




បទដ្ឋានគំនូរបច្ចេកទេសនៃផ្លូវទីប្រជុំជន

UNBAN ROAD STANDARD DRAWINGS

បទដ្ឋានគំនូរបច្ចេកទេសផ្លូវទីក្រុង

URBAN ROAD STANDARD DRAWINGS

| | | | | | | | | | |
|-----|----------|------|-----------|--|---|--|--------------------------------|---------------------------------|--------|
| | | | DESIGNED: | |  | KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: |
| | | | CHECKED: | | | | DRAWING TITLE: | DRAWING NO: / | |
| No. | REVISION | DATE | APPROVED: | | | | URBAN ROAD STANDARD DRAWINGS ✓ | | |

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ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ
កម្ពុជា

ក្រសួងសាធារណការ និងដឹកជញ្ជូន
លេខ ០៣៤.០៤.២០ សក អច

ថ្ងៃចេញផ្សាយ ០៧/០៤/២០២០ ឆ្នាំកុរ ឯកស័ក ព.ស២៥៦៣
រាជធានីភ្នំពេញ ថ្ងៃទី ១១ ខែ មេសា ឆ្នាំ ២០២០

ប្រកាស
ស្តីពី

ការដាក់ឱ្យប្រើប្រាស់នូវការបំពេញបន្ថែមគំនូររូងបច្ចេកទេស ផ្លូវទីប្រជុំជន
(Standard Drawings of Urban Road)

នៅក្នុងបទដ្ឋានគំនូររូងបច្ចេកទេសផ្លូវទីប្រជុំជន និងស្ពាន
សម្រាប់ប្រើប្រាស់ជាផ្លូវការ

ទេសរដ្ឋមន្ត្រី រដ្ឋមន្ត្រីក្រសួងសាធារណការ និងដឹកជញ្ជូន

- បានឃើញរដ្ឋធម្មនុញ្ញនៃព្រះរាជាណាចក្រកម្ពុជា
- បានឃើញព្រះរាជក្រឹត្យលេខ នស/រកត/០៩១៨/៩២៥ ចុះថ្ងៃទី ០៦ ខែកញ្ញា ឆ្នាំ ២០១៨ ស្តីពីការតែងតាំងរាជរដ្ឋាភិបាលកម្ពុជា នៃព្រះរាជាណាចក្រកម្ពុជា
- បានឃើញព្រះរាជក្រមលេខ នស/រកម/០៦១៨/០១២ ចុះថ្ងៃទី ២៨ ខែមិថុនា ឆ្នាំ ២០១៨ ដែលប្រកាសឱ្យប្រើច្បាប់ស្តីពីការរៀបចំ និងការប្រព្រឹត្តទៅនៃគណៈរដ្ឋមន្ត្រី
- បានឃើញព្រះរាជក្រមលេខ នស/រកម/០១៩៦/០៣ ចុះថ្ងៃទី ២៤ ខែមករា ឆ្នាំ ១៩៩៦ ដែលប្រកាសឱ្យប្រើច្បាប់ស្តីពីការបង្កើតក្រសួងសាធារណការ និងដឹកជញ្ជូន
- បានឃើញព្រះរាជក្រមលេខ នស/រកម/០៥១៤/០០៨ ចុះថ្ងៃទី ០៤ ខែឧសភា ឆ្នាំ ២០១៤ ដែលប្រកាសឱ្យប្រើច្បាប់ស្តីពីផ្លូវថ្នល់
- បានឃើញអនុក្រឹត្យលេខ ២១៦ អនក្រ.បក ចុះថ្ងៃទី ១៣ ខែតុលា ឆ្នាំ ២០១៦ ពីការរៀបចំ និងការប្រព្រឹត្តទៅរបស់ក្រសួងសាធារណការ និងដឹកជញ្ជូន
- យោងប្រកាសលេខ ៥១១ ប្រក.សក បបស ចុះថ្ងៃទី ២៥ ខែ តុលា ឆ្នាំ ២០១២ ស្តីពីការកំណត់ឱ្យប្រើប្រាស់ជាផ្លូវការនូវ “បទដ្ឋានគោលការណ៍ណែនាំបទប្បញ្ញត្តិ និងបទដ្ឋានគំនូររូងបច្ចេកទេសផ្លូវថ្នល់ និងស្ពាន”
- យោងតាមការចាំបាច់របស់ក្រសួងសាធារណការ និងដឹកជញ្ជូន

សម្រេច

ប្រការ ១ ដាក់ឱ្យប្រើប្រាស់នូវគំនូររូងបច្ចេកទេសផ្លូវទីប្រជុំជន (Standard Drawings of Urban Road) ដូចមានក្នុងគំនូររូងភ្ជាប់មកជាមួយសម្រាប់បំពេញបន្ថែមនៅក្នុងគំនូររូងបច្ចេកទេស ដែលកំពុងអនុវត្តបទដ្ឋានគំនូររូងបច្ចេកទេសផ្លូវថ្នល់ និងស្ពាន (Standard Drawings) សម្រាប់ការសិក្សាគណនា និងរៀបចំគម្រោងផ្លូវទីប្រជុំជន ។

ប្រការ ២ ឆ្លើយតបខ្ពស់ក្នុងការអនុវត្តនៃអគ្គនាយកដ្ឋានរដ្ឋបាល និងហិរញ្ញវត្ថុ អគ្គនាយកដ្ឋានសាធារណការ អគ្គនាយកដ្ឋានបច្ចេកទេស និងសមត្ថកិច្ចគ្រប់គ្រងផ្លូវថ្នល់ មានភារកិច្ចរៀងៗខ្លួន ទទួលបន្ទុកអនុវត្តប្រកាសនេះ ចាប់ពីថ្ងៃចុះហត្ថលេខាតទៅ ។

ទេសរដ្ឋមន្ត្រី

រដ្ឋមន្ត្រីក្រសួងសាធារណការ និងដឹកជញ្ជូន


ស៊ុន ចាន់ថុល

ចម្លងជូន

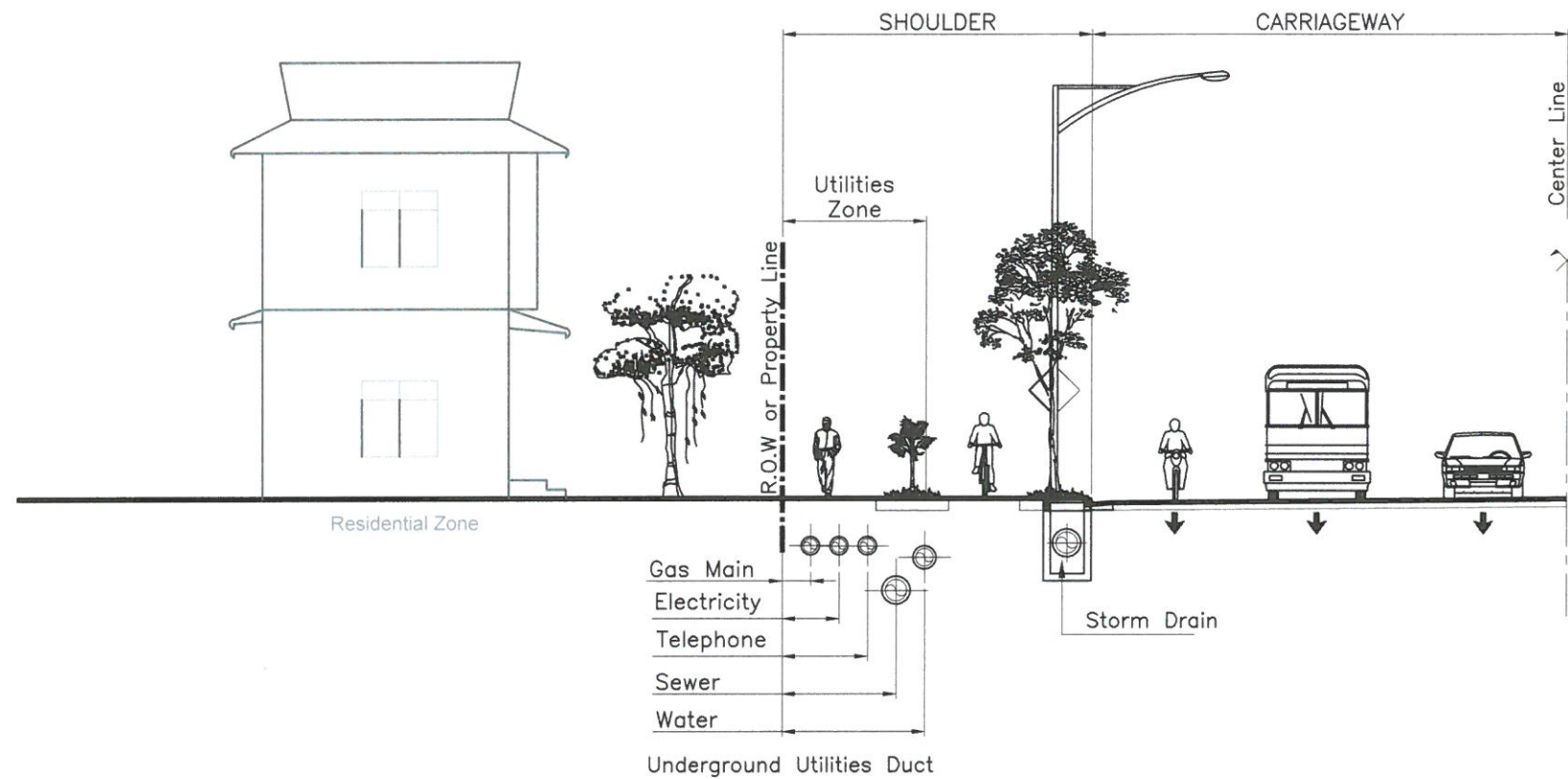
- អគ្គលេខាធិការដ្ឋានព្រឹទ្ធសភា
- អគ្គលេខាធិការដ្ឋានរដ្ឋសភា
- ខុទ្ទកាល័យ សម្តេចតេជោនាយករដ្ឋមន្ត្រី
- ខុទ្ទកាល័យ ឯកឧត្តម លោកជំទាវ ឧបនាយករដ្ឋមន្ត្រី
- គ្រប់ក្រសួង ស្ថាប័ន
- គ្រប់រដ្ឋបាលរាជធានី-ខេត្ត “ដើម្បីជូនជ្រាប”
- គណៈវិស្វកម្មកម្ពុជា
- ដូចប្រការ ២ “ដើម្បីអនុវត្ត”
- ឯកសារ-កាលប្បវត្តិ

