November.
 - Ladies and gentlemen, taking this opportunity of final JCC meeting. I would like to ask confirmation about the performance of followings: The first is process of authorization of general city plan of Vientiane capital including G-LUP/GZC and D-LUP/DZC. The second, we would like to hear when those documents will be issued. The third is to ask you to publicize the new system and regulation to related government sectors, private company and general citizen by utilizing manual, brochure, planning manual, operation manual and design reference book.

- I would like to close my remarks by expressing appreciation again to PTI and DHUP-MPWT and DPWT-VC for being supportive and committed partners, thank you for your kind attention.

III Presentation

(1) Achievements of the Project (1)

- Mr. Santana CHOUMMANIVONG, Deputy Director, Division of Urban Planning of DHUP, explained the output (1) of achievement: Review of Control Systems of Urban Development and Building Construction.

(2) Achievements of the Project (2)

- Mr. Bounlanh KANKHAMVONGSA, Director, Division of Housing & Urban Planning and Environment, DPWT, explained the output (2) to output (5) as follow: G-LUP/GZC, D-LUP/DZC, Enforcement works based on the new systems and regulation, and Pilot project.

(3) Items to be done

- Mr. Chanthasak Bottaphanith, Deputy Director, Division of Planning and Cooperation of PTI, explained authorization of legal documents remains as an uncompleted item of the Project, enforcement works based on the new systems and implementation expected to start after authorization, request for the Next Project to JICA, the outline and the progress of hard component of pilot project.

IV. Discussion

Comments and questions raised during discussion session are summarized below.

- **Prof. Dr. Bounleuam SISOULATH, Minister Assistant, Ministry of Public Works and Transport :**

- Multiple core city plan we have drafted before and these plans are related? Or difference? While those plans aren't approved by Government yet. It must impact to this plan, too. Because many projects are supported by JICA such as: urban transportation of VTE project in 2007-2008, sewerage drainage system project are not approved yet.
- Area of G-LUP is expanded about 3 times. So, I would like to propose project team to study and survey in detail on maximum number and design of buildings, and population of each zone. Infrastructure of each zone must be related closely to traffic and transportation.
- How to solve the current problem in VTE such as: drainage system and waste management plan?
- I agree with the idea to set center of VTE along Lanexang and Kaison Street.

- Please focus on preserving public space for green, park or water course by studying from Singapore.
- **Dr. Aphixayadeth INXIXIENGMAL, Deputy of PTI:**
 - In 2012, Master Plan 2030 was approved by Government. But it's not enough, because article 2 of the Law on urban planning specifies that urban planning consists of Land Use Plan and Zoning Code.
 - We've proposed the LUP/ZC in the party congress on 23 August, 2016 and it was approved officially.
 - On World Habitat Day on 3 October 2016, we've proposed the LUP/ZC and it was also approved.
 - Next step, we will prepare to propose the G-LUP/ZC to Vientiane Capital Assembly in this December.
 - Hopefully, JICA will support Lao government for the next project relating to building code.
- **Ms. Phonsavanh PHENGSIDA, DG of PTI:**
 - Multiple core city plan is related to this plan. We formulate LUP/ZC to propose to government for approval of multiple core city plan.
- **Dr. Somphon DETHOUDOM, Minister Advisor, MPWT:**
 - First of all, may I express my appreciation to project team to formulate the new regulation based on green and sustainability.
 - Content of the regulation should be related to Law in order to enforce easier. In my opinion some of Lao words in LUP/ZC make me confused. I propose to improve or revise Lao version of LUP/ZC by holding technical meeting with related sectors to make it understand easier and building consensus of specific words before propose it to Vientiane Capital Assembly.
 - I would like to propose JICA to help and support us to make VTE become green city and sustainable.
- **Mr. Tomohiro HASEGAWA, JICA Expert:**
 - General City plan (drafted in 2011) was agreed by the Government but is not officially approved yet. This project makes the new draft, and we expect the new draft be officially approved soon.
 - In page 18: As Prof. Dr. Bounleum mentioned that area of G-LUP is around 3 times larger than previous one. We estimate that current population in this area is around 500,000 people.
 - In page 19: The government will prohibit construction activities in Agriculture and Forestry area.
 - The draft of general city plan includes not only the general land use plan but also the infrastructure plan.
 - In page 40: There are building code and zoning code. Building code is a set of regulations from the viewpoint of safety, and zoning code is a set of

