



Road Development Corporation Limited
Republic of Maldives

**Terms of Reference for
Addendum to Environmental Impact Assessment report of
Gdh. Gahdhoo Road Development project**
Date: 18.10.2022

1. BACKGROUND

Road Development Corporation Limited, an incorporated limited liability company operating under the registration number C10482019 and having its registered office at MSL Building, First Floor, Malé, Republic of Maldives (herein after called and referred to as “the Employer”,) wishes obtain services of a consultant/firm to study and propose addendum to EIA report of Gdh. Gahdhoo Road Development project.

2. SCOPE OF WORK.

- A. Consultancy services for making an addendum to Environmental Impact Assessment for Gdh. Gahdhoo Road Development project, including the submission Fees and all related data collection.
- B. Amendments to be brought to EIA addendum:
 - a. Road Conceptual changes
 - b. Change in Sea Outfall Locations
 - c. Change in Pump Station numbers & locations
- C. Get Approval from EPA.

3. EMPLOYER’S CONTRIBUTION

The employer shall grant access to all available materials, which may be required for the Consultant to perform their services.

4. EVALUATION CRITERIA

The submitted responsive bids will be evaluated under the following criteria. Educational Qualification certificates along with Project Completion Certificates must be submitted for validation.

#	Criteria	Weightage %
1	Price	30%
2	Experience & Qualification	70%

4.1 Experience & Qualification requirements for consultancy (70%)

The evaluation will be conducted in two stages, which are the Technical Evaluation stage and the Financial Evaluation stage. The details of the evaluation of the two stages are as follows.

Stage 1: Technical Evaluation

The objective of this stage is to evaluate the technical qualification of the bidders in terms of experience & qualification. Bidders who achieve 45% and higher out of 70% in this stage, will be qualified for the Financial Evaluation stage. Any bidder who does not achieve a minimum 45% in this stage, those bids will not be considered for further evaluation. The evaluation for this stage will be done by awarding points based on the following categories.

To provide the top-level performance of the assigned task(s), the Consultant shall utilize qualified staff (key personnel as well as support staff) and shall contribute to the preparation, testing, and amendments till the reports are approved from all relevant authorities. All specialists shall be certified professionals in their respective fields and will have to submit their certificates and CVs for validation. EIA Consultants must submit their EIA license copy along with a dated letter stating their association with the bidding party.

Consultants	Qualification & Experience Requirements	No.	Educational Qualification	Project Experience
			20%	50%
			Bachelor's Degree (20 marks)	Completed similar nature projects with a minimum contract value of MVR 100,000 each (Each project 5 marks, max. 10 projects)
Key Experts			20 Marks	50 Marks
Environmental / Hydrological specialist	Minimum Bachelor's Degree in Environmental Engineering/Environmental Science/Environmental Management or related field Must be a licensed EIA consultant 5 years of experience in subject field	1		
TOTAL MARKS			70 Marks	

The Consultant should utilize the following personnel.

5. EMPLOYER'S CONTRIBUTION

The Employer will grant access to all available materials which may be required by the Consultant to perform their services.

6. DURATION OF THE ASSIGNMENT

The expected duration of the consultant assignment is 30 days.

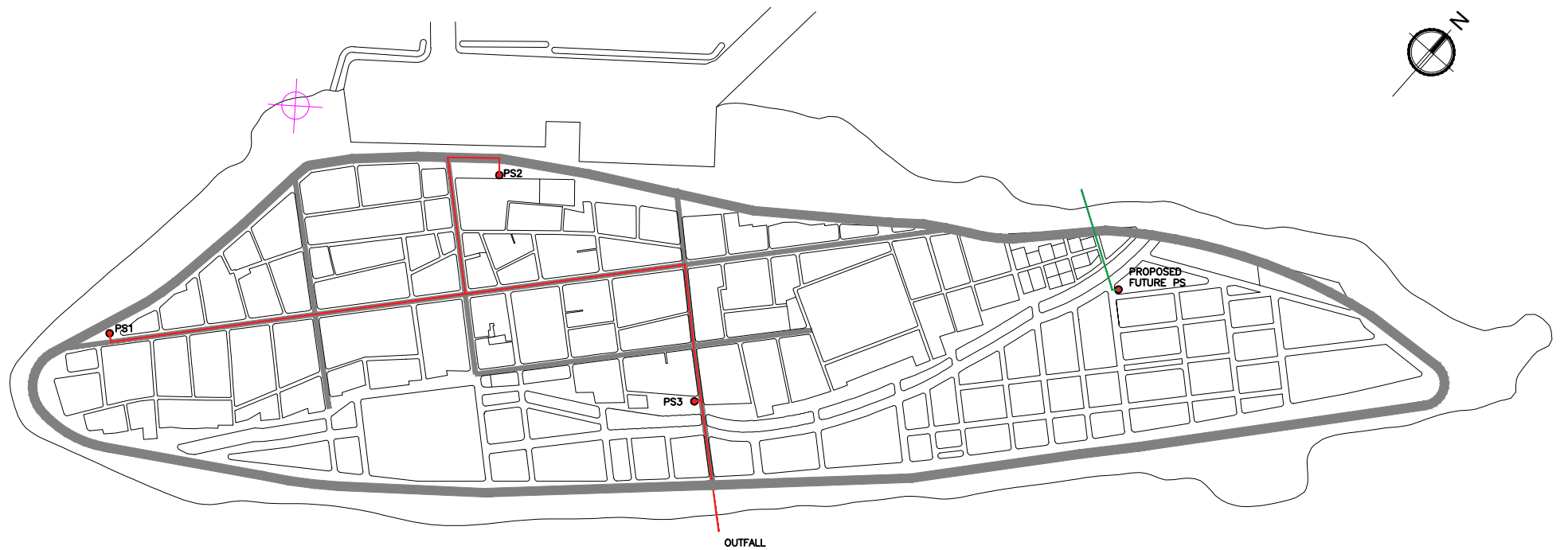
7. CONSULTANT'S REPORTING OBLIGATIONS

The Consultant shall submit the following report(s) for approval and shall contribute to the preparation of the documents and amendments till the reports are approved by the relevant authorities. The report should be up to industry standards.

Deliverables	Submission Date	Language
Environmental Impact Assessment Report	Within 30 calendar days from the commencement date	English

LEGENDS


- PROPOSED DESIGN ROADS
- OUTFALL LINE
- PROPOSED FUTURE OUTFALL LINE
- PROPOSED PUMPSTATIONS





GDH.GAHDHOO OUTFALL & PS AREA

NOT TO SCALE




PROJECT: GDH.GAHDHOO MAJOR ROADS PROJECT

<p>CLIENT:</p> <p>MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE</p> <p>AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES</p>	<p>CONTRACTOR:</p> <p>ROAD DEVELOPMENT CORPORATION LTD.</p> <p>ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES</p>	<p>DRAWING TITLE:</p> <p>GAHDHOO OUTFALL & PS AREA</p>		<p>DRAWN BY: ISMAIL SHIYAAZ</p> <p>APPROVED BY:</p> <p>PROJECT NO: GAH-RC-2020-02</p> <p>DRAWING NO:</p>	<p>SCALE: NOT TO SCALE</p> <p>DATE: NOVEMBER 2020</p>
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LEGENDS

-  PROPOSED DESIGN ROADS
-  PROPOSED PUMPSTATIONS

LEGEND


-  225 mm Ø HDPE Pumping Main (PE100, PN16, SDR11)
-  250 mm Ø HDPE Pumping Main (PE100, PN16, SDR11)
-  Proposed Culverts



**PROPOSED STORMWATER
CONCEPT**

NOT TO SCALE

PROJECT: GDH.GAHDHOO MAJOR ROADS PROJECT

CLIENT:	CONTRACTOR:	DRAWING TITLE:		DRAWN BY: ISMAIL SHIYAAZ	
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	STORMWATER CONCEPT		APPROVED BY: ALI ZAMEER	
AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES	ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES			PROJECT NO: GAH-RC-2020-02	
				DRAWING NO:	
				SCALE: NOT TO SCALE	DATE: OCTOBER 2021

GDH. GAHDHOO
DESIGN & BUILD OF GDH.GAHDHOO MAJOR ROADS
DETAILED DRAWINGS

DESIGNED BY:
ROAD DEVELOPMENT CORPORATION
ORCHID MAGU, MAAFANNU, MALE', REPUBLIC OF MALDIVES

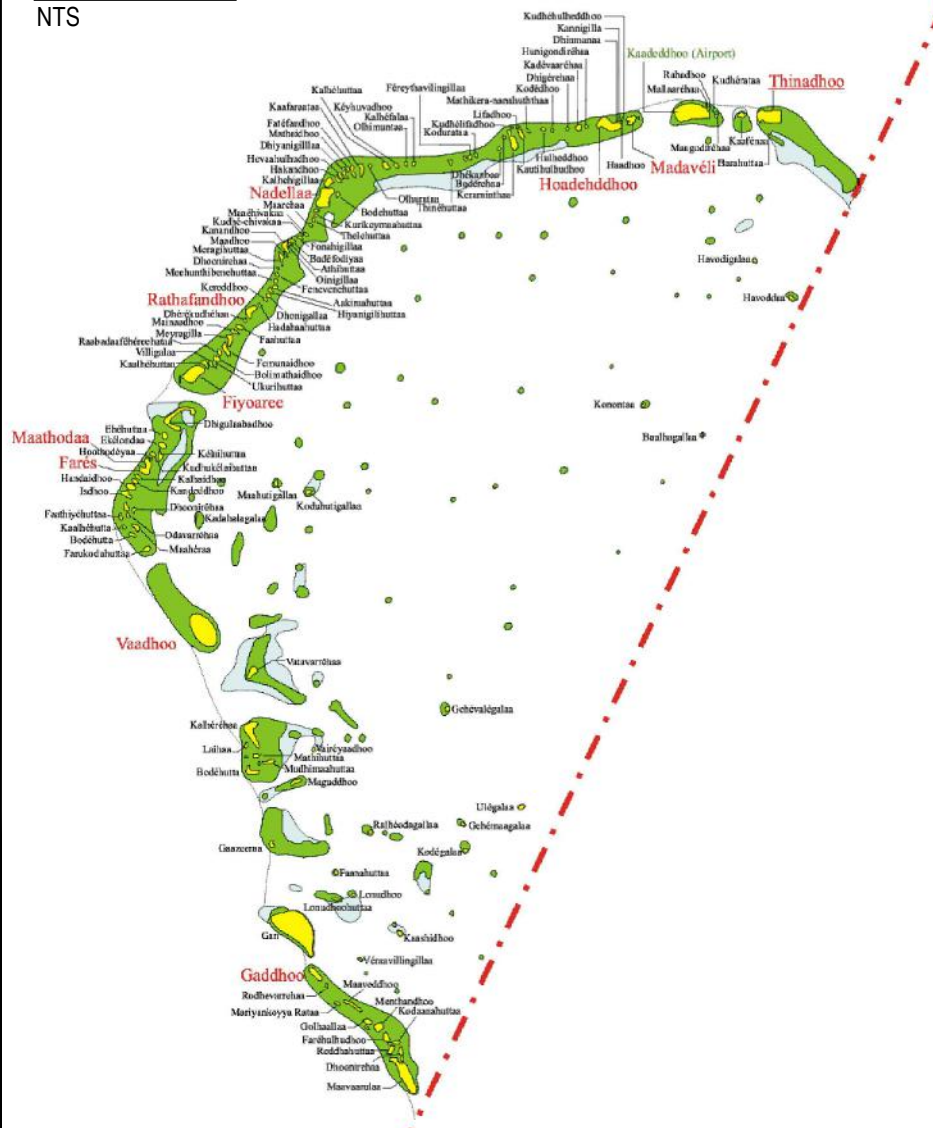
CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU, MAAFANNU, MALE' 20392, REPUBLIC OF MALDIVES