CONTENT

| | | |
|---------------------------------------|---|------------|
| 1- Typical Cross Section of Utility ✓ | | S2-UR-01 ✓ |
| 2 - Class U6 : Expressway ✓ | | |
| 2.1 - ✓ | 8L-Type A : (Median 3.5m) + Shoulder (Bicy + Pedes) | S2-UR-02 ✓ |
| 2.2 - ✓ | 8L-Type B : (Median 3.5m) + Shoulder (NoN) | S2-UR-03 ✓ |
| 2.3 - ✓ | 6L-Type A : (Median 3.5m) + Shoulder (Bicy + Pedes) | S2-UR-04 ✓ |
| 2.4 - ✓ | 6L-Type B : (Median 3.5m) + Shoulder (Non) | S2-UR-05 ✓ |
| 2.5 - ✓ | 6L-Type C : (Median 3.5m) + Shoulder (Fronta + Pedes) | S2-UR-06 ✓ |
| 2.6 - ✓ | 4L : (Median 3.5m) + Shoulder (Non) | S2-UR-07 ✓ |
| 3- Class U5 : Arterial ✓ | | |
| 3.1 - ✓ | 6L-Type A : (Median 3.0m) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-08 ✓ |
| 3.2 - ✓ | 6L-Type B : (Median 3.0m) + Shoulder (Bicy + Pedes) | S2-UR-08 ✓ |
| 3.3 - ✓ | 6L-Type C : (Median 3.0m) + Shoulder (Fronta + Pedes) | S2-UR-09 ✓ |
| 3.4 - ✓ | 4L-Type A : (Median 3.0m) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-10 ✓ |
| 3.5 - ✓ | 4L-Type B : (Median 3.0m) + Shoulder (Bicy + Pedes) | S2-UR-10 ✓ |
| 3.6 - ✓ | 4L-Type C : (Median 3.0m) + Parking + Shoulder (Bicy + Pedes) | S2-UR-11 ✓ |
| 4 - Class U4 : Arterial ✓ | | |
| 4.1 - ✓ | 6L-Type A : (Median 1.5m) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-12 ✓ |
| 4.2 - ✓ | 6L-Type B : (Median 1.5m) + Shoulder (Bicy + Pedes) | S2-UR-12 ✓ |
| 4.3 - ✓ | 6L-Type C : (Median 1.5m) + Shoulder (Fronta + Pedes) | S2-UR-13 ✓ |
| 4.4 - ✓ | 4L-Type A : (Median 1.5m) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-14 ✓ |
| 4.5 - ✓ | 4L-Type B : (Median 1.5m) + Shoulder (Bicy + Pedes) | S2-UR-14 ✓ |
| 4.6 - ✓ | 4L-Type C : (Median 1.5m) + Parking + Shoulder (Bicy + Pedes) | S2-UR-15 ✓ |
| 5 - Class U3 : Collector ✓ | | |
| 5.1 - ✓ | 4L-Type A : (Non Median) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-16 ✓ |
| 5.2 - ✓ | 4L-Type B : (Non Median) + Shoulder (Bicy + Pedes) | S2-UR-16 ✓ |
| 5.3 - ✓ | 2L-Type A : (Non Median) + Motorbike + Shoulder (Bicy + Pedes) | S2-UR-17 ✓ |
| 5.4 - ✓ | 2L-Type B : (Non Median) + Parking + Shoulder (Pedes) | S2-UR-17 ✓ |
| 6 - Class U2 : Collector ✓ | | |
| 6.1 - ✓ | 2L-Type A : (Non Median) + Shoulder (Bicy + Pedes) | S2-UR-18 ✓ |
| 6.2 - ✓ | 2L-Type B : (Non Median) + Shoulder (Pedes) | S2-UR-18 ✓ |
| 7 - Class U1 : Local ✓ | | |
| 7.1 - ✓ | 1L-Type A : (Two Way) + Shoulder (Bicy + Pedes) | S2-UR-19 ✓ |
| 7.2 - ✓ | 1L-Type B : (One Way) + Shoulder (Pedes) | S2-UR-19 ✓ |
| 8 - Typical Bus Layby ✓ | | S2-UR-20 ✓ |

| | | | | | | | | | |
|-----|----------|------|-----------|--|--|----------------|--|---------------------------------|-------------|
| | | | | | | | | | |
| | | | DESIGNED: | |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: |
| | | | CHECKED: | | | DRAWING TITLE: | | URBAN ROAD STANDARD DRAWINGS | DRAWING NO: |
| | | | APPROVED: | | | | | | |
| No. | REVISION | DATE | | | | | | | |


TYPICAL CROSS SECTION OF URBAN ROAD
WITH UTILITIES



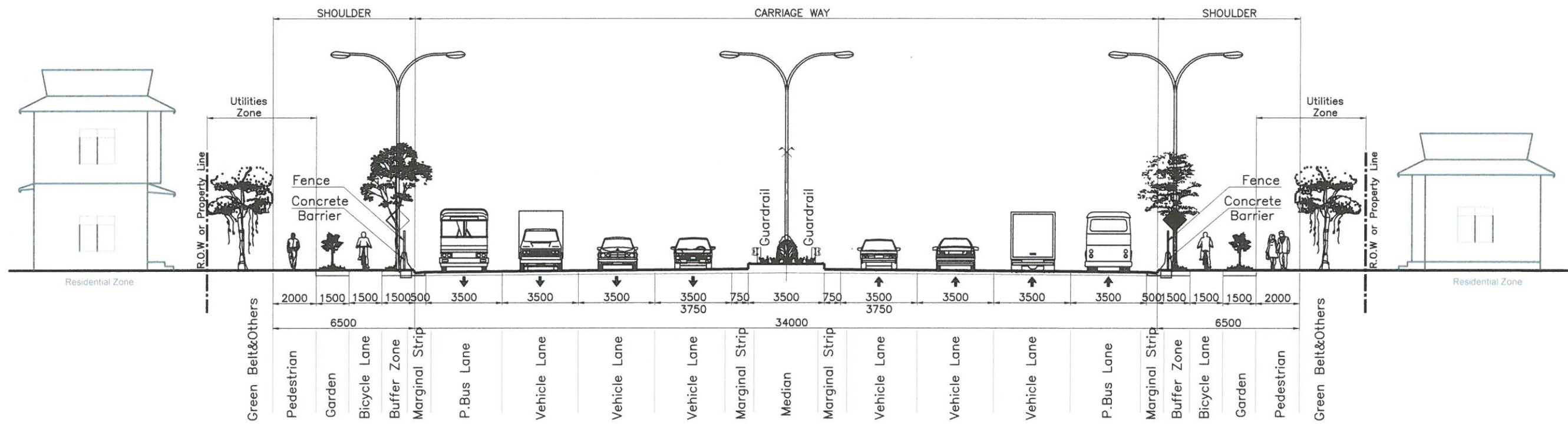
Note :

- 1- The position of utilities within road reserves is shown in the below table.
- 2- The position of utilities depends on the site situation (width of Shoulder)
- 3- The position of Utilities may be adjusted as directed by the Engineer.
- 4- The longitudinal drainage structure shown in this drawing is a guidance only. For drainage requirement suitability, the drainage structure shall be resized or substituted with the other drainage structure ✓ as directed by the Engineer. ✓

| Shoulder (Metre) | Distance of utilities from Property Boundary (Metre) | | | | |
|---------------------|--|-------------|-----------|-------|-------|
| | Gas Main Pipe | Electricity | Telephone | Sewer | Water |
| >3 | 0.6 | 1.2 | 1.8 | 2.4 | 3 |
| >2.2<3 | 0.4 | 1.0 | 1.0 | 1.6 | 2.2 |

| | | | | | | | | | |
|-----|----------|------|-----------|--|--|-------------------------------|--|---------------------------------|---------------------------|
| | | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: Not to scale |
| | | | CHECKED: | | | DRAWING TITLE: UTILITIES ✓ | | | DRAWING NO: S2-UR-01 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | | |


ប្លង់មុខកាត់ទីផ្លូវ សម្រាប់តំបន់វិប្បដ្ឋាន
ចំណាត់ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន
 Class U6 : Expressway



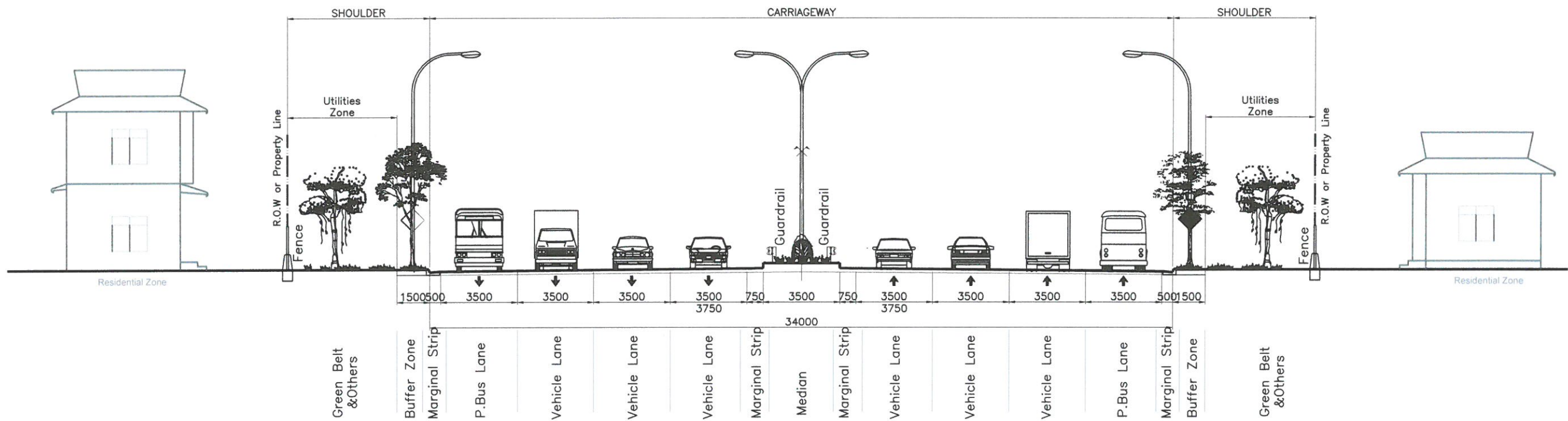
Class U6 : Expressway - Eight Lanes (Type A)

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
 C-PUBLIC BUS LANE : 3.50M ✓
3. MEDIAN : 3.50M ✓
4. SPEED : 60-100Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
6. THE CONCRETE BARRIER & FENCE IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE BUFFER ZONE .
7. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN . ✓

| | | | | | | | | |
|-----|----------|-----------|-----------|---|----------|--|---|---------------------------|
| | | DESIGNED: | |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: Class U6 : Expressway ✓ | DRAWING NO: S2-UR-02 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | |


ប្រតិបត្តិការសាងសង់ និង ប្រតិបត្តិការ
ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន
 Class U6 : Expressway



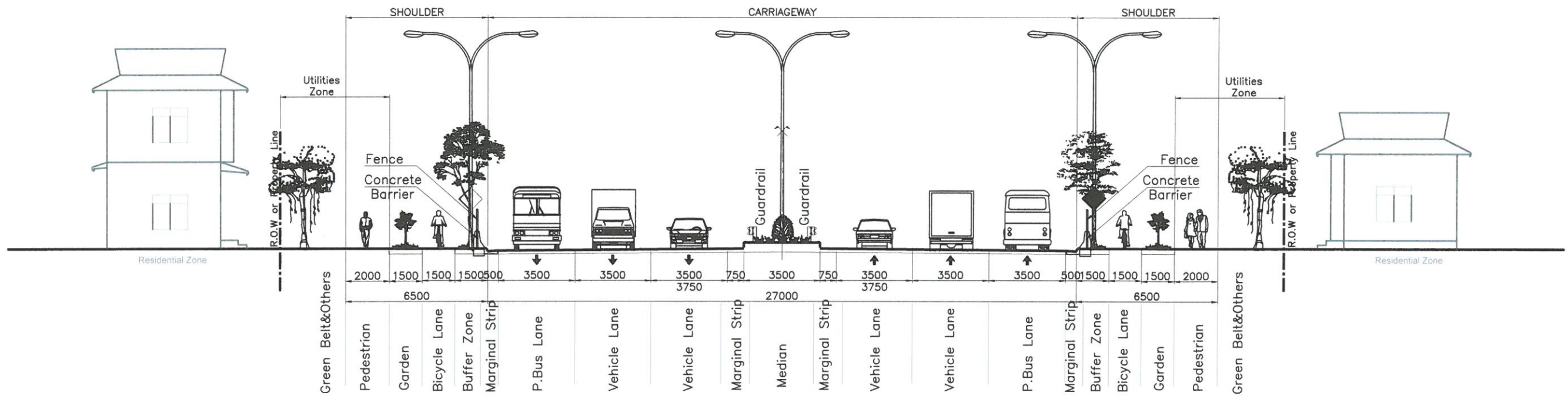
Class U6 : Expressway - Eight Lanes (Type B) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
 C-PUBLIC BUS LANE : 3.50M ✓
3. MEDIAN : 3.50M ✓
4. SPEED : 60-100Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
6. THE FENCE IS BUILT AT THE WIGHT OF WAY
7. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN . ✓

| | | | | | | | | |
|-----|----------|-----------|--|--|----------|--|---------------------------------|-------------------|
| | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: | DRAWING NO: |
| | | APPROVED: | | | | | Class U6 : Expressway ✓ | S2-UR-03 ✓ |
| No. | REVISION | DATE | | | | | | |

ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីប្រជុំជន
ចំណាត់ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន
 Class U6 : Expressway



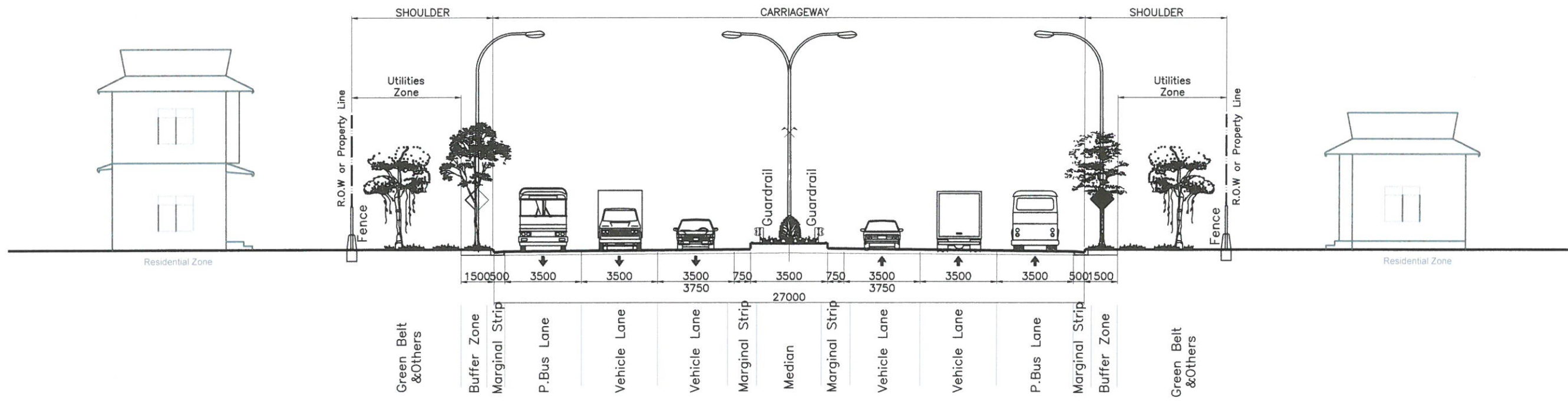
Class U6 : Expressway - Six Lanes (Type A) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
 C-PUBLIC BUS LANE : 3.50M ✓
3. MEDIAN : 3.50M ✓
4. SPEED : 60-100Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
6. THE CONCRETE BARRIER & FENCE IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE BUFFER ZONE .
7. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN . ✓


| | | | | | | | | |
|-----|----------|-----------|--|--|----------|--|---------------------------------|-------------------|
| | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: | DRAWING NO: |
| | | APPROVED: | | | | | Class U6 : Expressway ✓ | S2-UR-04 ✓ |
| No. | REVISION | DATE | | | | | | |

រដ្ឋប្បវេណីក្រសួងសាងសង់ និង ប្រឹក្សាស្ថាប័ន
ចំណាត់ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន
 Class U6 : Expressway

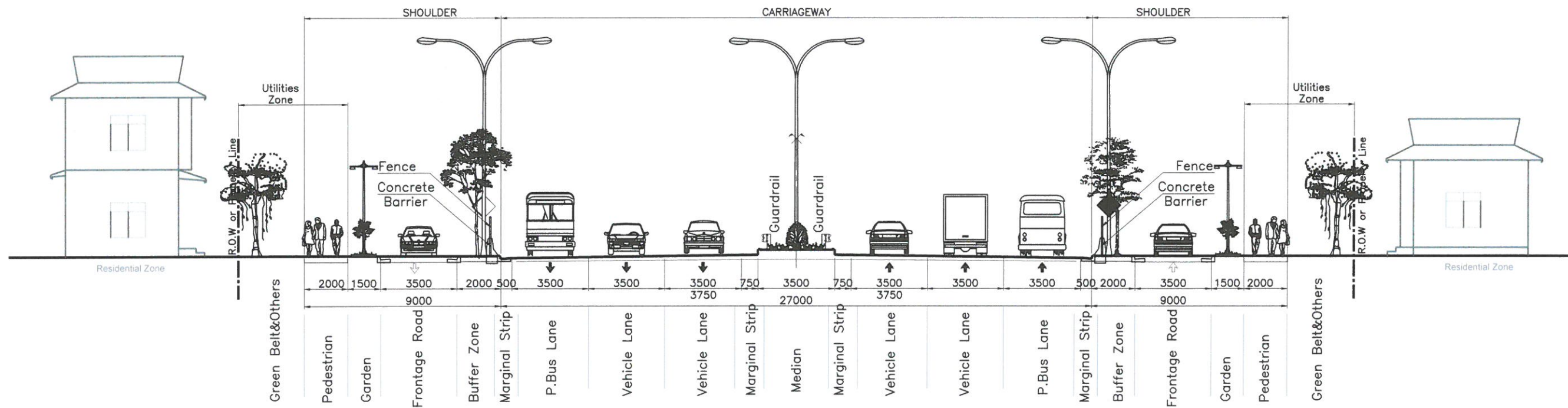


Class U6 : Expressway - Six Lanes (Type B) ✓

- NOTE:**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
 C-PUBLIC BUS LANE : 3.50M ✓
 3. MEDIAN : 3.50M ✓
 4. SPEED : 60-100Km/h ✓
 5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
 6. THE FENCE IS BUILT AT THE WIGHT OF WAY
 7. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN AND BUFFER ZONE . ✓

| | | | | | | | | | |
|-----|----------|-----------|-----------|--|----------|--|---------------------------------|---|---------------------------|
| | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 | |
| | | CHECKED: | | | | | | DRAWING TITLE: Class U6 : Expressway ✓ | DRAWING NO: S2-UR-05 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | | |


ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់គំរូបង់ទីប្រជុំជន
ចំណាត់ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន
 Class U6 : Expressway



Class U6 : Expressway - Six Lanes With Frontage Road (Type C) ✓

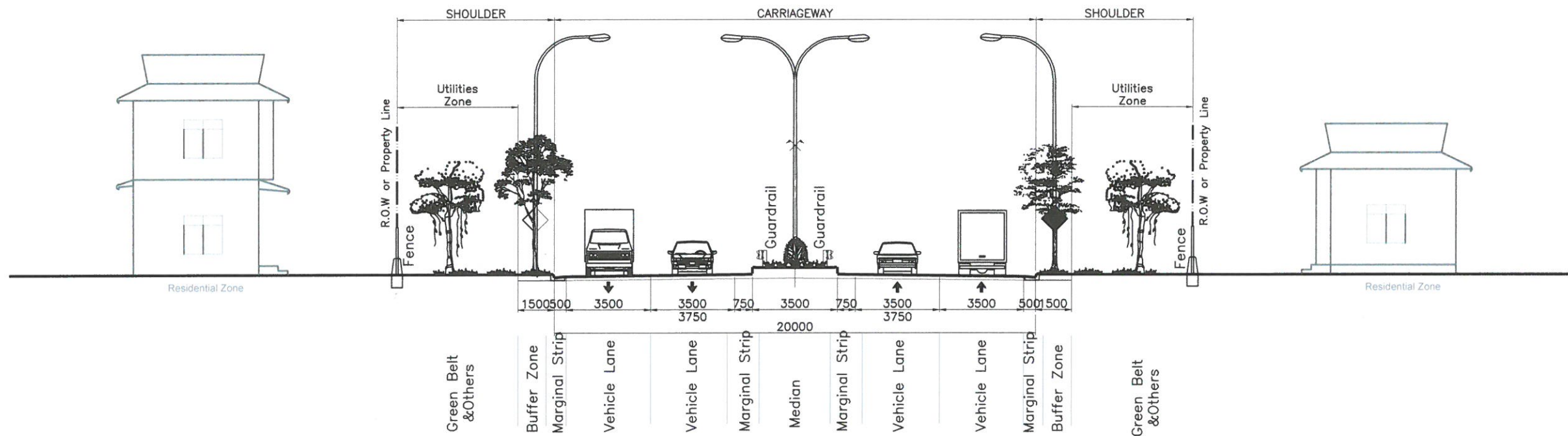
NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
 C-PUBLIC BUS LANE : 3.50M ✓
 D-FRONTAGE ROAD : 3.50M (Minimum) ✓
3. MEDIAN : 3.50M
4. SPEED : 60-100Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
6. OPENINGS OF OUTER SEPARATION FOR CONNECTION BETWEEN MAIN ROAD AND FRONTAGE ROAD SHALL BE PROVIDED AT LEAST 60m INTERVAL.
7. THE CONCRETE BARRIER & FENCE IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE BUFFER ZONE .
8. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN . ✓

| | | | | | | | | |
|-----|----------|-----------|-----------|--|----------|--|---|---------------------------|
| | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: Class U6 : Expressway ✓ | DRAWING NO: S2-UR-06 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | |

ប្លង់មុខកាត់ទី១ ផ្លូវ សម្រាប់គំរូបង់ប្រជុំ
 ចំណាត់ថ្នាក់ U6 : ប្រភេទមហាវិថីល្បឿនលឿន

Class U6 : Expressway



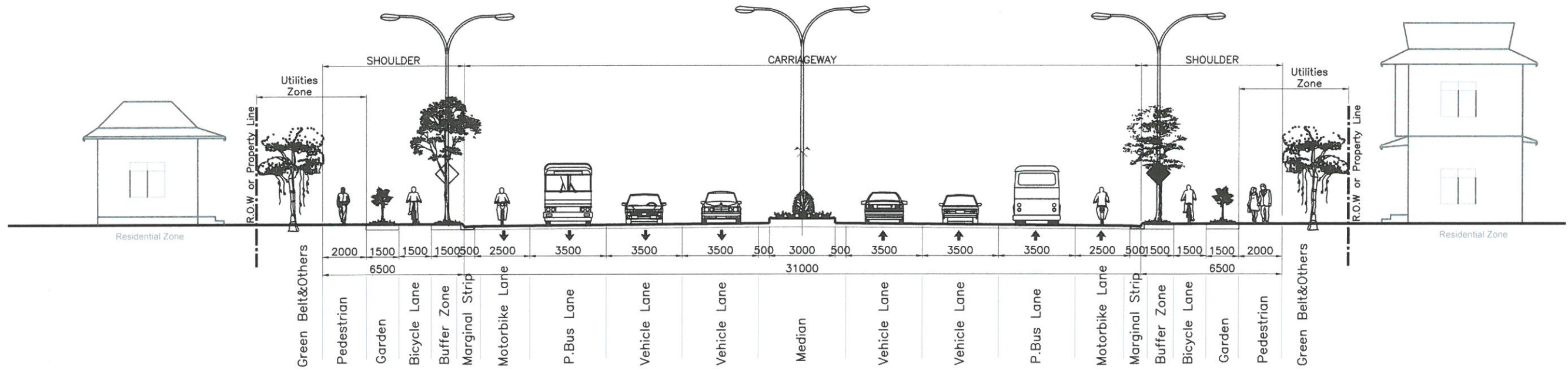
Class U6 : Expressway - Four Lanes ✓

NOTE:

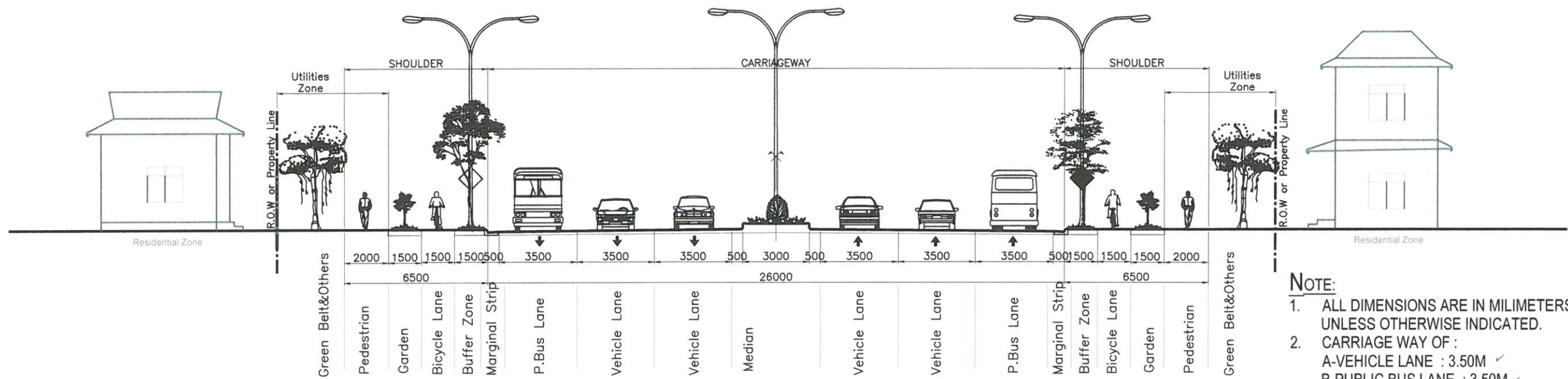
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-LANE BY TO MEDIAN : 3.50 - 3.75M ✓
3. MEDIAN : 3.50M ✓
4. SPEED : 60-100Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)
6. THE FENCE IS BUILT AT THE WIGHT OF WAY
7. THE GUARDRAIL IS BUILT AT THE DISTANCE OF 0.50M FROM THE KERB OF THE MEDIAN AND BUFFER ZONE . ✓

| | | | | | | | |
|-----|----------|------|-----------|---|----------|---|---------------------------|
| No. | REVISION | DATE | DESIGNED: |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | | CHECKED: | | | DRAWING TITLE: Class U6 : Expressway ✓ | DRAWING NO: S2-UR-07 ✓ |
| | | | APPROVED: | | | | |

ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីក្រុង
 ចំណាត់ថ្នាក់ U5 : ប្រភេទមហាវិថី
 Class U5 : Arterial




Class U5 : Arterial - Six Lanes With Motorbike Lane (Type A) ✓



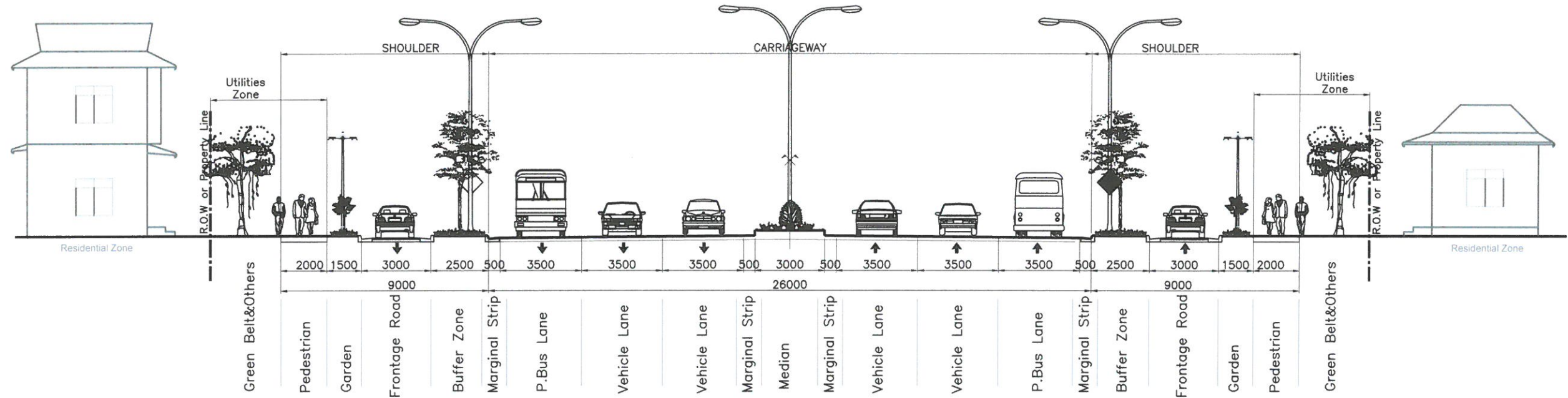
Class U5 : Arterial - Six Lanes (Type B) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PUBLIC BUS LANE : 3.50M ✓
 C-MOTORBIKE LANE : 2.5M ✓
4. MEDIAN : 3.00M ✓
5. SPEED : 60-80 Km/h ✓
6. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | |
|-----|----------|------|-----------|---|---|---------------------------------|-------------------|
| No. | REVISION | DATE | DESIGNED: |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | | CHECKED: | | DRAWING TITLE: Class U5 : Arterial ✓ | DRAWING NO: S2-UR-08 ✓ | |
| | | | APPROVED: | | | | |


ប្លង់ប្រកាសទិសដៅ សម្រាប់គំរូស្តង់ដារ
ចំណាត់ថ្នាក់ U5 : ប្រភេទមហាវិថី
 Class U5 : Arterial



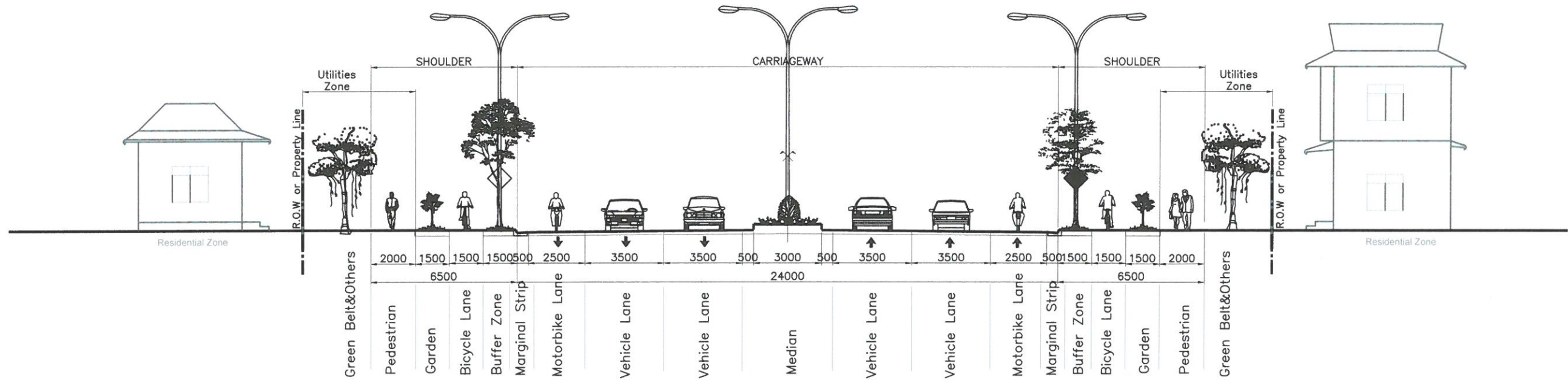
Class U5 : Arterial - Six Lanes With Frontage Road (Type C) ✓

NOTE:

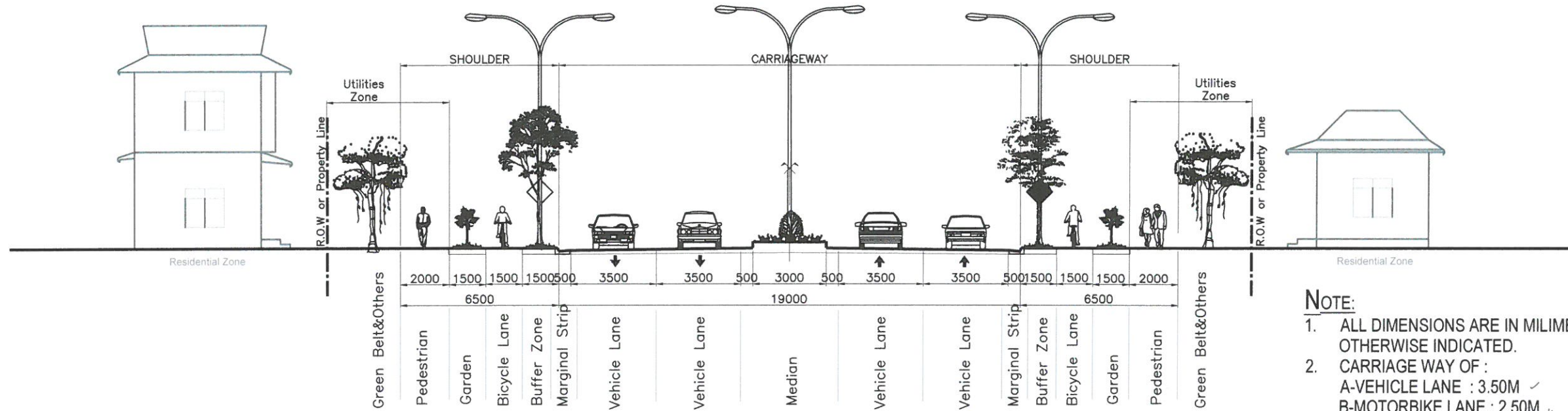
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PUBLIC BUS LANE : 3.50M ✓
 C-FRONTAGE ROAD : 3.50M ✓
3. MEDIAN : 3.00M ✓
4. SPEED : 60-80 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | | |
|-----|----------|-----------|-----------|---|----------|--|---|---------------------------|
| | | DESIGNED: | |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: Class U5 : Arterial ✓ | DRAWING NO: S2-UR-09 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | |

ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីប្រជុំជន
 ចំណាត់ថ្នាក់ U5 : ប្រភេទមហាវិថី
 Class U5 : Arterial