regulations from the viewpoint of city planning. Building code is not formulated in Laos yet. As long as I know, DHUP has the draft of building code. I expect that we will revise the draft of building code in the next project.

- **Mr. Yusuke MURAKAMI, Chief Representative, JICA Laos Office:**
 - In page 44, I would like to know which way is the best way for authorization? How long and when it will be approved?
- **Mr. Keophilavanh APHAYLATH, Vice Governor of Vientiane Capital:**
 - Our plan is proposing all document at once in this December to Vientiane Capital Assembly as following:
 - 1 G-LUP/ZC
 - 2 Development Vision of 5 cores of Vientiane Capital
 - 3 Water drainage system plan
 - 4 Green zone
- **Mr. Phouthasen AKKHAVONG, Deputy DG of DHUP:**
 - D-LUP/ZC is the key for solving recent problem of implementation.
 - I agree to collect G-LUP/ZC and water drainage system plan to propose at once.
 - In my opinion, we should build consensus by holding the discussion meeting between MPWT and Vientiane Capital Administration Office before proposing the document to Vientiane City Assembly (VCA).
 - Prepare and draft the document for decree and order.
 - Is there railway in the LUP? If there is, project team should add location and area of it.
 - In page 25, deep blue and light blue area use the word of “may be constructed”. In my opinion, we should use “can be constructed or prohibited” instead.
- **Prof. Dr. Bounluam SISOUATH, Minister Assistant, MPWT:**
 - I agree with Mr. Phouthasen to add or combine water drainage system plan to the LUP/ZC to propose at once.
- **Mr. Toru OGURA, Project Formulation Advisor, JICA Laos Office:**
 - Due to uncompleted hard component of pilot project. JICA will extend the project for 6 months until March of 2017. JICA expects the construction work of Pilot project will be started in November 2016.
 - The proposal for the new project of building code was submitted to the government of Japan and around January or February the government of Japan will reply the result officially.
 - I have 4 comments as following: First, regarding construction of building in inner zone, control system, detail land use plan and zoning code should be applied.. Second, many development activities have been planned, for example, along Vientiane 450 years road. For such development, it is

important to utilize urban planning certificate and land development permission to control development by developer. Third, formulation of building code is important to control construction of high tall building especially in terms of safety. Forth, detail land use plan and zoning code will be expanded and formulated to the outside of inner zone.

- **Mr. Dethsongkham THAMMAVONG, DG of DPWT:**
 - This project is extended to march 2017. So, I would suggest the pilot project to cover the whole streets not just certain portions.
- **Mr. Koji YOSHIDA, First Secretary, Embassy of Japan in Laos:**
 - This project is important for VTE development and the next project for building code.
 - This project will be completed in March 2017. Hopefully, we will continue implement the next project based on socio-economic development plan of Laos 2020 and Vision of master plan 2030.
 - I would like to know which way and when the Lao government will approve those important documents such as: General city plan, construction management regulation and detail land use plan.

V. Closing

Final Wrap-Up & Closing Remark by Mr. Keophilavanh APHAILATH.