2020



ATOLL MAP

NTS



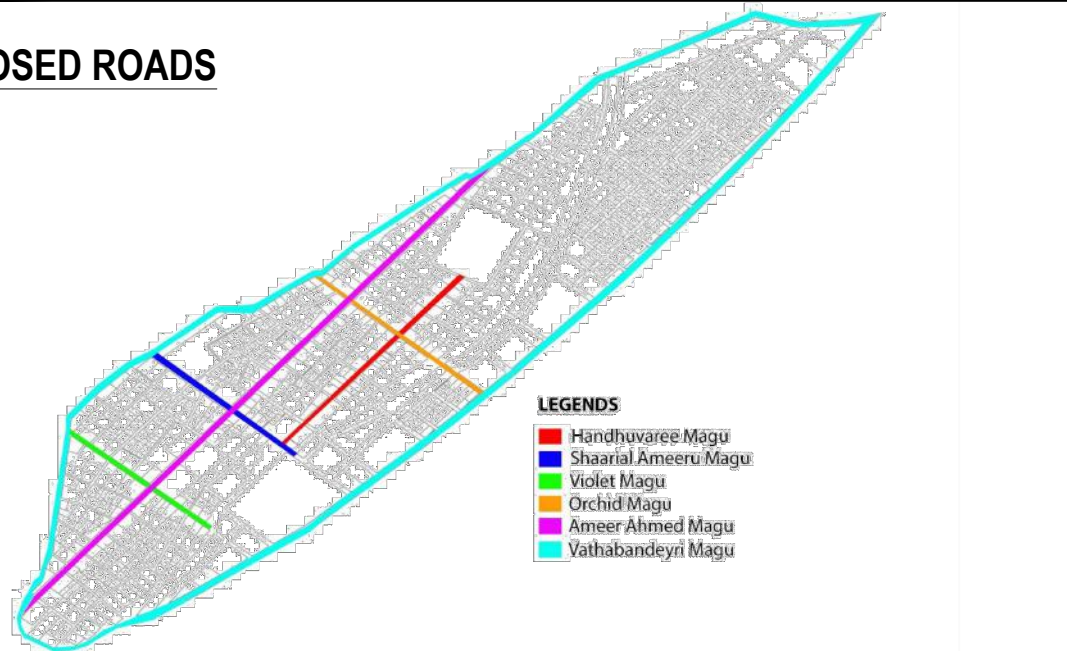
GAHDHOO MAP

NTS




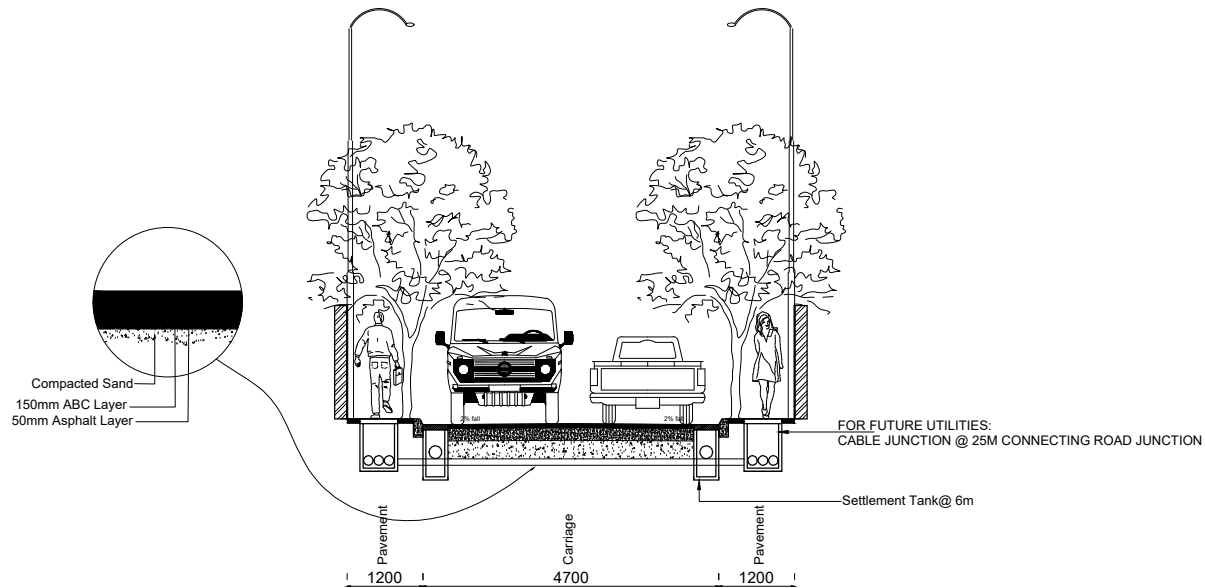
PROPOSED ROADS

NTS



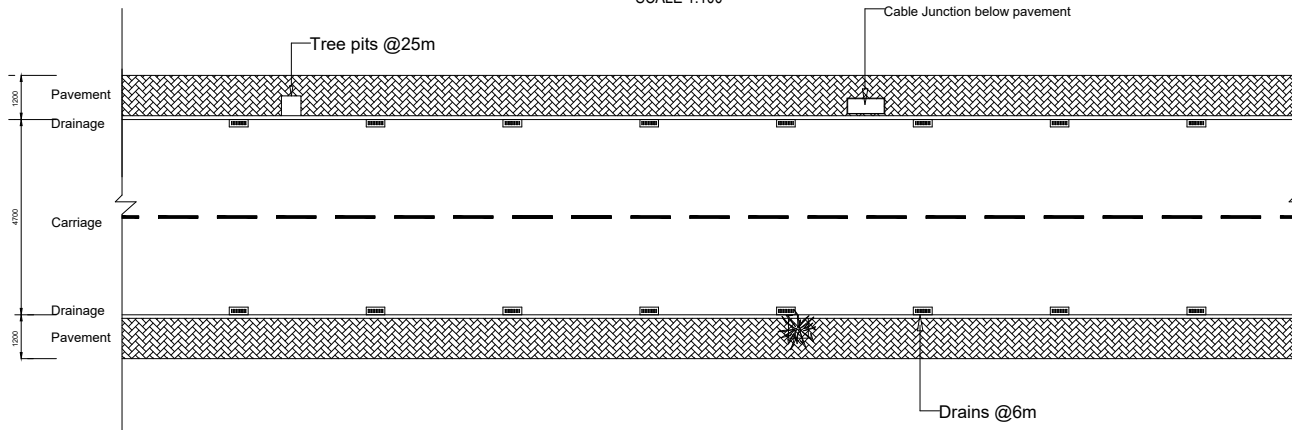
- LEGENDS**
- Handhuvaree Magu
 - Shaarial Ameeru Magu
 - Violet Magu
 - Orchid Magu
 - Ameer Ahmed Magu
 - Vathabandeyri Magu

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS		DRAWING TITLE:	
CLIENT:	CONTRACTOR:	GDH. GAHDHOO	
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	LOCATION MAP	
AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES	ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES		DRAWN BY: ALI ZAMEER
			APPROVED BY: MOHAMED SHAREEF
			PROJECT NO: GAH-RC-2020-02
		DRAWING NO: 01	SCALE:
			DATE: MARCH 2020



VIOLET MAGU - SECTION

SCALE 1:100



VIOLET MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

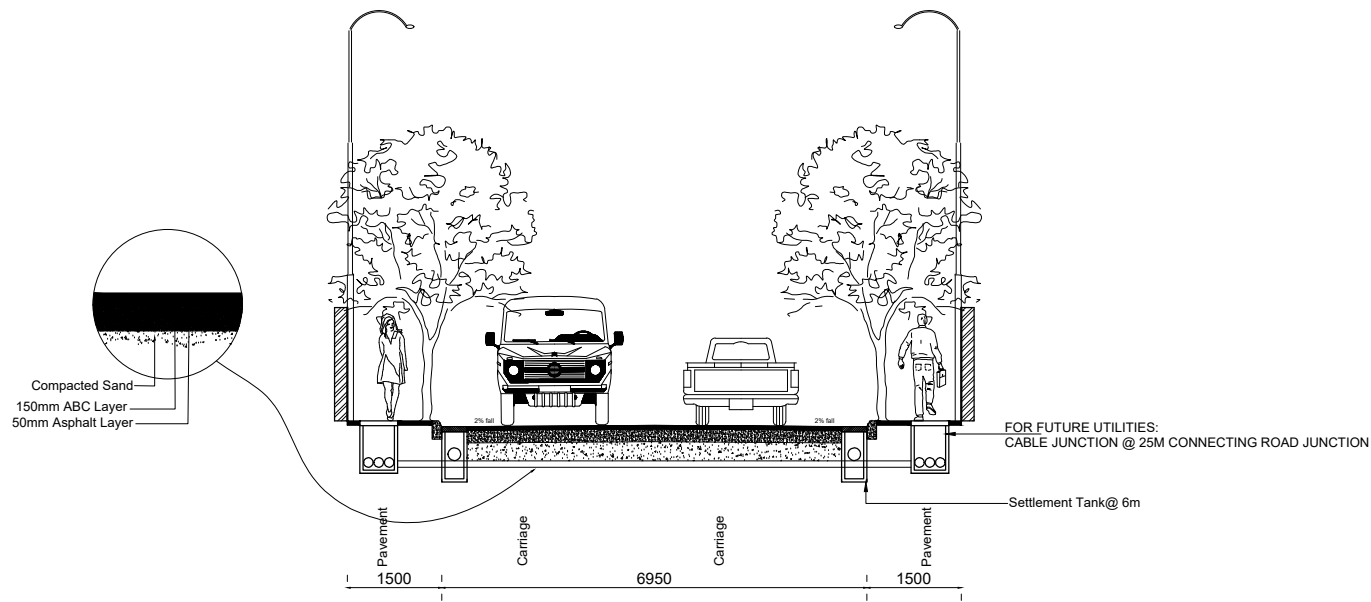
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Violet Magu