Class U5 : Arterial - Four Lanes With Motorbike Lane (Type A) ✓



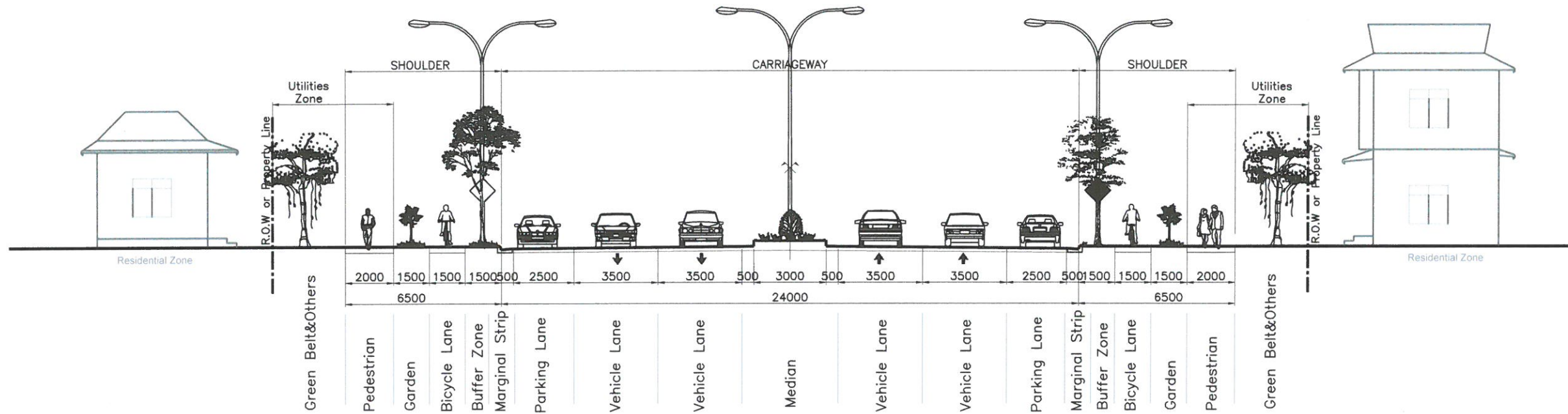
Class U5 : Arterial - Four Lanes (Type B) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-MOTORBIKE LANE : 2.50M ✓
3. MEDIAN : 3.00M ✓
4. SPEED : 60-80 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | |
|-----------|----------|-----------|---|---|---------------------------------|-------------------|
| DESIGNED: | CHECKED: | APPROVED: |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | | | DRAWING TITLE: Class U5 : Arterial ✓ | DRAWING NO: S2-UR-10 ✓ | |
| | | | | No. | REVISION | DATE |


**ប្លង់មុខកាត់ទីតាំងសម្រាប់គម្រោងស្រុះស្រួល
ចំណាត់ថ្នាក់ U5 : ប្រភេទមហាវិថី**
Class U5 : Arterial



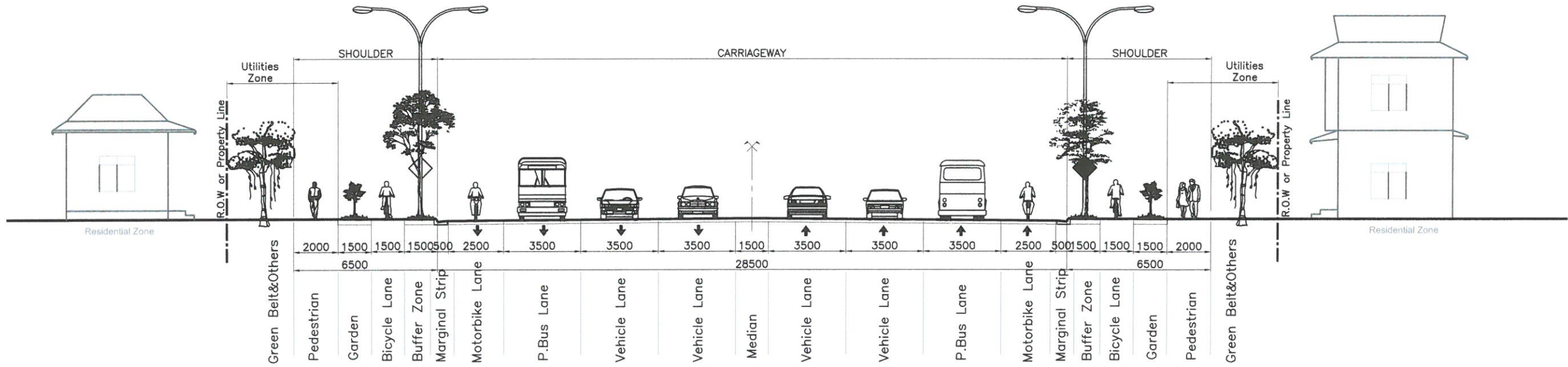
Class U5 : Arterial - Four Lanes With Parking Lane (Type C)

NOTE:

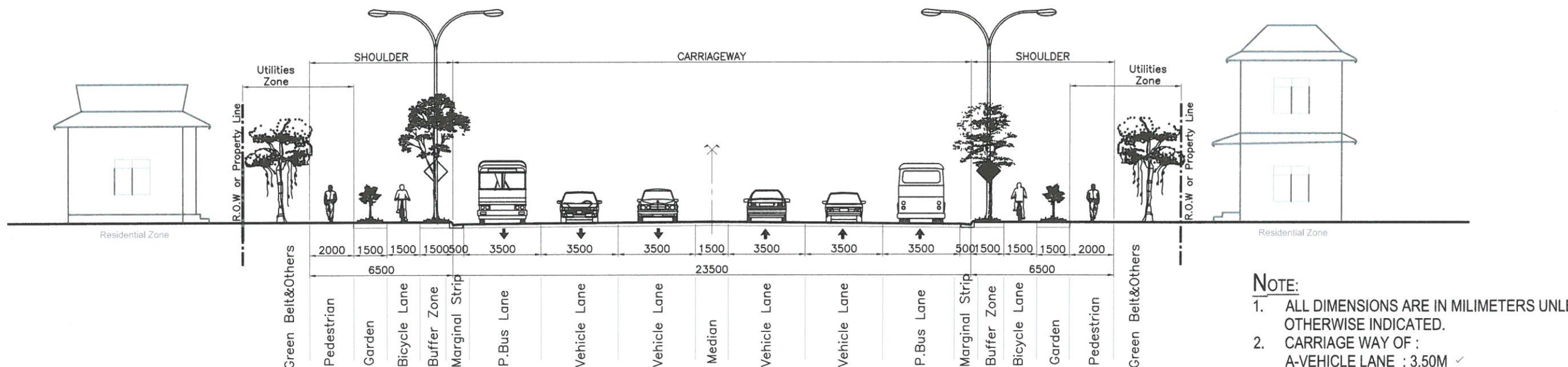
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
A-VEHICLE LANE : 3.50M ✓
B-PARKING LANE : 2.50M ✓
3. MEDIAN : 3.00M ✓
4. SPEED : 60-80 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | | | |
|-----|----------|------|-----------|--|--|---------------------------------------|--|---------------------------------|---------------------------|
| | | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | | CHECKED: | | | DRAWING TITLE: Class U5 : Arterial | | | DRAWING NO: S2-UR-11 ✓ |
| | | | APPROVED: | | | | | | |
| No. | REVISION | DATE | | | | | | | |

គម្រោងផែនការសំណង់សម្រាប់តំបន់ទីក្រុង
ចំណាត់ថ្នាក់ U4 : ប្រភេទមហាវិថី
 Class U4 : Arterial



Class U4 : Arterial - Six Lanes With Motorbike Lane (Type A) ✓

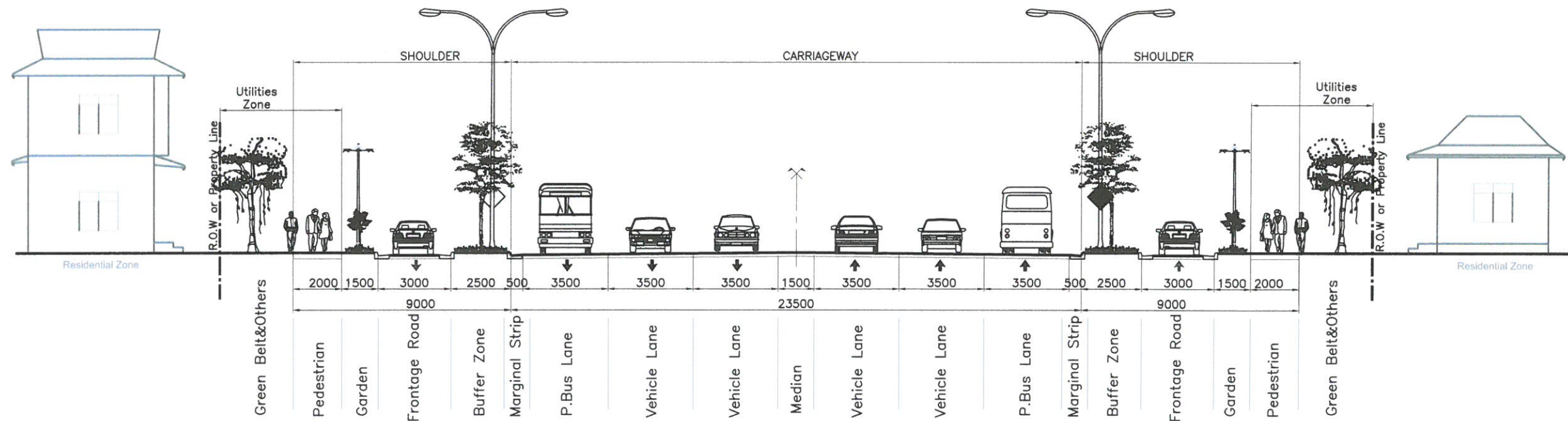


Class U4 : Arterial - Six Lanes (Type B) ✓

- NOTE:**
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
 2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PUBLIC BUS LANE : 3.50M ✓
 C-MOTORBIKE LANE : 2.50M ✓
 3. MEDIAN : 1.50M ✓
 4. SPEED : 50-70 Km/h ✓
 5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | | |
|-----|----------|-----------|--|--|----------|--|---|---------------------------|
| | | DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: Class U4 : Arterial ✓ | DRAWING NO: S2-UR-12 ✓ |
| | | APPROVED: | | | | | | |
| No. | REVISION | DATE | | | | | | |


ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីក្រុង
 ចំណាត់ថ្នាក់ U4 : ប្រភេទមហាវិថី
 Class U4 : Arterial



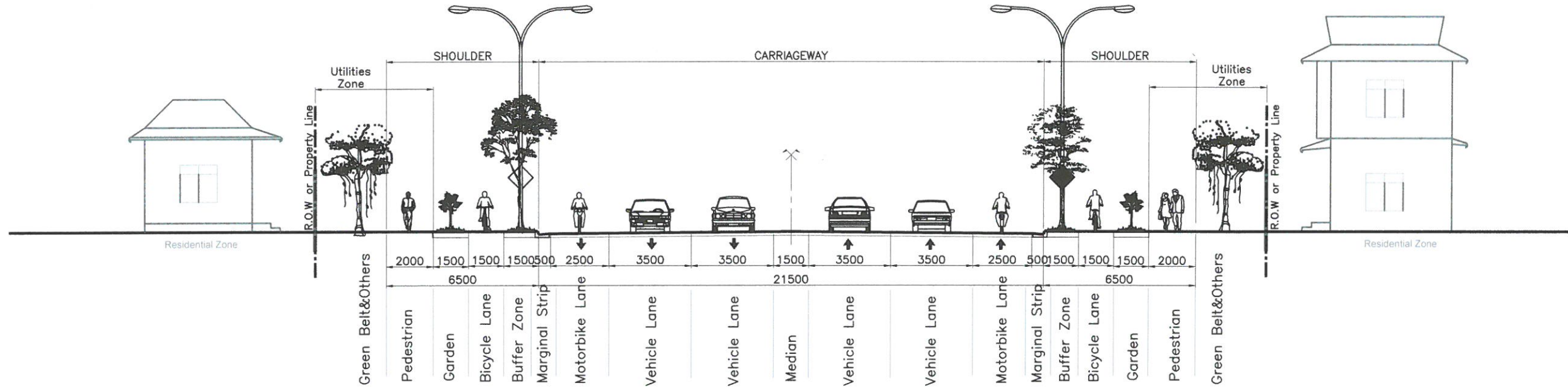
Class U4 : Arterial - Six Lanes With Frontage Road (Type C) ✓