- By receiving all of the participants' comments, I found they are all positive because this project is a pilot for developing a general LUP/ZC. I agree with these documents and I found they are consistent. Roles are clear for both central and local authorities, particularly responsibilities of the detailed LUP/ZC. The district governors shall supervise these so that intangible results can become tangible.
- We should add related tasks as comments and propose to government such as: drainage water system, water course, public transportation in historic area and inner zone.
- The pilot project has started with limited time and limited budget. Please continue hard component and complete it in remaining time of the project.
- Please improve the contents of regulation as comments of participants.
- May I express my gratitude to the JICA experts for transferring valuable knowledge to the Lao officials, who also traveled to Japan for training. The cooperation and assistance will continue for the benefits and interests of Vientiane people to move towards sustainable development. We all look forward for the success of the project for the next 6 months. I would like to propose JICA to continue this kind support to Lao side and to scale up to other districts. May I wish all of the participants good health and be successful. May I declare the closing of this 7th JCC Meeting.

- End of Discussion -

Attachment-1**List of participants for 7th Joint Coordination Committee Meeting
The Project for Urban Development Management**

Date: October 28, 2016

Venue: Meeting Room at Vientiane Capital

No	Name	Position	Organization
1	Mr. Keophilavanh APHAYLATH	Vice Governor	Vientiane Capital Office
2	Prof. Dr. Somphone DETHUDOM	Minister Advisor	Cabinet, MPWT
3	Mr. Dethsongkham THAMMAVONG	Director General	Department of Public Work and Transport of Vientiane Capital (DPWT)
4	Ms. Phonesavanh PHENGSYDA	Director General	PTI
5	Ass. Prof. Dr. Aphisayadeth INSYSENGMAI	Deputy Director	PTI
6	Mr. Phouthasen AKKHAVONG	Deputy DG	DHUP
7	Prof. Dr. Bounleuam SISOULATH	Minister Assistant	MPWT
8	Mr. Viengkham SISOUVONG	Division Director	DICT
9	Mr. Bounlanh KANEKHAMVONGSA	Director	Housing and Urban Planning Division, DPWT
10	Mr. Santana CHOUMMANYVONG	Deputy Director	Division of Urban Planning of DHUP
11	Mr. Chanthasack BODTAPHANIT	Deputy Director	Division of Planning and Cooperation of PTI
12	Mr. Lounkham CHANHTHAPANYA	Technical Staff	DPWT

No	Name	Position	Organization
13	Mr. Vientihane HANTHONGXAY	Technician	DPWT
14	Mr. Somchit CHERZUATHOR	Technical Staff	PTI
15	Ms. Sonnathee PHAKOUNLOUANG	Technical Staff	PTI
16	Ms. Khammoun PHILOMPHAET		DONRE
17	Mr. Kesone THEPKHAMHEUANG	Deputy DG	Department of Agriculture and Forest
18	Mr. Soulixay LUANGLATH	Technical Staff	Vientiane Capital Office
19	Mr. Phouvong VIENGVILAY	Technical Staff	DPWT
20	Mr. Bounxeng SOUVANNASY	Vice Head office	Chanthabouy District
21	Mr. Souvanthong APHAIYALATH	Vice District Governor	Sisattanak District
22	Mr. Phetsamorn TIEMTISAK	Deputy head office	OPWT of Hartsayfong District
23	Mr. Thavixay MAOSOMPHOU	Vice District Governor	Saysatta District
24	Ms. Phuangboun SAYYAVONG	Technical Staff	DONRE
25	Ms. Sopha DOUANGDALA	Deputy Head Office	Department of Energy and Mines
26	Mr. Sompang SIRISAK	Cabinet secretary	MPWT
27	Ms. Vanmany PHIMMASAN	Deputy DG	Department of Industry and Commerce
28	Mr. Vixay LAYVANHHAK	Head office	OPWT of Chanthabouy District
29	Ms. Lakhon BOULOMMAVONG	Deputy Head office	OPWT of Sisattanak District
30	Mr. Thavixay XAYPASETH	Head office	OPWT of Saysatta District