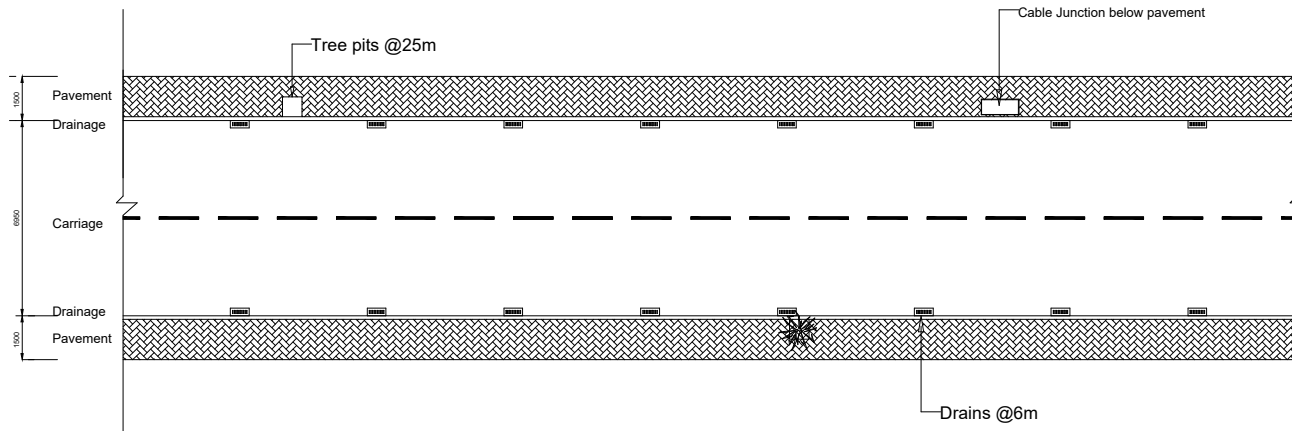


DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: GAH-RC-2020-02
 DRAWING NO: 02
 SCALE: NTS
 DATE: MARCH 2020



AMEER AHMED MAGU - SECTION

SCALE 1:100



AMEER AHMED MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

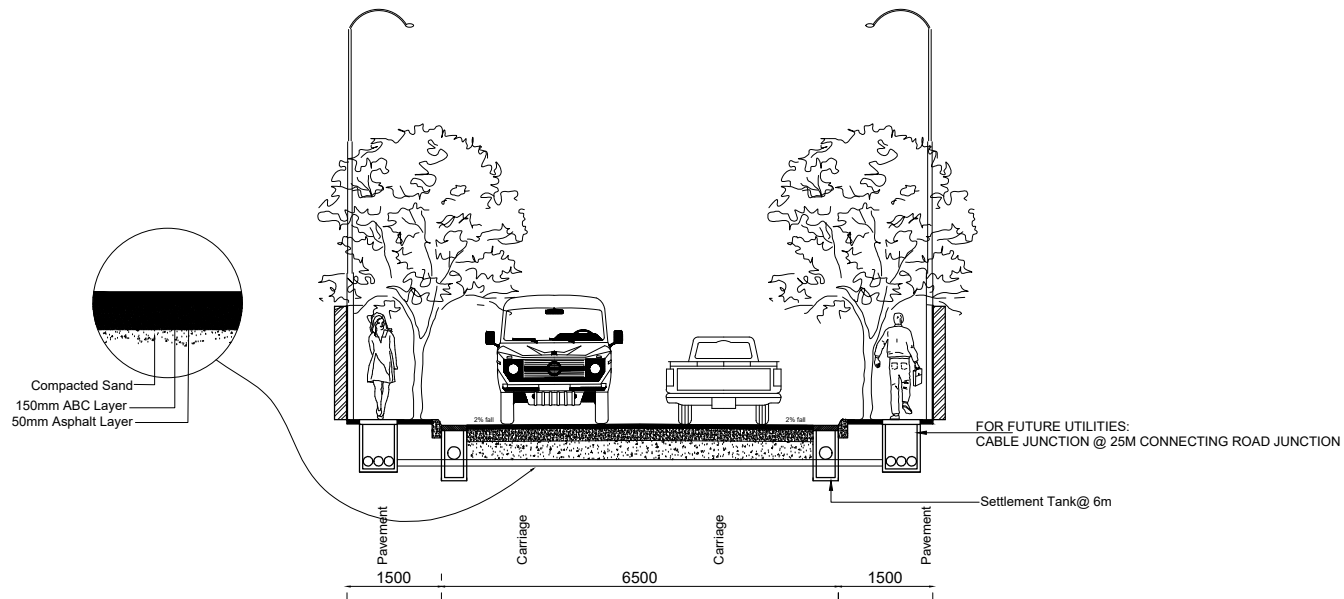
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Ameeru Ahmed Magu

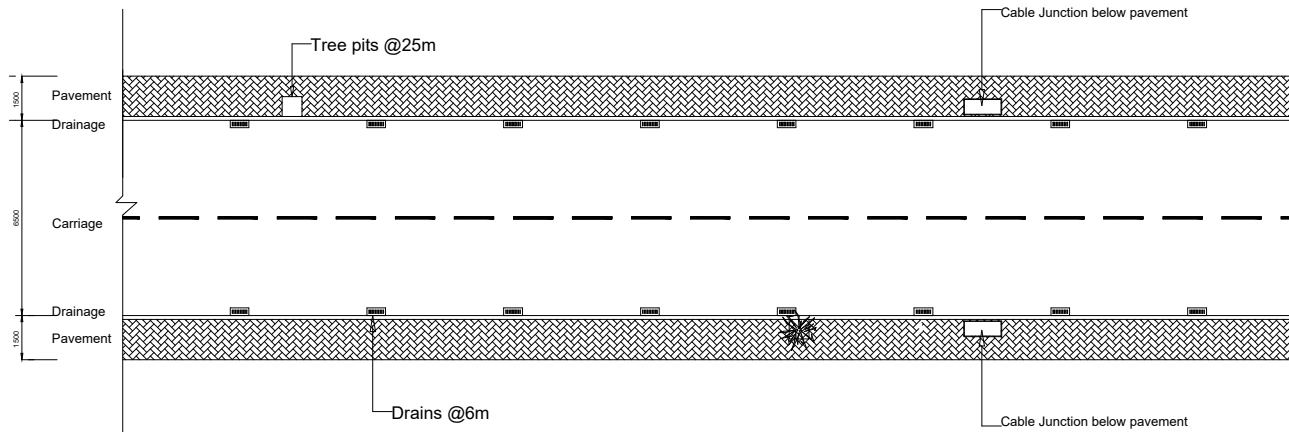


DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: GAH-RC-2020-02
 DRAWING NO: 03
 SCALE: NTS
 DATE: MARCH 2020



SHAARIAL AMEER MAGU - SECTION

SCALE 1:100



SHAARIAL AMEER MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

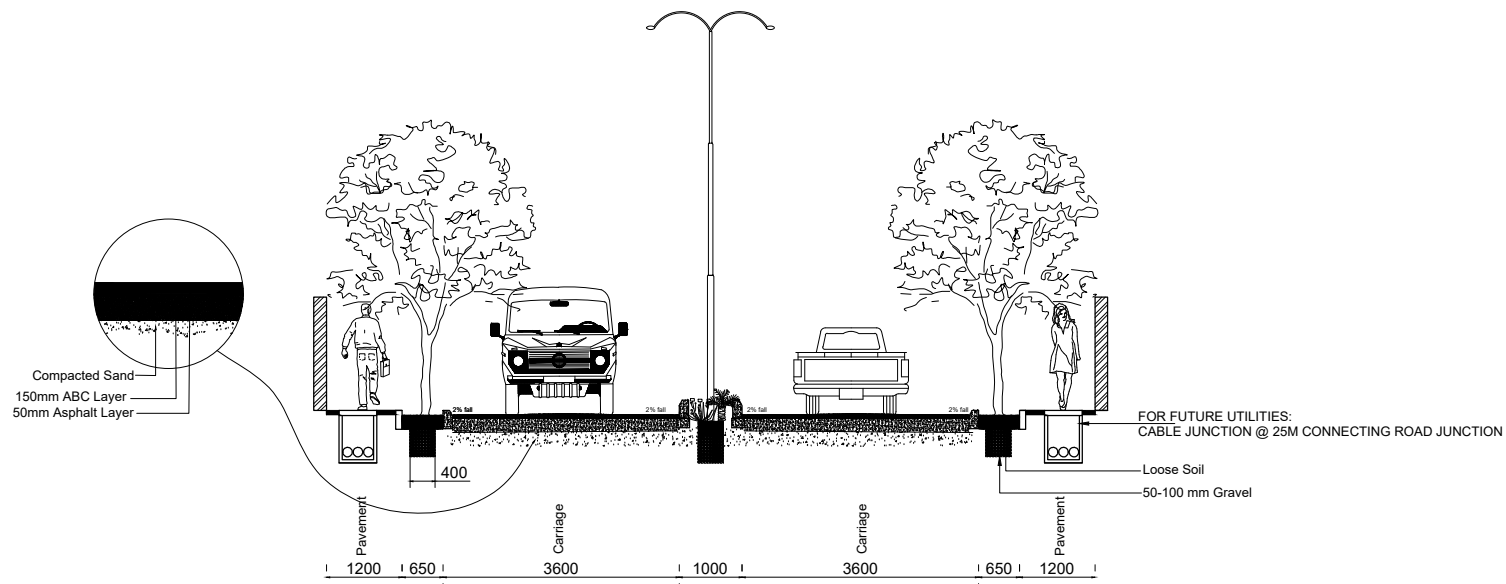
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Shaarial Ameeru Magu

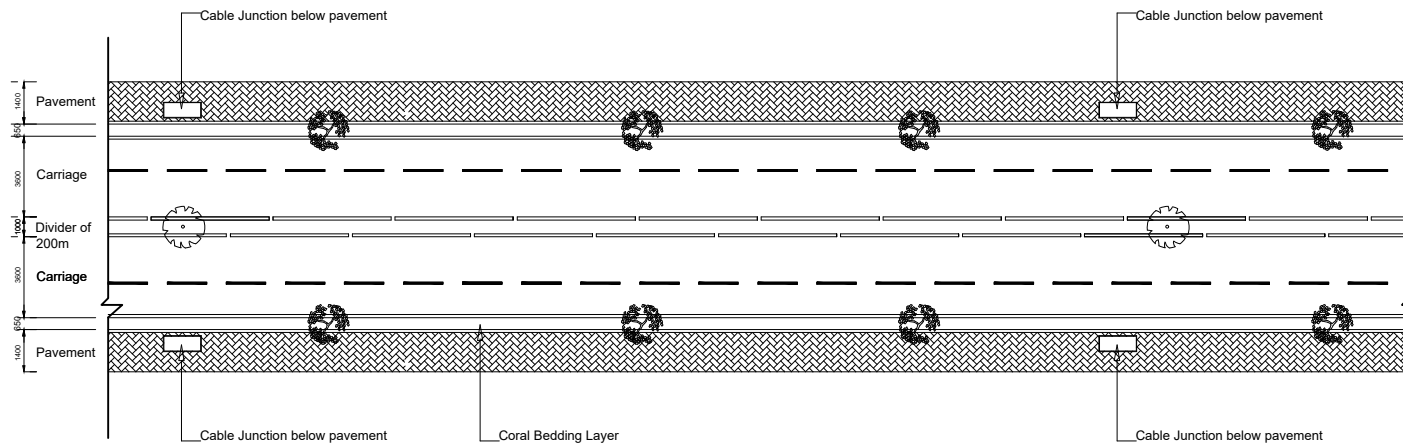


DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: GAH-RC-2020-02
 DRAWING NO: 04
 SCALE:
 DATE: MARCH 2020