NOTE:

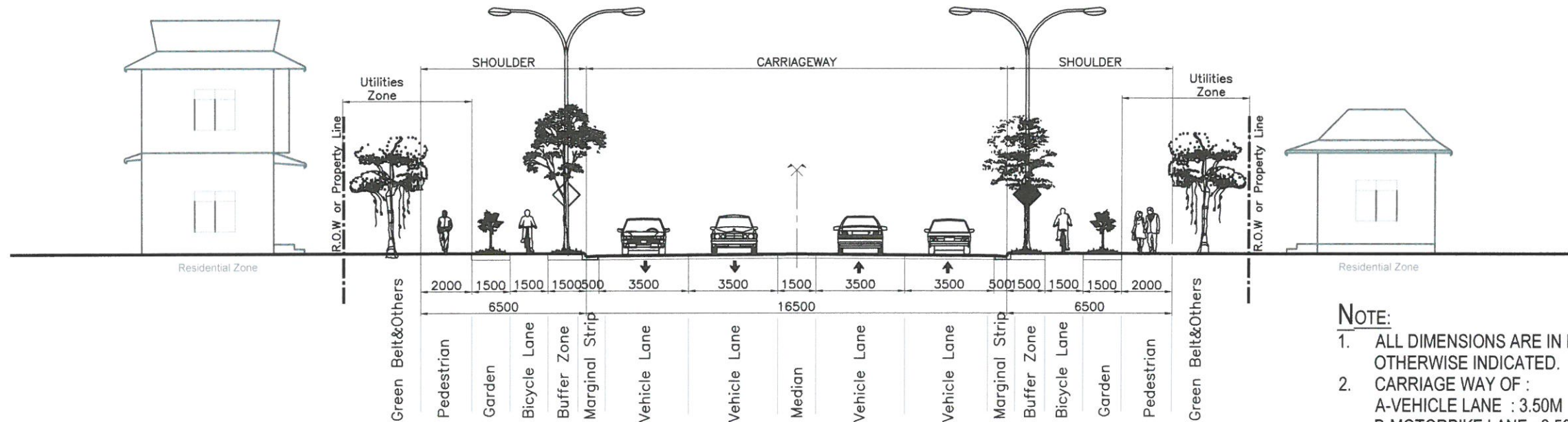
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PUBLIC BUS LANE : 3.50M ✓
 C-FRONTAGE ROAD : 3.50M ✓
3. MEDIAN : 1.50M ✓
4. SPEED : 50-70 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | |
|-----|----------|-----------|--|----------|---------------------------------|---|---------------------------|
| | | DESIGNED: |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 | |
| | | CHECKED: | | | | DRAWING TITLE: Class U4 : Arterial ✓ | DRAWING NO: S2-UR-13 ✓ |
| | | APPROVED: | | | | | |
| No. | REVISION | DATE | | | | | |

ប្រកាសការកែលម្អផ្លូវ សម្រាប់តំបន់ទីក្រុង
ចំណាត់ថ្នាក់ U4 : ប្រភេទមហាវិថី
 Class U4 : Arterial



Class U4 : Arterial / Collector - Four Lanes With Motorbike Lane (Type A) ✓



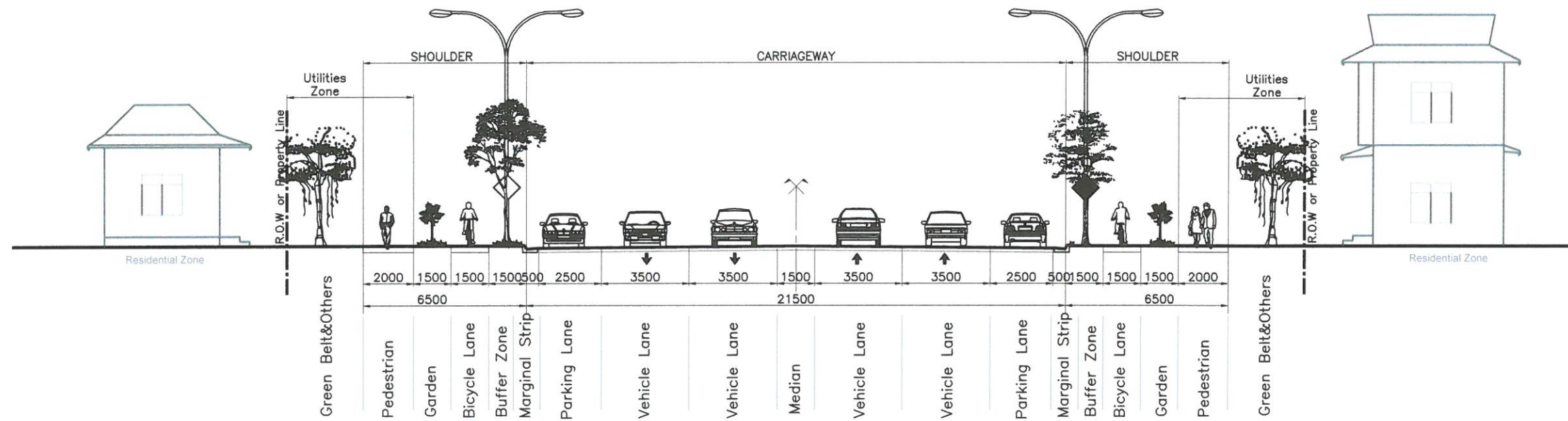
Class U4 : Arterial / Collector - Four Lanes (Type B) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-MOTORBIKE LANE : 2.50M ✓
3. MEDIAN : 1.50M ✓
4. SPEED : 50-70 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | | |
|-----|----------|-----------|-----------|--|----------|--|---|---------------------------|
| | | DESIGNED: | | KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | CHECKED: | | | | | DRAWING TITLE: Class U4 : Arterial ✓ | DRAWING NO: S2-UR-14 ✓ |
| No. | REVISION | DATE | APPROVED: | | | | | |


ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីក្រុង
 ចំណាត់ថ្នាក់ U4 : ប្រភេទមហាវិថី
 Class U4 : Arterial



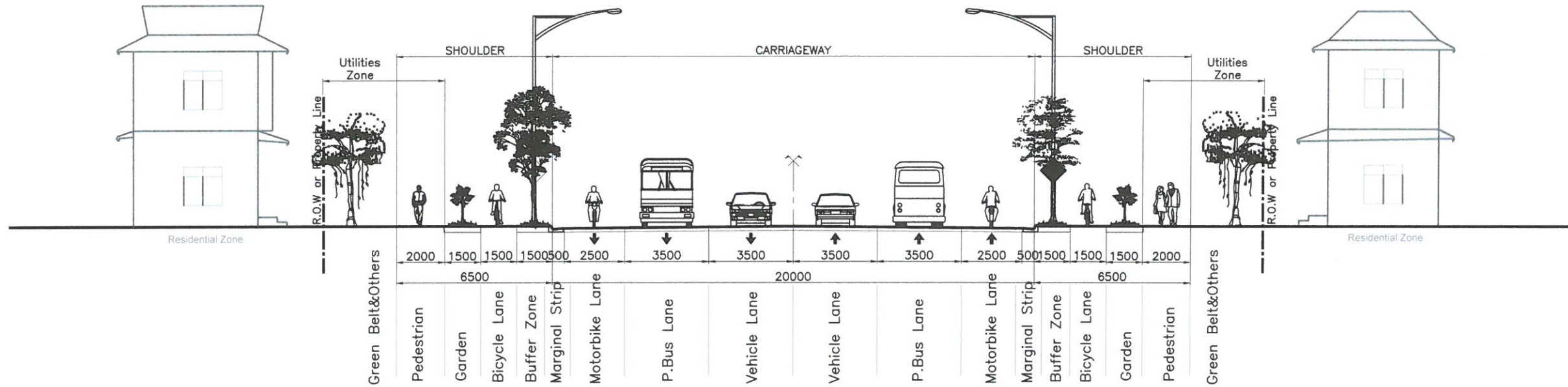
Class U4 : Arterial - Four Lanes With Parking Lane (Type C) ✓

NOTE:

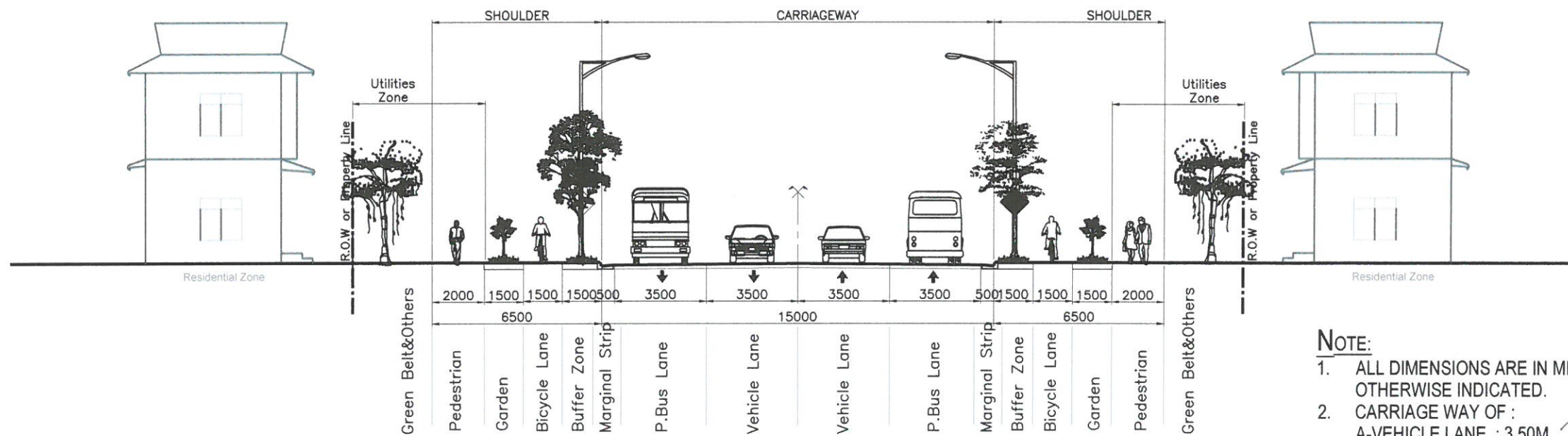
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PARKING LANE : 2.50M ✓
3. MEDIAN : 1.50M ✓
4. SPEED : 50-70 Km/h ✓
5. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | |
|-----------|----------|--|---|---------------------------------|-------------------|
| DESIGNED: | |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| CHECKED: | | | DRAWING TITLE: Class U5 : Arterial ✓ | DRAWING NO: S2-UR-15 ✓ | |
| APPROVED: | | | | | |
| No. | REVISION | DATE | | | |

ប្លង់មុខកាត់ផ្លូវសម្រាប់ថ្នាក់ U3 : ប្រភេទថ្នាក់
 ថ្នាក់ U3 : Collector
 Class U3 : Collector