No	Name	Position	Organization
31	Mr. Kor KHAMPHAMEUANG	Head of OPWT	OPWT of Sikhodtabong District
32	Mr. Yusuke MURAKAMI	Chief Representative	JICA Laos Office
33	Mr. Toru OGURA	Project Formulation Advisor	JICA Laos Office
34	Mr. Kingsada SIPHANTHONG	APO	JICA
35	Mr. Koji YOSHIDA	First secretary	EOJ
36	Mr. Tomohiro HASEGAWA	JICA Expert	JICA Project
37	Mr. Kimihiro KONNO	JICA Coordinator	JICA Project
38	Mr. Akifumi WATANABE	Team Reader	PUDM JICA Project
39	Mr. Bounmy ANOUSINH	Translator	PUDM JICA Project
40	Ms. Thodsakhone RAZMOUNTY	Secretary	PUDM JICA Project
41	Ms. PhayAkala CHANDENG	Secretary	PUDM JICA Project

Attachment 9
PDM and PO

PROJECT DESIGN MATRIX (PDM) (Ver. 2) drafted by the Joint Terminal Evaluation Team on May 16, 2016

Project for Urban Development Management

Project term: 3 years

Applicant: PTI (Public Works and Transportation Institute)

Target area: Vientiane Capital

Implementation Agencies: PTI, DPWT (Dept. of Public Works and Transport, Vientiane Capital)

Narrative Summary	Objectively verifiable indicators	Means of verification	Important assumptions
<p><u>Overall Goal</u> Urban development in Vientiane Capital will be managed consistent with established City Plan</p>	<ul style="list-style-type: none"> - Newly-constructed buildings* are aligned with the revised City Plan. 	<ul style="list-style-type: none"> - Revised check list¹ for onsite inspection done by district level DPWT officers (OPWT) - Photos of the constructed buildings taken by DPWT - Building confirmation certificate issued by DPWT/OPWT and building drawings (copies) kept by DPWT/OPWT 	
<p><u>Project Purpose (revise if necessary)</u> The Capacity of staff regarding Urban Development in Vientiane Capital to implement Urban Planning and Development Management will be strengthened</p>	<ul style="list-style-type: none"> - Improvement of control system of urban development. - Improvement in construction monitoring and construction control enforcement. 	<p>Interview/Questionnaire to Vientiane Capital, DPWT, PTI, MPWT and NUOL</p>	<ul style="list-style-type: none"> - General Land Use Plan for Vientiane Capital will be authorized by Lao side - Draft Land Use Plan and Zoning Code in Inner Zone will be authorized
<p><u>Outputs (revise if necessary)</u></p> <p>1. Capacity on analyzing structure of legal documents related to urban development management and proposing improvement will be enhanced.</p> <p>2. Capacity on creating basic data base (land use plan) for urban development management will be enhanced.</p> <p>3. Capacity on urban planning of related agencies will be enhanced. (focus on Inner Zone and Historic Area)</p>	<p>1. Report proposing improvement of legal documents related to urban development management in Laos</p> <p>2. Updated land use plan with an area of 62,000 ha.</p> <p>3-1. Draft Land Use Plan and Zoning Code, and countermeasures for Inner Zone.</p> <p>3-2. Land Use Plan and Zoning Code including</p>	<p>Submitted documents from the Project for indicators 1 to 4-2, and 5-1, 5-2.</p> <p>Interview to DPWT for indicator 4-3.</p> <p>Physical component site for indicator 5-2.</p>	<ul style="list-style-type: none"> - Counterpart personnel will be kept stable during the course of the project - Lao authority will approve the Draft Land Use Plan and Zoning Code including Cityscape Code of the Historic Area.

¹ The check list is included in the construction certificate.