VATHBANDEYRI MAGU - SECTION

SCALE 1:100



VATHBANDEYRI MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

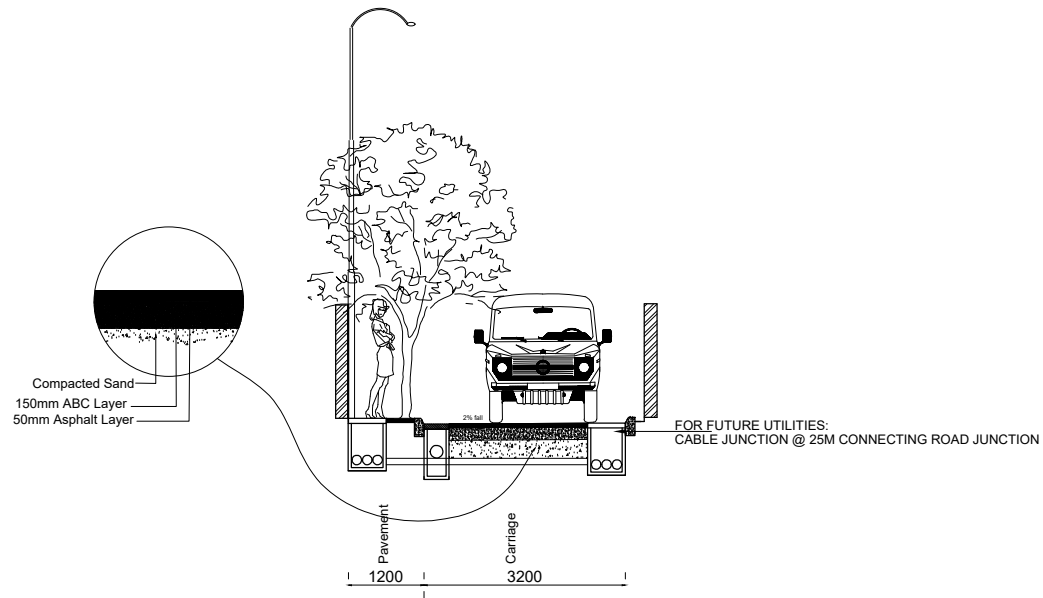
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Vathabandeyri Magu

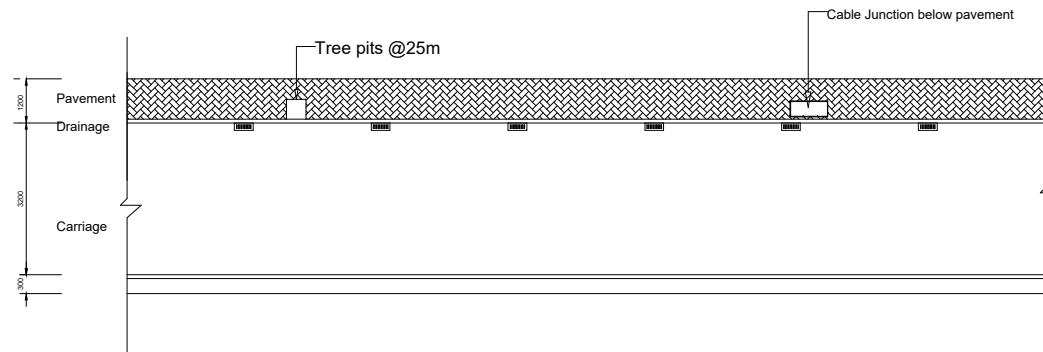


DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 05
SCALE: _____ **DATE:** MARCH 2020



ORCHID MAGU - SECTION

SCALE 1:100



ORCHID MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

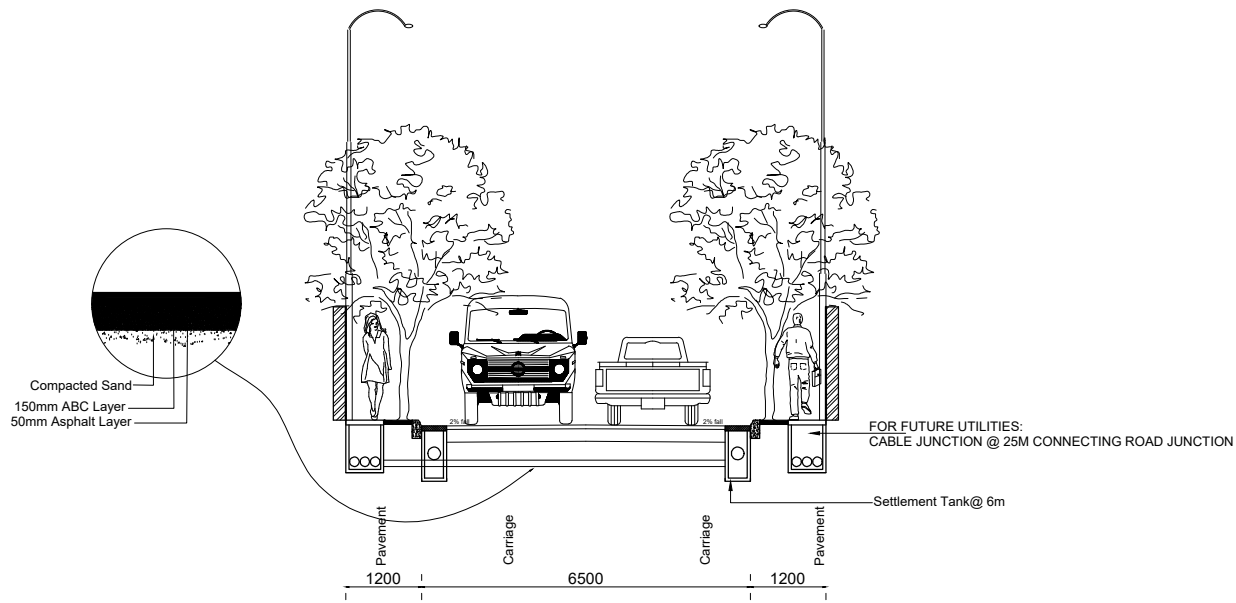
CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Orchid Magu

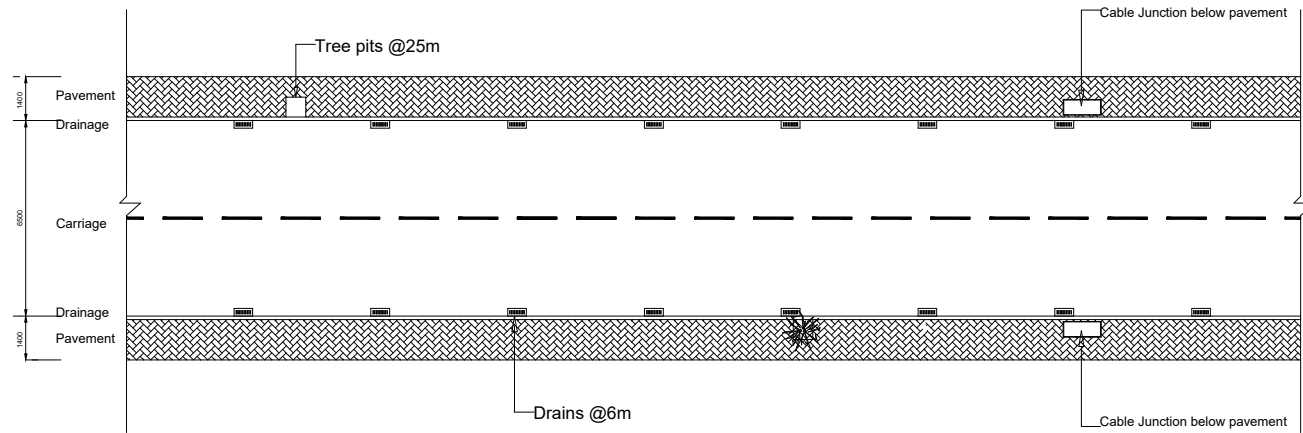


DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 06
SCALE: NTS
DATE: MARCH 2020



HANDHUVAREE MAGU - SECTION

SCALE 1:100



HANDHUVAREE MAGU - PLAN

SCALE 1:200

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
GDH. GAHDHOO
Handuvaree Magu



DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: GAH-RC-2020-02
 DRAWING NO: 07
 SCALE: NTS
 DATE: MARCH 2020

GDH. GADHDHOO
DESIGN & BUILD OF GDH.GADHDHOO MAJOR ROADS
CONCEPT DRAWINGS

DESIGNED BY:







ROAD DEVELOPMENT CORPORATION
ORCHID MAGU, MAAFANNU, MALE', REPUBLIC OF MALDIVES

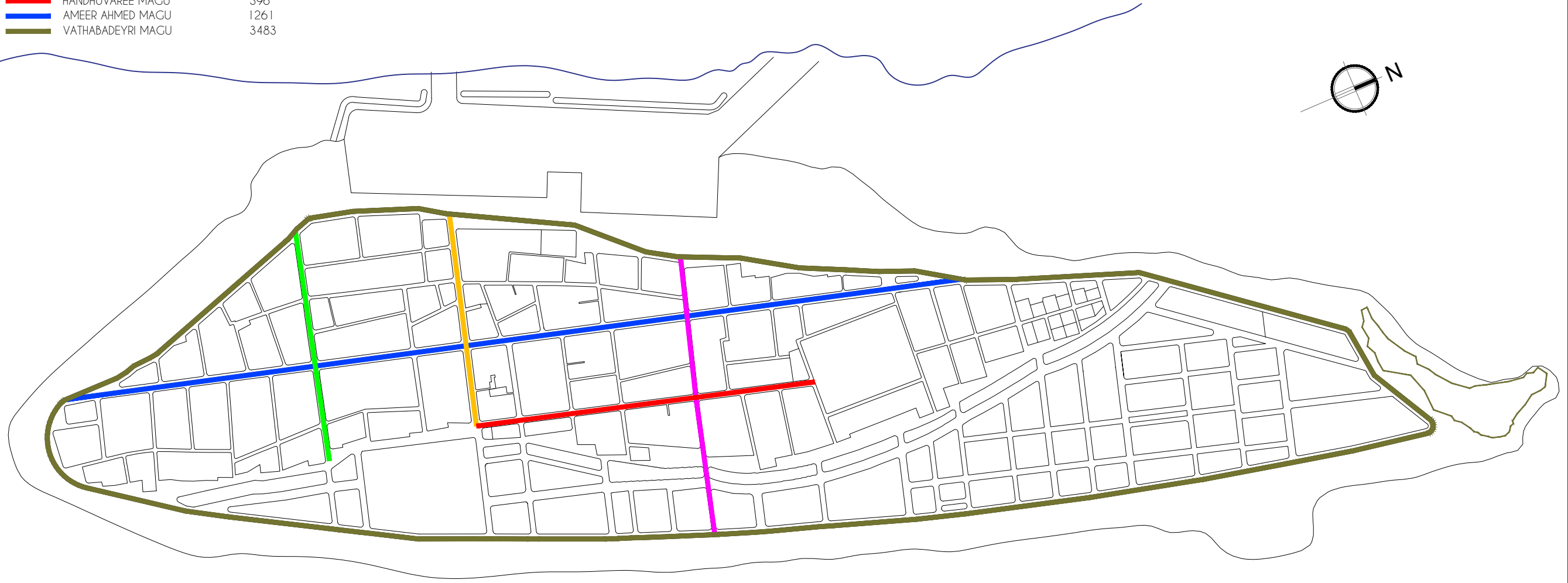
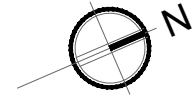
CLIENT:

MINISTRY OF NATIONAL PLANNING, HOUSING & INFRASTRUCTURE
AMEENEE MAGU, MAAFANNU, MALE' 20392, REPUBLIC OF MALDIVES

2021




LEGENDS	ROAD LENGTH (M)
 SHARIAL AMEERU MAGU	249
 VIOLET MAGU	299
 ORCHID MAGU	394
 HANDHUVAREE MAGU	396
 AMEER AHMED MAGU	1261
 VATHABADEYRI MAGU	3483



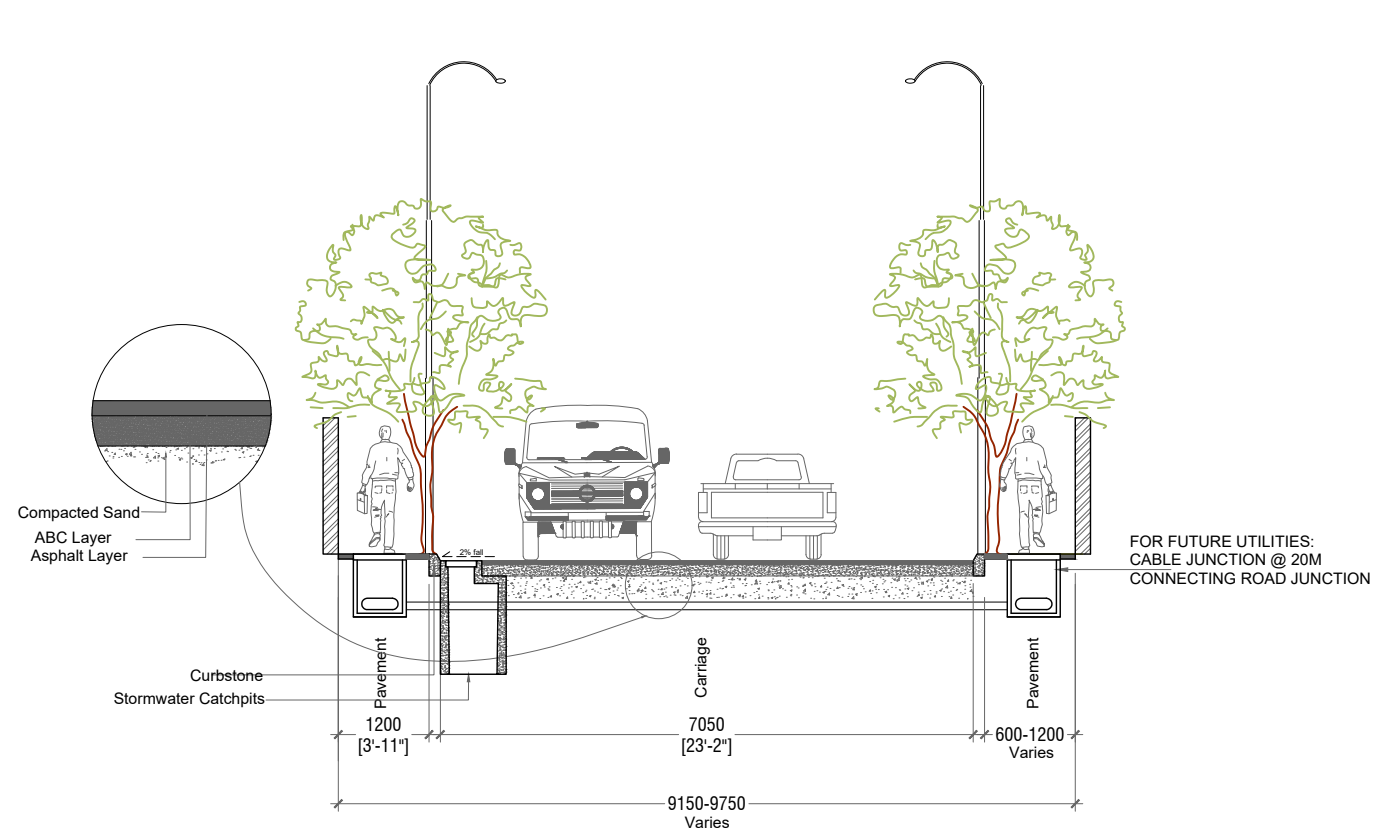
GDH.GAHDHOO ISLAND KEY PLAN

SCALE 1:5000

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

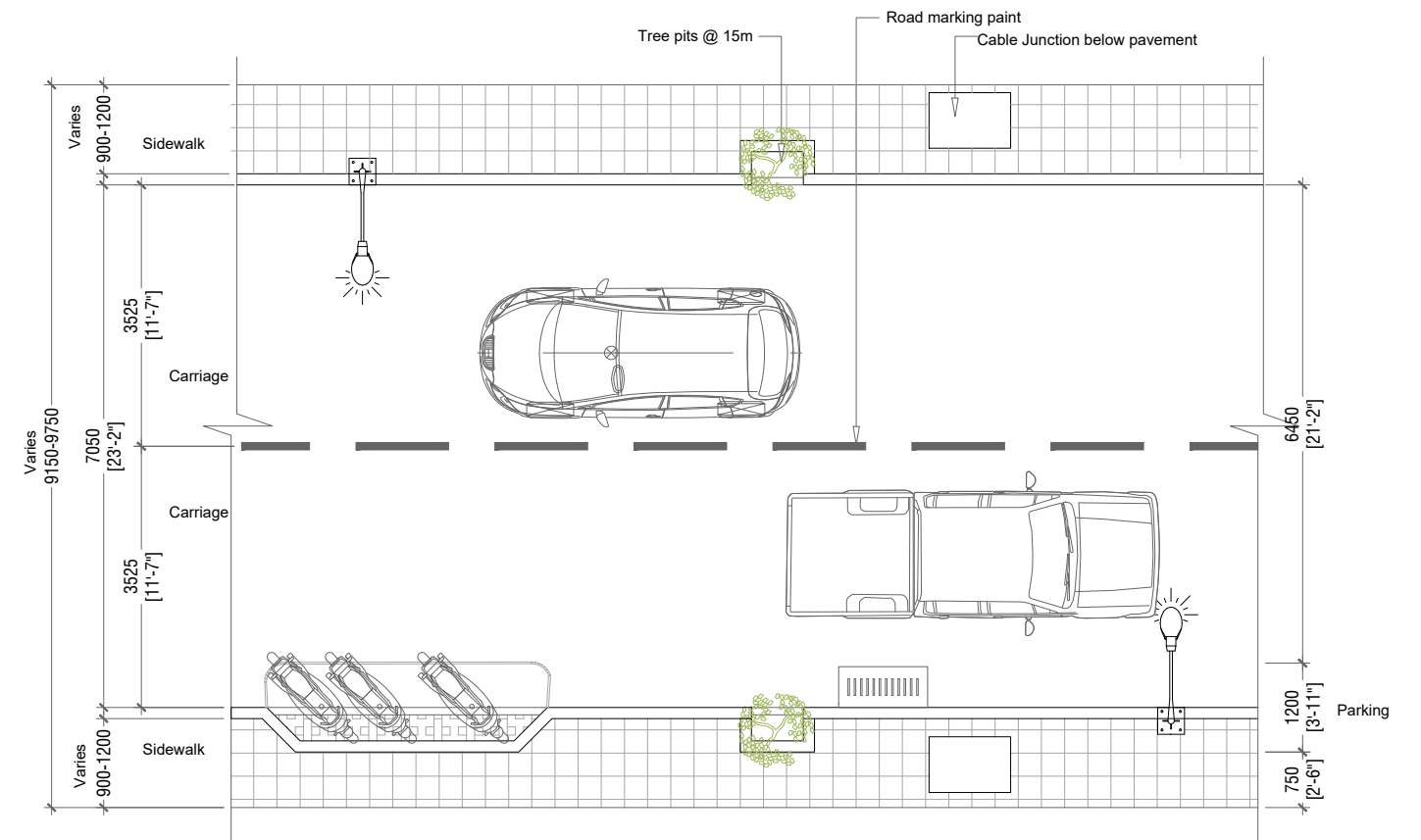
CLIENT:	CONTRACTOR:	DRAWING TITLE:		DRAWN BY: SHIYAZ	
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	PROPOSED ROADS		APPROVED BY: ALI ZAMEER	
AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES	ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES			PROJECT NO: GAH-RC-2020-02	
				DRAWING NO: 00	
				SCALE: 1:100	DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Ameer Ahmed magu	Single	900-1200	-	3525	(7050) 3525	900-1200	-	1261	approx. 3026.4	approx. 8890.05



AMEER AHMED MAGU - SECTION

SCALE 1:100



AMEER AHMED MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

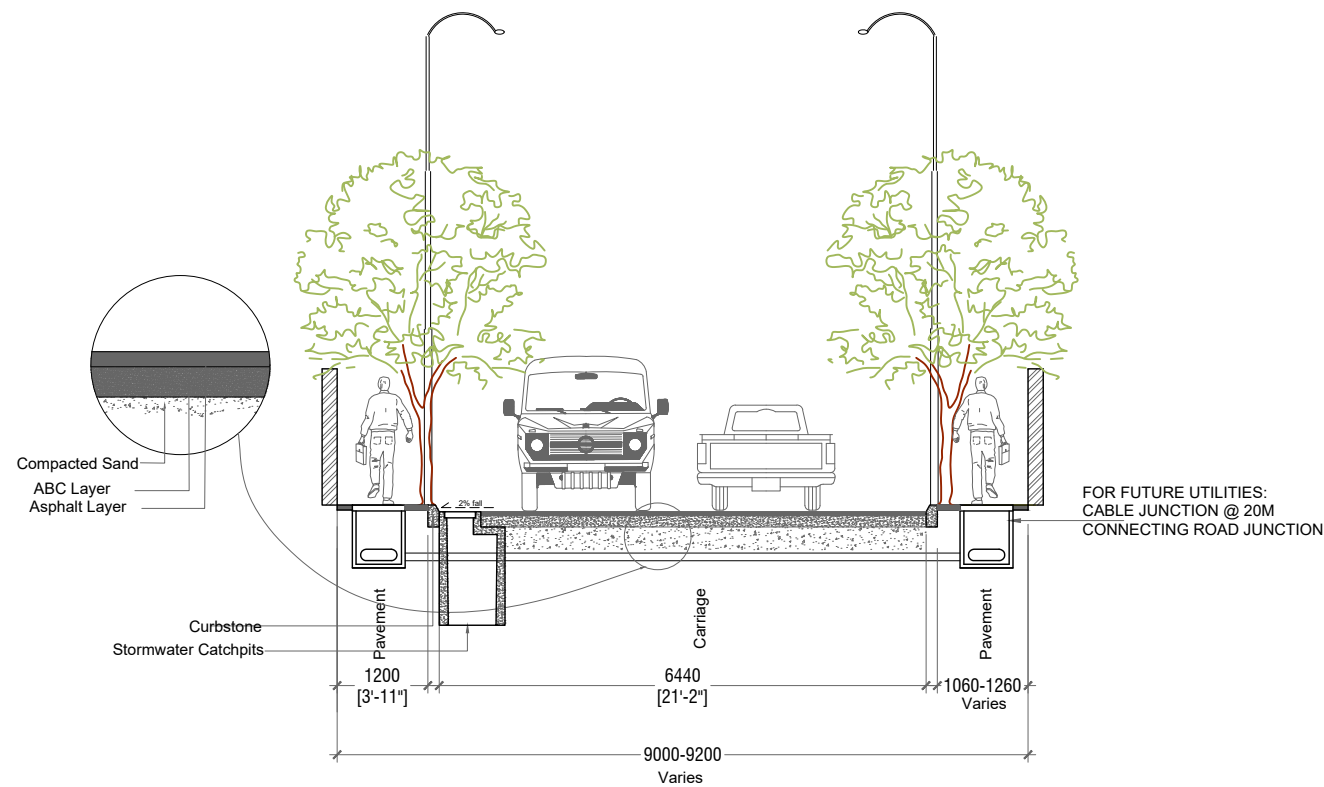
CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
AMEER AHMED MAGU
- Revised Concept