Class U3 : Collector - Four Lanes With Motorbike Lane (Type A) ✓



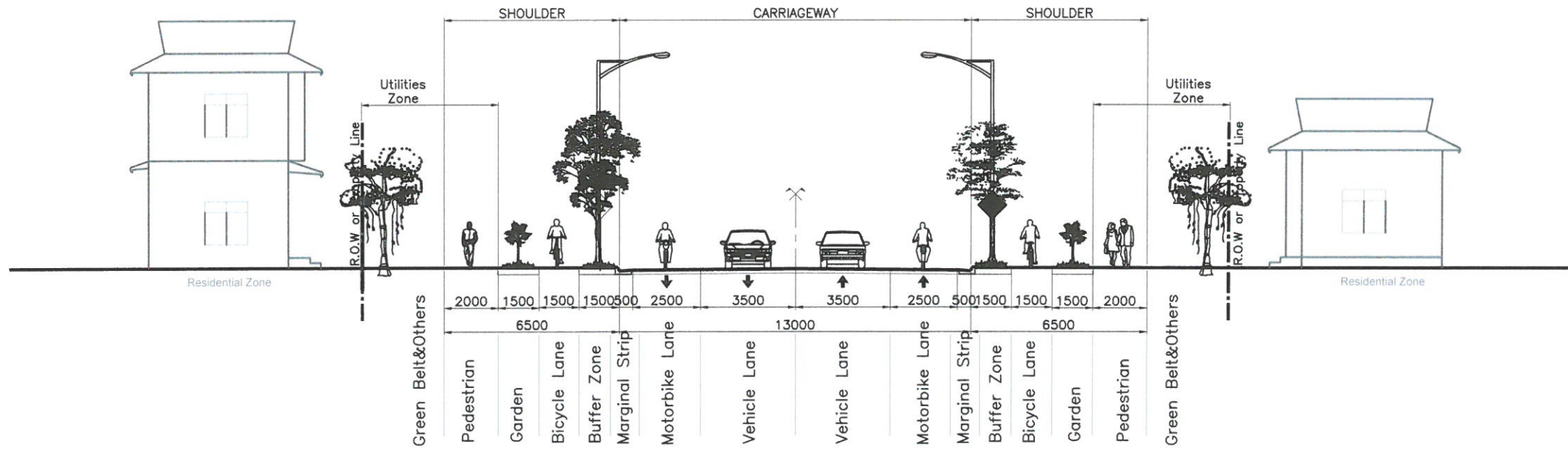
Class U3 : Collector - Four Lanes (Type B) ✓

NOTE:

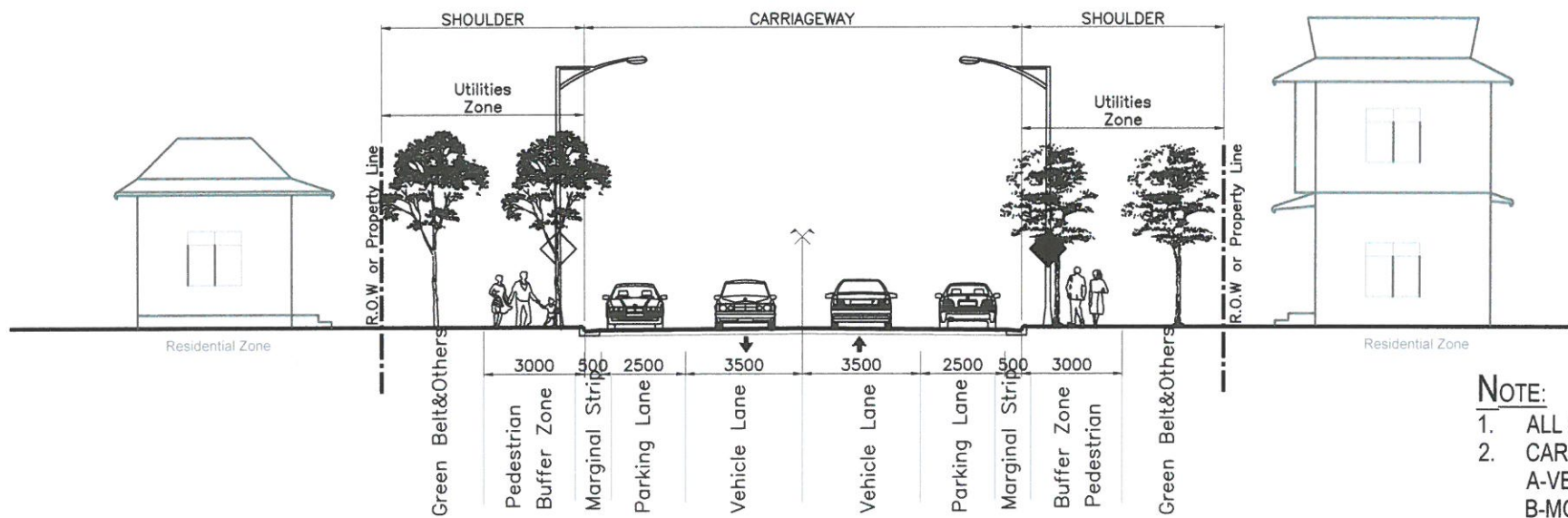
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-PUBLIC BUS LANE : 3.50M ✓
 C-MOTORBIKE LANE : 2.50M ✓
3. SPEED : 40-60 Km/h ✓
4. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER)

| | | | | | | | |
|-----|----------|-----------|--|----------|---------------------------------|--|-------------------------|
| | | DESIGNED: |  <p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p> | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 | |
| | | CHECKED: | | | | DRAWING TITLE: Class U3 : Collector | DRAWING NO: S2-UR-16 |
| | | APPROVED: | | | | | |
| No. | REVISION | DATE | | | | | |

ប្លង់មុខកាត់ទទឹងផ្លូវ សម្រាប់តំបន់ទីប្រជុំជន
 ចំណាត់ថ្នាក់ U3 : ប្រភេទទី៣
 Class U3 : Collector




Class U3 : Collector / Local - Two Lanes With Motorbike Lane (Type A) ✓



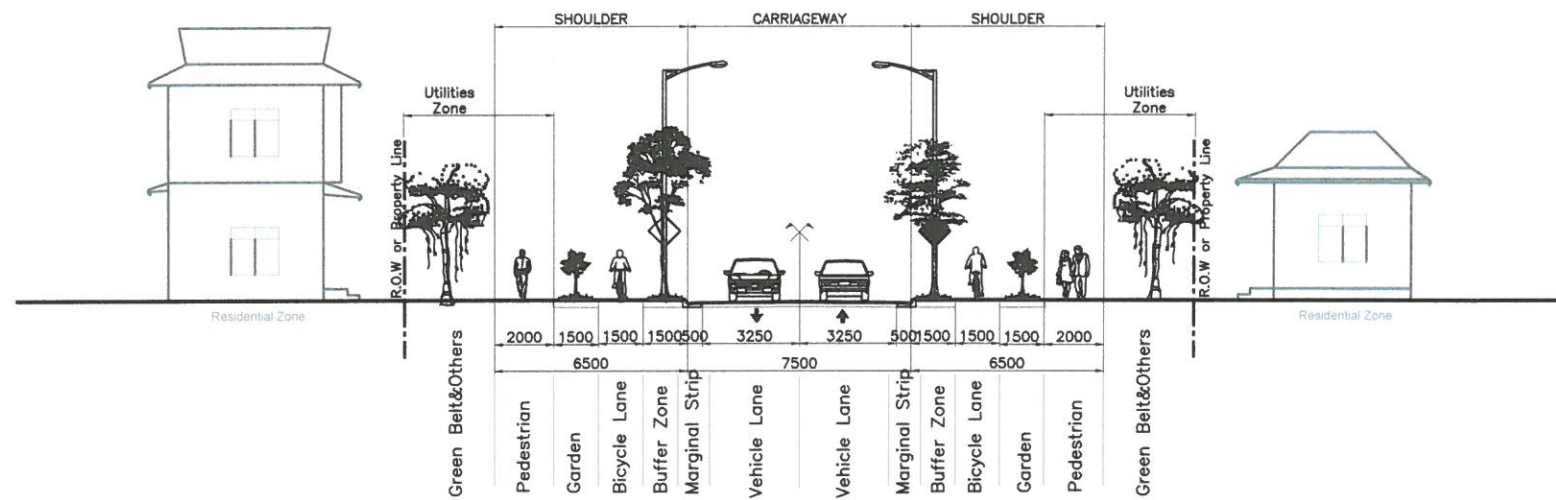
Class U3 : Collector / Local - Two Lanes With Parking Lane (Type B) ✓

NOTE:

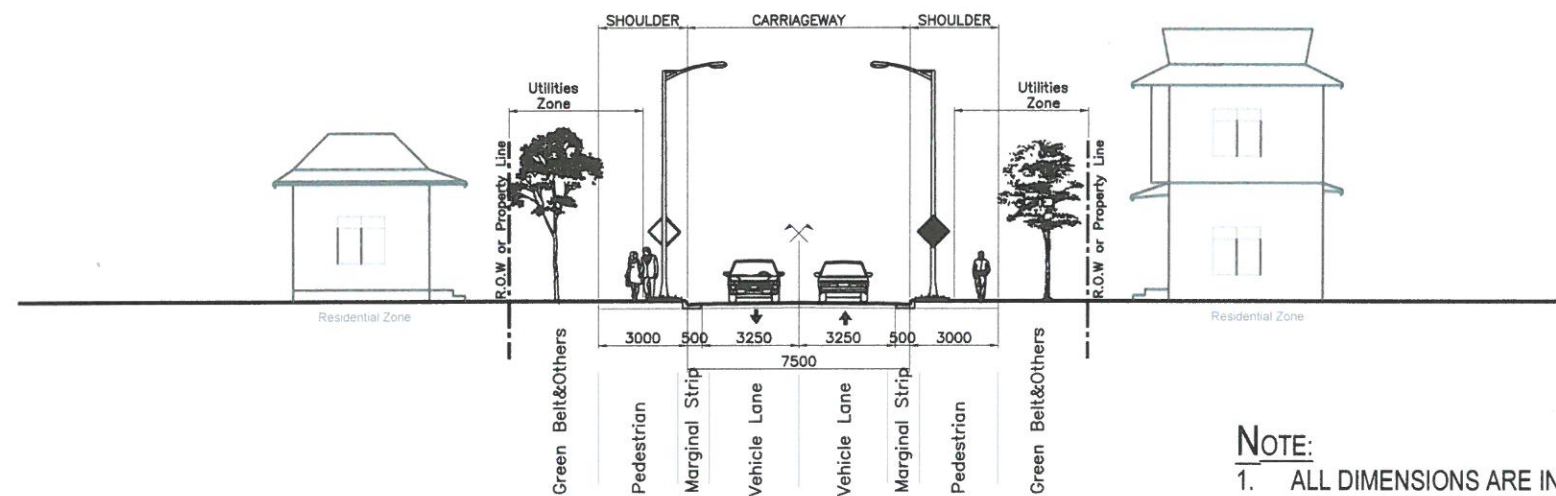
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.50M ✓
 B-MOTORBIKE LANE : 2.50M ✓
 C-PARKING LANE : 2.50M ✓
3. SPEED : 40-60 Km/h ✓
4. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | |
|-----------|--|---|------------------------|---------------------------------|---------------------------|
| DESIGNED: | |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| CHECKED: | | | Class U3 : Collector ✓ | DRAWING TITLE: | DRAWING NO: S2-UR-17 ✓ |
| APPROVED: | | | | No. | REVISION |

ប្រព័ន្ធគោលដៅផ្លូវសម្រាប់តំបន់វប្បធម៌
 ម៉ូឌុលថ្នាក់ U2 : ប្រភេទអនុវិថី
 Class U2 : Local