	Cityscape Code, and countermeasures for Historic Area.	Report of training	
4. Capacity on urban development control will be enhanced (focus on Historic Area).	4-1. Manual for monitoring and enforcement works. 4-2. One dissemination seminar. 4-3. Monitoring/enforcement activities		
5. Capacity on implementing cityscape projects will be enhanced through pilot project (focus on activities for cityscape in Historic Area).	5-1. Two non-physical components 5-2. One physical component.		
<u>Activities</u> 1-1. To collect and analyze documents related to urban development management in Laos and in Vientiane. 1-2. To clarify above mentioned documents, suggest points to be improved. 2-1. To confirm existing maps of land use plan in Vientiane Capital 2-2. To update information related to land use situation, including new urban development plan(s) in Vientiane Capital 2-3. To update Land Use Plan (at scale of 1/30,000) for the area of Vientiane Capital proposed by JICA Master Plan study in 2011, with an area of 62,000 ha. 2-4. To conduct training to staff related to urban development management. 3-1. To collect existing data, map, and usage, height, FAR, BCR, etc. buildings in Inner Zone. 3-2. To make: - draft of Detail LUP and ZC, and - proposal for new countermeasures against violations in the field of urban development, for Inner Zone with consensus making through stake holder meetings, and to submit for approval. 3-3. To conduct training to staff related to urban development management on technology in drafting LUP and ZC for an specific area. 3-4. To conduct survey on buildings in the Historic area. 3-5. To elaborate: - draft of Detail LUP and ZC (including Cityscape	<u>Inputs</u> Japanese experts: 1) Urban development management policy (long-term) 2) Urban development management technology (short-term) 3) Land use plan/zoning code (short-term) 4) Cityscape guidance (short-term) 5) Data base (GIS) (short-term) 6) Project coordinator (shared with Project for Urban Water Environment Improvement in Vientiane Capital) • Training of counterpart and beneficiaries including training abroad • Necessary equipment • Cost for implementation of survey • Cost for equipment and works for physical cityscape improvement Lao side: • Provision of office and equipment • Assignment of counterpart • Counterpart budget: administrative cost including transportation and utility	<u>Preconditions</u> - Lao side assigns proper counterpart personnel for the Project. - Lao side assigns allocate necessary counterpart budget for the Project.	

<p>Code), and - proposal for new countermeasures against violations in the field of urban development, for Historic Area with consensus making through stake holder meetings, and to achieve approval.</p> <p>4-1. To disseminate approved LUP and ZC (including Cityscape Code) to the residents in Historic Area through several methods.</p> <p>4-2. To make/improve manual for application of LUP and ZC (including Cityscape Code) in Historic Area.</p> <p>4-3. To apply LUP and ZC (including Cityscape Code) in Historic Area.</p> <p>4-4. To conduct training to staff related to urban development planning on application of LUP and ZC (including Cityscape Code) in Historic Area.</p> <p>5-1. To identify/select objectives of pilot project.</p> <p>5-2. To design the pilot project.</p> <p>5-3. To implement the pilot project.</p> <p>5-4. To conduct training on implementation of urban-environment-upgrading projects through pilot project.</p>		
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ANNEX VIII: PLAN OF OPERATIONS (PO)