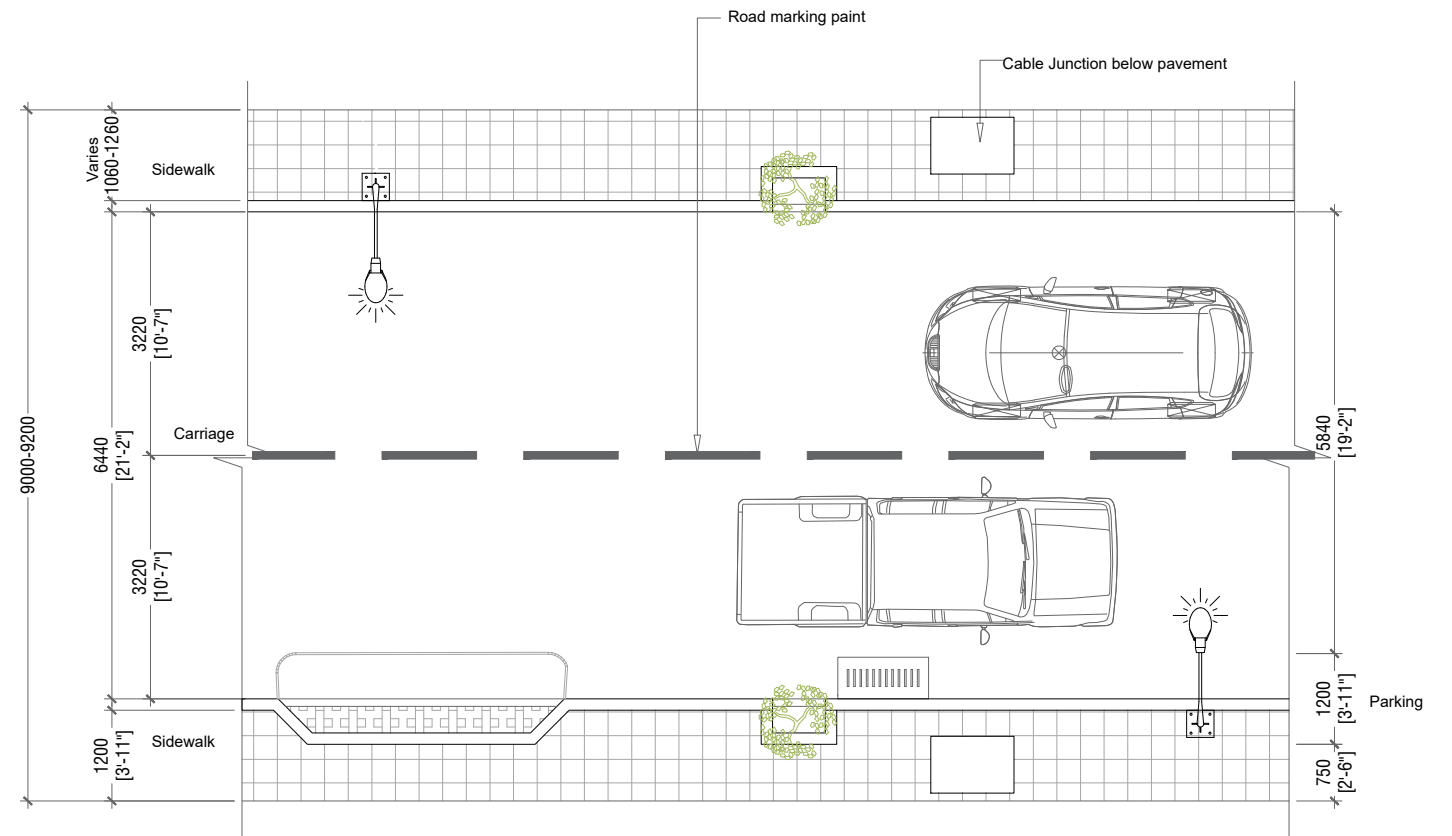
DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 01
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Shaarial Ameeru Magu	Single	1200	-	3220	(6440) 3220	1060-1260	-	249	approx. 597.6	approx. 1603.56



SHAARIAL AMEEN MAGU - SECTION

SCALE 1:100



SHAARIAL AMEEN MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

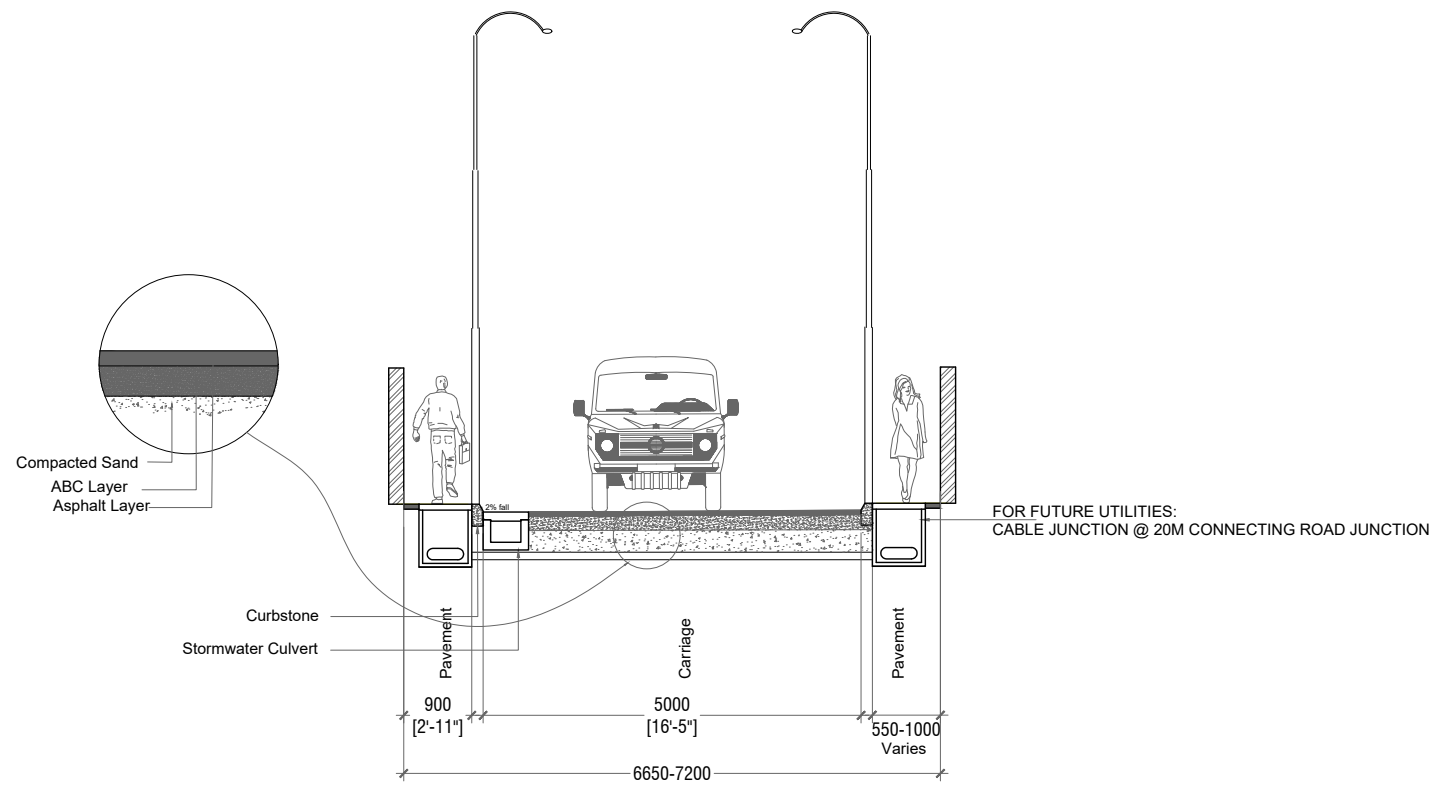
CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
**SHARIAL AMEEN
MAGU - Revised
Concept**



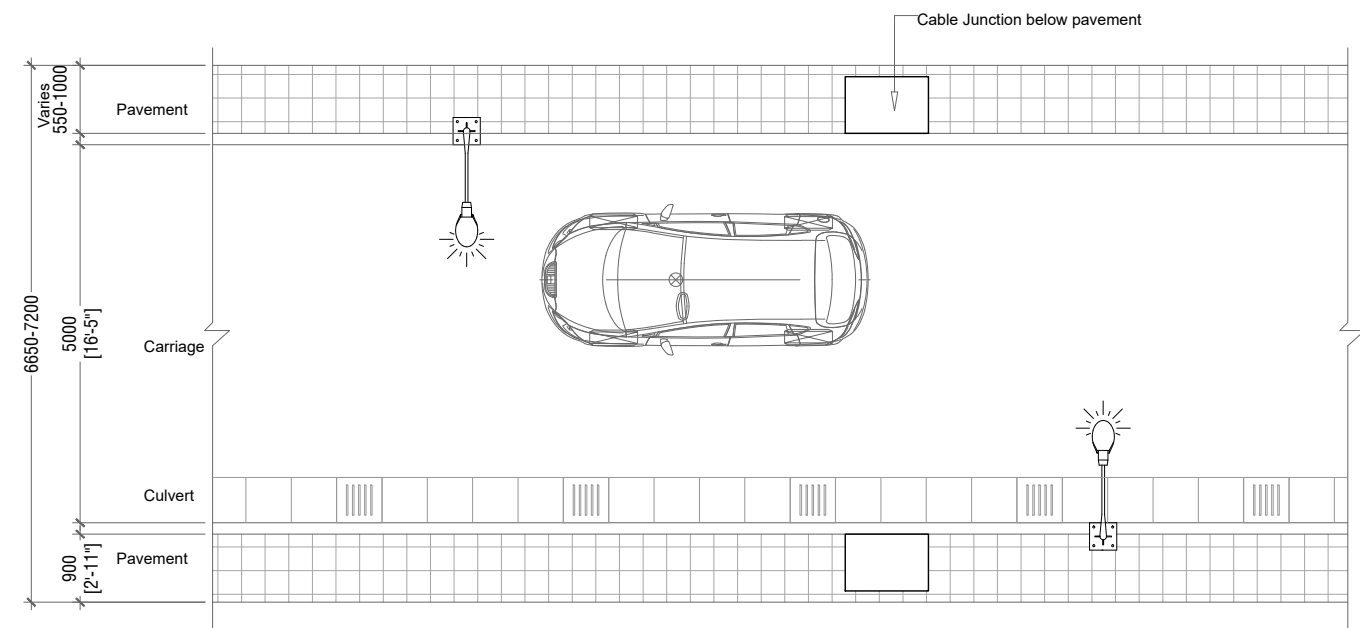
DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Violet Magu	Single	900	-	5000	(5000) -	550-1000	-	299	approx. 538.2	approx. 1495