Class U2 : Local - Two Lanes (Type A) ✓



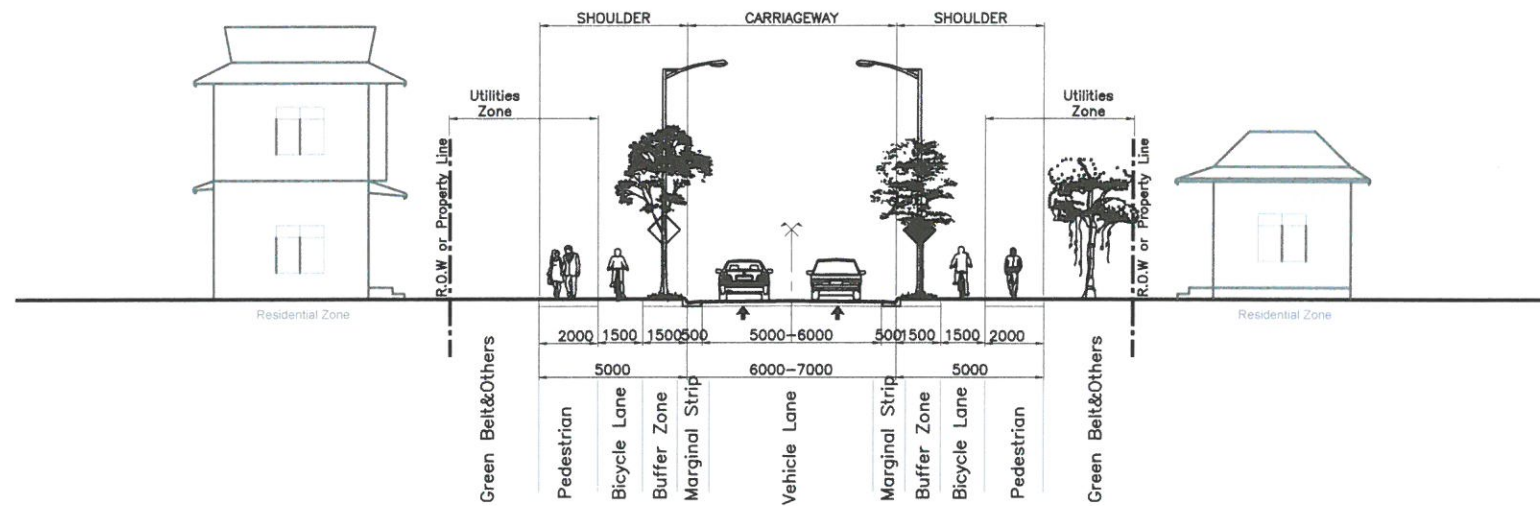
Class U2 : Local - Two Lanes (Type B) ✓

NOTE:

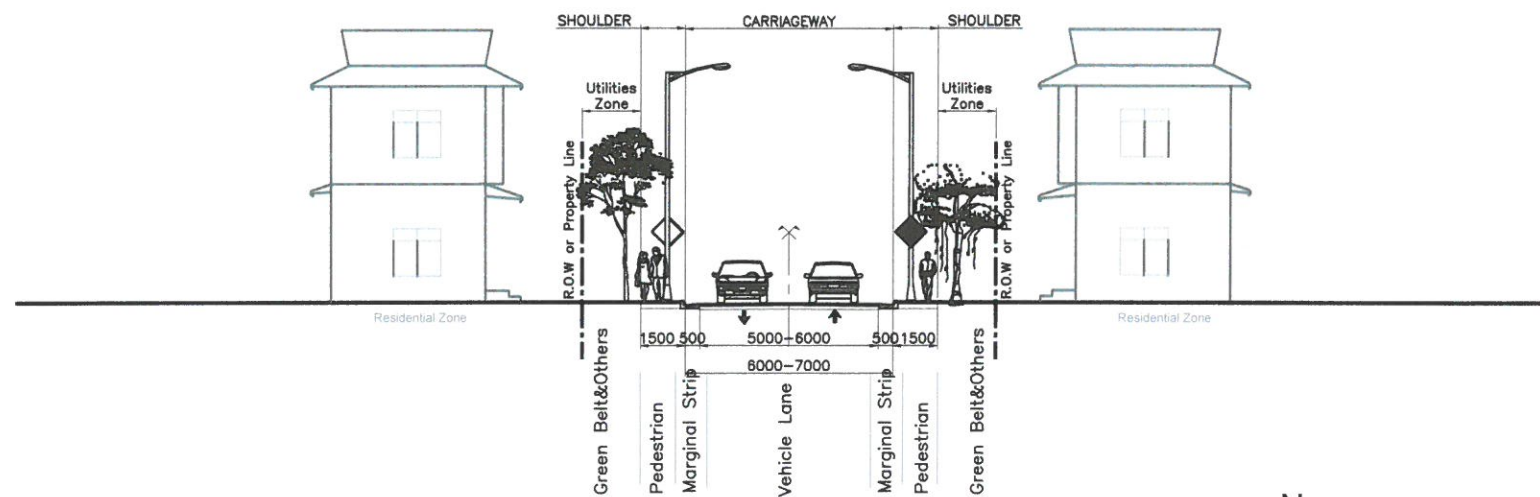
1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 3.25M ✓
3. SPEED : 30-50 Km/h ✓
4. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

| | | | | | | | |
|-----|----------|------|-----------|---|--------------------------------------|---------------------------------|-------------------|
| No. | REVISION | DATE | DESIGNED: |  KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT | PROJECT: | STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| | | | CHECKED: | | DRAWING TITLE: Class U2 : Local ✓ | DRAWING NO: S2-UR-18 ✓ | |
| | | | APPROVED: | | | | |

ប្លង់ប្រកាសទិសដៅ សម្រាប់គម្រោងប្រព័ន្ធបណ្តាញ
 ម៉ូឌុល U1 : ប្រភេទអនុត្តិ
 Class U1 : Local



Class U1 : Local - One Lane / 1Way (Type A) ✓



Class U1 : Local - One Lane / 2Way (Type B) ✓

NOTE:

1. ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE INDICATED.
2. CARRIAGE WAY OF :
 A-VEHICLE LANE : 5.00-6.00M ✓
3. SPEED : 20-40 Km/h ✓
4. BUFFER ZONE, BICYCLE LANE, GARDEN ZONE, PEDESTRIAN DEPENDS ON THE SITE SITUATION (WIDTH OF SHOULDER) ✓

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|-----------|---------------|
| DESIGNED: | |
| CHECKED: | |
| APPROVED: | |
| No. | REVISION DATE |

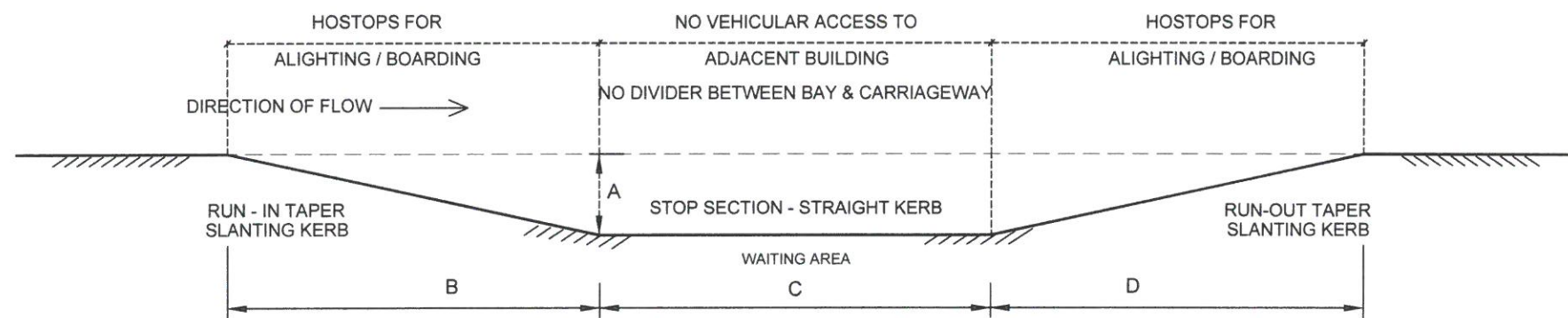
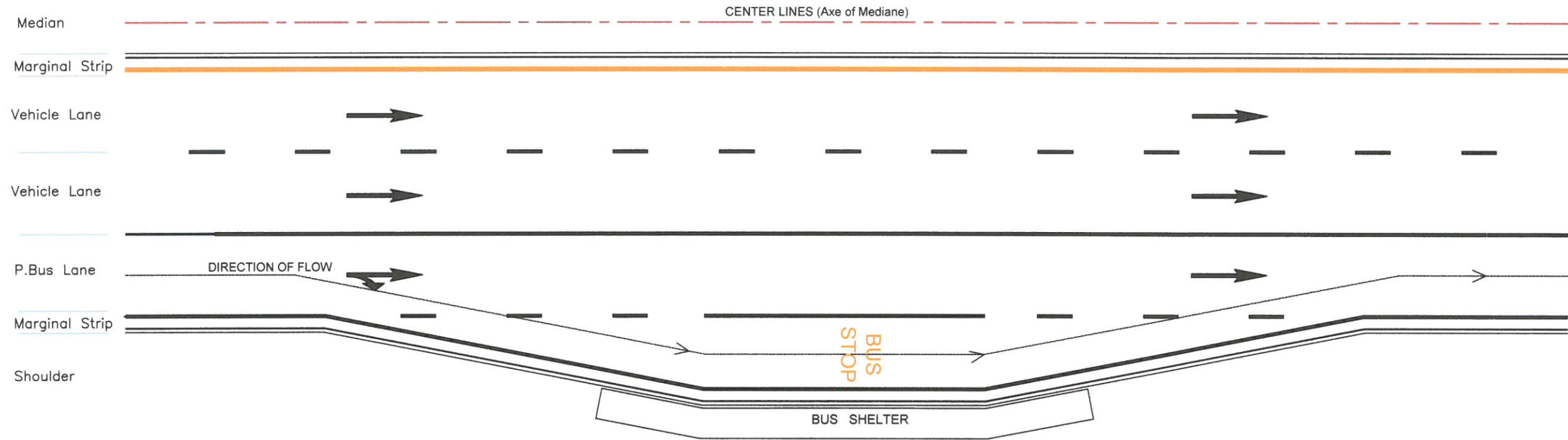


KINGDOM OF CAMBODIA
 MINISTRY OF PUBLIC WORKS AND
 TRANSPORT

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| PROJECT: | |
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|--------------------------------------|-------------------------|
| STANDARD DRAWING FOR URBAN ROAD | SCALE: 1 : 200 |
| DRAWING TITLE: Class U1 : Local ✓ | DRAWING NO: S2-UR-19 |

ប្លង់ទីបំណករថយន្តក្រុង
TYPICAL BUS LAYBY



តារាងទំហំ និងប្រវែង ទីបំណក

| ទំហំ / m | SINGLE BAY BUS STOP | | | | 2 BAYS BUS STOP | | | |
|----------|---------------------|----|----|----|-----------------|----|----|----|
| | A | B | C | D | A | B | C | D |
| U4, U3 | 3 | 24 | 15 | 24 | 3 | 24 | 30 | 24 |
| | 3 | 24 | 15 | 24 | 3 | 24 | 30 | 24 |
| | 3.25 | 20 | 15 | 20 | 3.25 | 20 | 30 | 20 |
| U5 | 3.5 | 30 | 20 | 30 | 3.5 | 30 | 40 | 30 |
| | 3.5 | 30 | 20 | 30 | 3.5 | 30 | 40 | 30 |
| | 3.5 | 30 | 20 | 30 | 3.5 | 30 | 40 | 30 |