Activities	Month (36 months in total)																																												
	Y2013			Y2014												Y2015												Y2016																	
	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36										
1. Analyzing structure of legal documents related to urban development management and proposing improvement																																													
1-1. To collect and analyze documents related to urban development management in Laos and in Vientiane.																																													
1-2. To clarify above mentioned documents, suggest points to be improved.																																													
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2-3. To update Land Use Plan (at scale of 1/30,000) for the area of Vientiane Capital proposed by JICA Master Plan study in 2011, with an area of 62,000 ha.																																													
2-4. To conduct training to staff related to urban development management.																																													
3. Enhancing urban planning capacity																																													
3-1. To collect existing data, map, and usage, height, FAR, BCR, etc. of buildings in Inner Zone.																																													
3-2. To make: - draft of Detail LUP/ZC, and - proposal for new countermeasures against violations in the field of urban development, for Inner Zone with consensus making through stake holder meetings, and To submit for approval.																																													
3-3. To conduct training to staff related to urban development management on technology in drafting LUP/ZC for an specific area.																																													
3-4. To conduct survey on buildings in Historic Area.																																													
3-5. To elaborate: - draft of Detail LUP/ZC (including Cityscape Code), and - proposal for new countermeasures against violations in the field of urban development, for Historic Area with consensus making through stake holder meetings, and To achieve approval																																													
4. Enhancing capacity on urban development control																																													
4-1. To disseminate approved LUP/ZC (including Cityscape Code) to the residents in Historical Area through several methods.																																													
4-2. To make/improve manual for application of LUP/ZC (including Cityscape Code) in Historic Area.																																													
4-3. To apply the Zoning Code and Cityscape Code in Historical area.																																													
4-4. To conduct training to staff related to urban development planning on application of LUP/ZC (including Cityscape Code) in Historical Area.																																													
5. Improving implementation capacity of cityscape refining activities																																													
5-1. To identify/select objectives of pilot project.																																													
5-2. To design of pilot project.																																													
5-3. To implement pilot project.																																													
5-4. To conduct training on implementation of urban-environment-upgrading projects through pilot project.																																													
Stake Holder Meeting									⊙		⊙						⊙				⊙																								
Joint Coordination Committee	▲							▲																																					

Completion of the Draft

Completion of the Draft Approval

Non-physical component
Physical component

Attachment 10

Record of Experts Dispatch

Project for Urban Development Management (Assignment Schedule) (Phase 1)

1. Field Activity

No	Name (Position)	No of Trips	2013			2014												2015					Days	MM	
			10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5			
1	Akifumi WATANABE Team Leader/Urban Development Management	Plan	7																				275	9.17	
		Actual	6	10/16	11/14	12/9	12/22	1/27	5/1	3/18	5/14	6/27	8/4	10/14	11/21			2/3	3/14	4/22	5/1			275	9.17
2	Kuniomi HIRANO Cityscape (1)/Cityscape Preservation/Creation	Plan	4																					119	3.97
		Actual	4				1/6	1/29			5/1		9/2	9/13	9/21	10/7	11/1	11/6	1/9	1/17	1/22	2/5		120	4.00
3	Akio ODAKE Cityscape (2)/Historic Area Preservation	Plan	4																					100	3.33
		Actual	3	11/7	11/22					5/11	5/20		9/6	10/3					1/8	2/21				99	3.30
4	Minoru MATSUI Land Use Planning/Zoning Code	Plan	6																					120	4.00
		Actual	8	11/18	12/17		2/5	2/17	2/20	3/24	4/7	5/22	5/30	6/12	5/21	8/14	9/16	9/19		12/4	12/26			143	4.77
5	Kuniomi HIRANO Pilot Project Plan/Implementation (1) (Cityscape/Public Space)	Plan	1																					21	0.70
		Actual	1																	10/14	10/31	1/6	1/8	3	21
5	Akio ODAKE Pilot Project Plan/Implementation (2) (Building Conservation/Utilization)	Plan	1																					20	0.67
		Actual	1																	12/1				20	0.67
5	Mayumi GOTO Pilot Project Plan/Implementation (3) (Consensus Building)	Plan	1																					49	1.63
		Actual	1																	1/6	1/31	2/1	2/3	26	0.87
6	Chikara UCHIDA GIS Database/coordinator 1	Plan	3																					105	3.50
		Actual	3	11/18	12/17		1/20	2/28		5/8	6/11													105	3.50
7	Yoko KITAUCHI Social and environmental consideration/coordinator 2	Plan	4																					97	3.23
		Actual	3	11/7	11/20					6/9	7/2		9/9	10/8						2/19	3/19			97	3.23