VIOLET MAGU - SECTION

SCALE 1:100



VIOLET MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

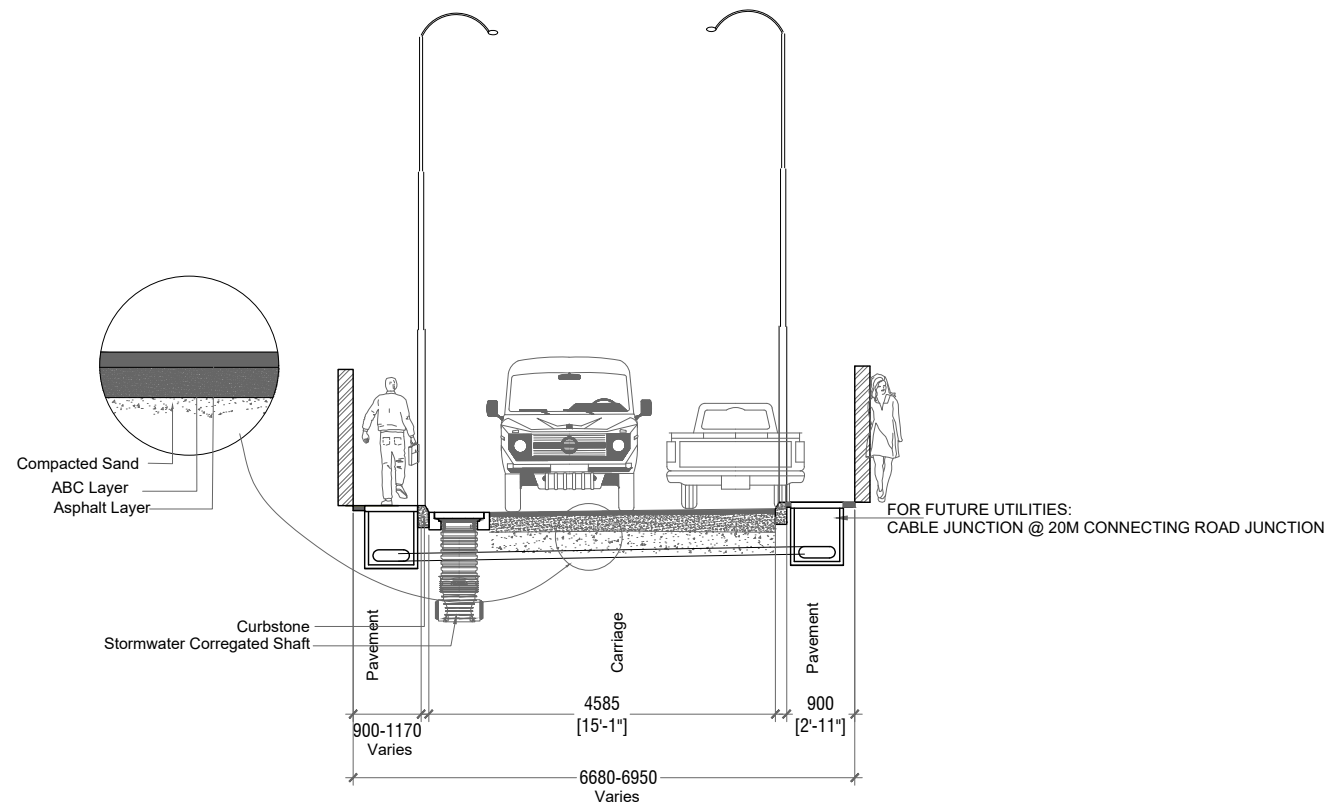
CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
VIOLET MAGU



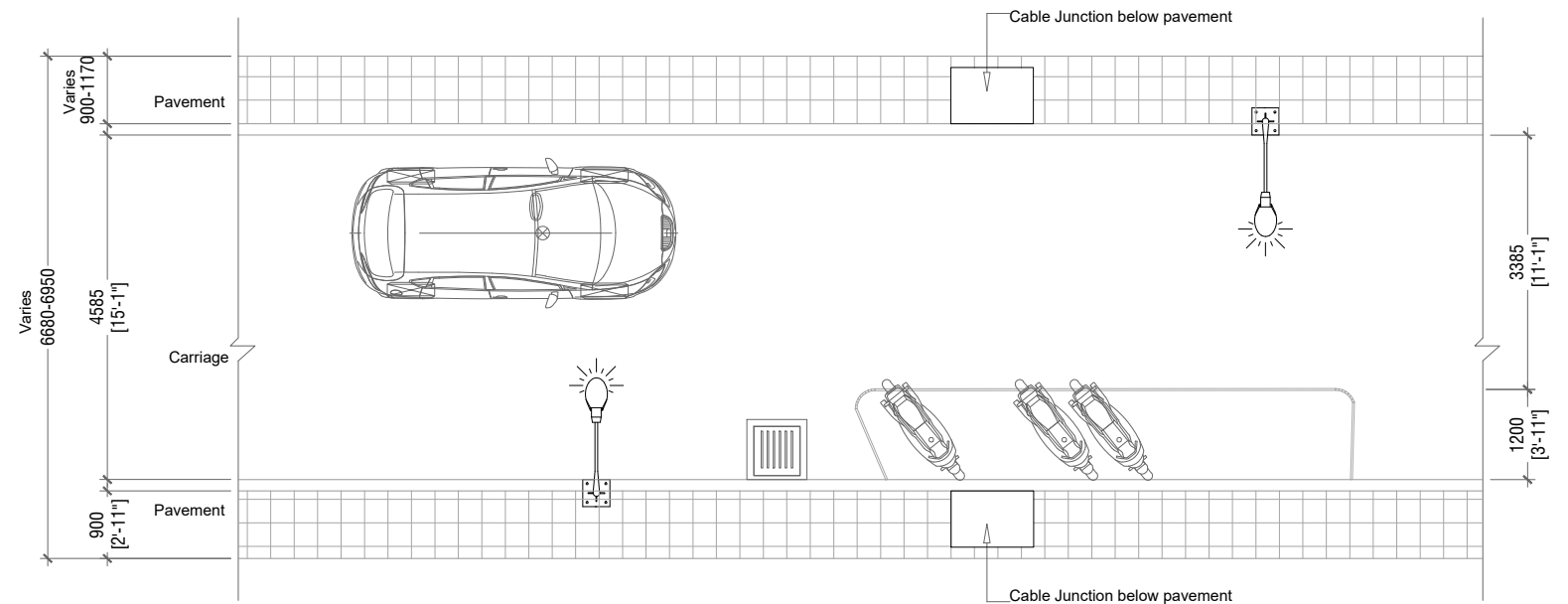
DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Handhuvaree Magu	Single	900 - 1170	-	4585	(4585) -	900	-	396	approx. 712.8	approx. 1968.12



HANDHUVAREE MAGU - SECTION

SCALE 1:100



HANDHUVAREE MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

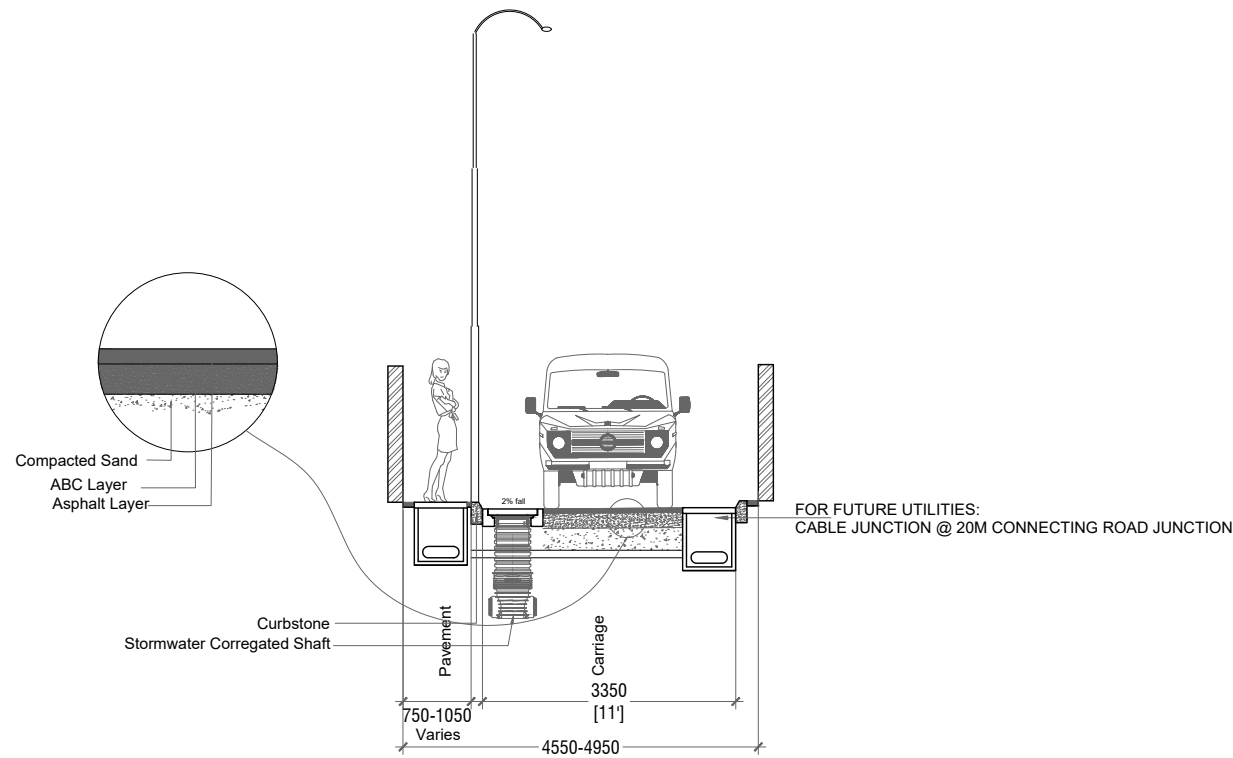
CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
**HANDHUVAREE
MAGU**