Field Activities Sub-Total	Plan	906	30.2
	Actual	906	30.2

2. Home Assignment

1	Akifumi WATANABE Team Leader/Urban Development Management	Plan																						2	0.10	
		Actual		11/11																					2	0.10
2	Kuniomi HIRANO Cityscape (1)/Cityscape Preservation/Creation	Plan																							2	0.10
		Actual				1/7	8																		2	0.10

Plan
 Actual: Field
 Actual: Home Assignment
 Actual: Non contract
 Actual:

Home Assignment Sub-Total	Plan	4	0.2
	Actual	4	0.2

Total	Plan	30.4
	Actual	30.4

Project for Urban Development Management (Assignment Schedule) (Phase 2)

1. Field Activity

	Name (Position)	格付	No of Trips	2015												2016												Days	MM
				8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3						
1	Akifumi WATANABE Team Leader/Urban Development Management	2	Plan	[Gantt bars showing planned field trips]												90	3.00												
			Actual	[Gantt bars showing actual field trips with dates]												94	3.13												
2	Kuniomi HIRANO Cityscape (1)/Cityscape Preservation/Creation (3)	3	Plan	[Gantt bars showing planned field trips]												90	3.00												
			Actual	[Gantt bars showing actual field trips with dates]												75	2.50												
3	Hideki SATO Cityscape (2)/Historic Area Preservation (3)	3	Plan	[Gantt bars showing planned field trips]												72	2.40												
			Actual	[Gantt bars showing actual field trips with dates]												82	2.73												
4	Minoru MATSUI Land Use Planning/Zoning Code (3)	4	Plan	[Gantt bars showing planned field trips]												51	1.70												
			Actual	[Gantt bars showing actual field trips with dates]												51	1.70												
5	Mayumi GOTO Pilot Project Plan/Implementation (4)(Hard Component, Consensus Building)	4	Plan	[Gantt bars showing planned field trips]												57	1.90												
			Actual	[Gantt bars showing actual field trips with dates]												57	1.90												
6	Hideyuki Ishii Pilot Project Plan/Implementation (4)(Hard Component, Landscape)	4	Plan	[Gantt bars showing planned field trips]												30	1.00												
			Actual	[Gantt bars showing actual field trips with dates]												15	0.50												
7	Yoshifumi HOSHIAI Plan/Implementation (4)(Hard Component, Supervision)	4	Plan	[Gantt bars showing planned field trips]												30	1.00												
			Actual	[Gantt bars showing actual field trips with dates]												23	0.77												
8	Chikara UCHIDA GIS Database/coordinator 1	5	Plan	[Gantt bars showing planned field trips]												0	0.00												
			Actual	[Gantt bars showing actual field trips with dates]												0	0.00												
9	Yoko KITAUCHI Social and environmental consideration/coordinator 2	4	Plan	[Gantt bars showing planned field trips]												0	0.00												
			Actual	[Gantt bars showing actual field trips with dates]												0	0.00												
			Field Activities Sub-Total																				Plan	420	14.0				
																							Actual	397	13.23				

2. Home Activity

1	Akifumi WATANABE Team Leader/Urban Development Management	2	Plan	[Gantt bars showing planned home assignment]																				4	0.20
			Actual	[Gantt bars showing actual home assignment]																				8	0.40
2	Kuniomi HIRANO Cityscape (1)/Cityscape Preservation/Creation (3)	3	Plan	[Gantt bars showing planned home assignment]																				4	0.20
			Actual	[Gantt bars showing actual home assignment]																				15	0.75
6	Hideyuki Ishii Pilot Project Plan/Implementation (4)(Hard Component, Landscape)	4	Plan	[Gantt bars showing planned home assignment]																				4	0.20
			Actual	[Gantt bars showing actual home assignment]																				4	0.20
			Home Assignment Sub-Total																				Plan	12	0.6
																							Actual	27	1.35

Plan
 Actual: Field
 Actual: Home Assignment
 Actual: Non contract
 Actual:

Total	Plan	14.6
	Actual	14.58