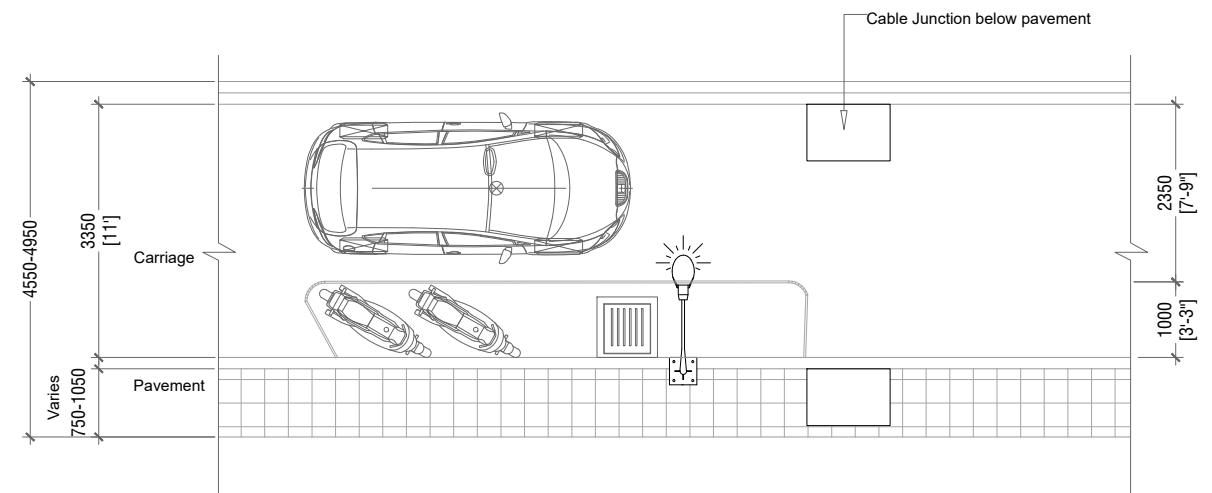


DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Orchid Magu	Single	750-1050	-	3350	(3350) -	-	-	394	approx. 354.6	approx. 1320



ORCHID MAGU 2 - SECTION
SCALE 1:100



ORCHID MAGU 2 - PLAN
SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

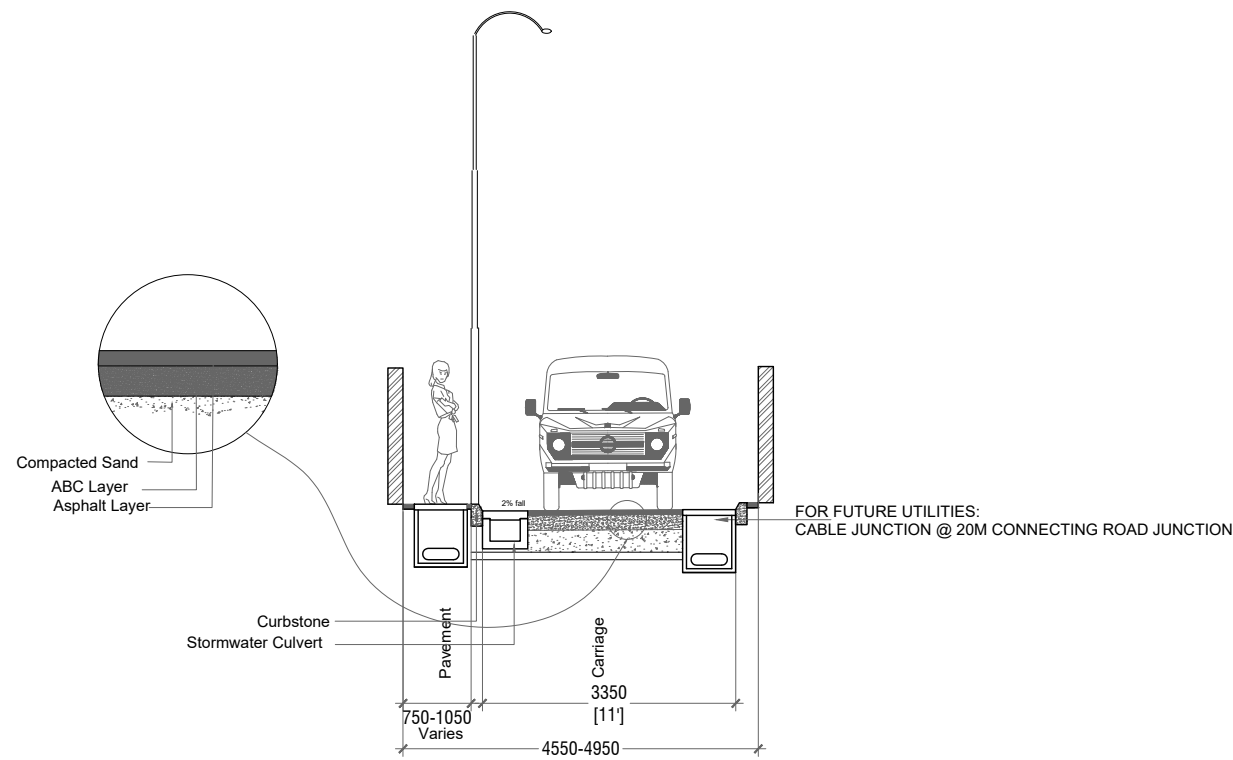
CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
ORCHID MAGU

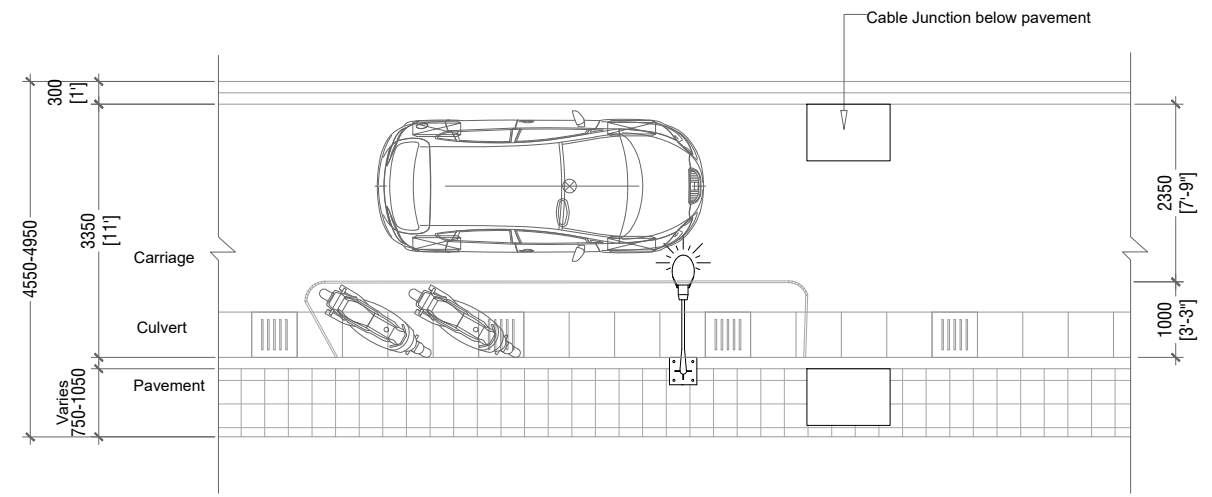


DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area	
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)
Orchid Magu	Single	900	-	3350	(3350)	-	-	394	approx. 354.6	approx. 1320



ORCHID MAGU 1 - SECTION
SCALE 1:100



ORCHID MAGU 1 - PLAN
SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

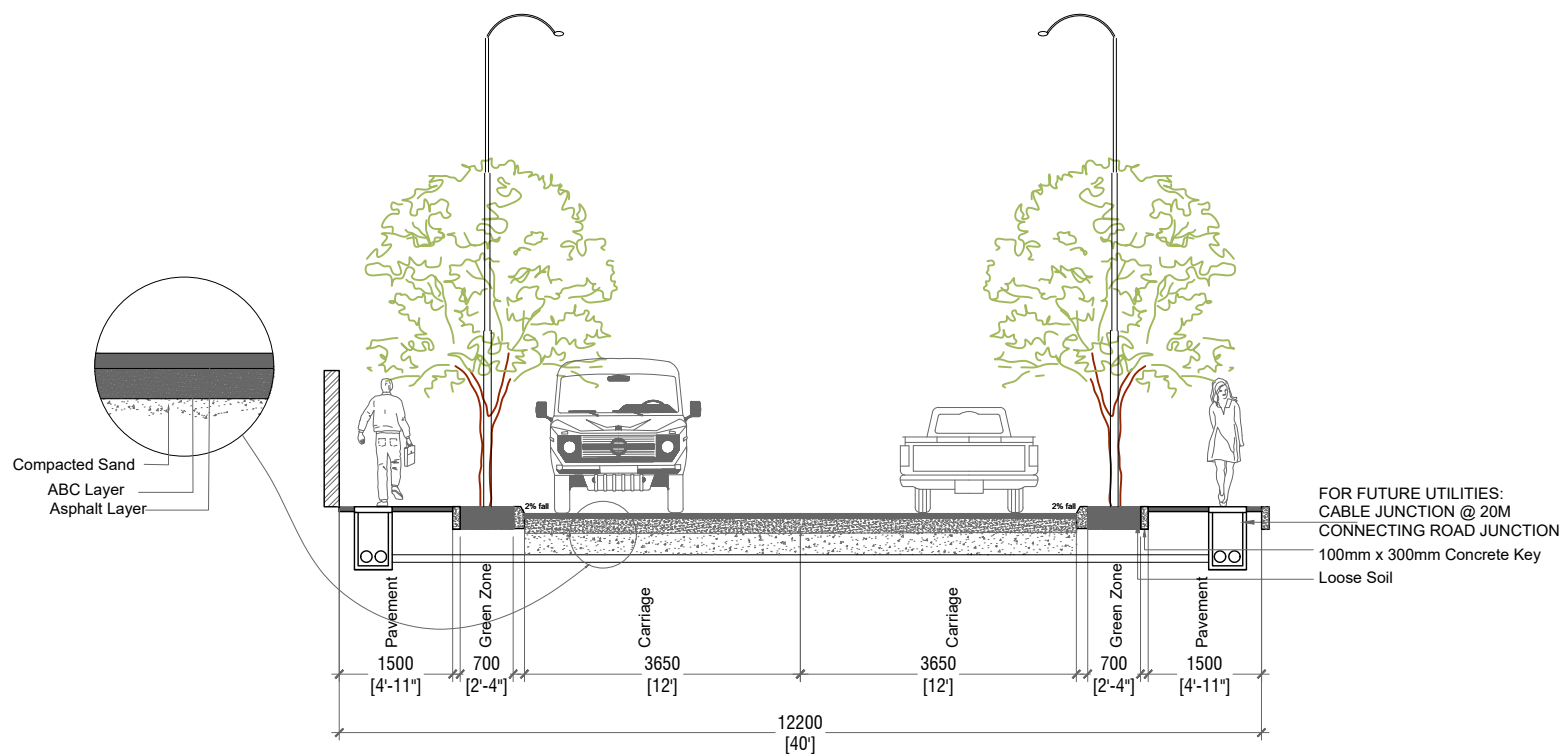
CONTRACTOR:
ROAD DEVELOPMENT CORPORATION LTD.
ORCHID MAGU,
MAAFANNU, MALE'
REPUBLIC OF MALDIVES

DRAWING TITLE:
ORCHID MAGU



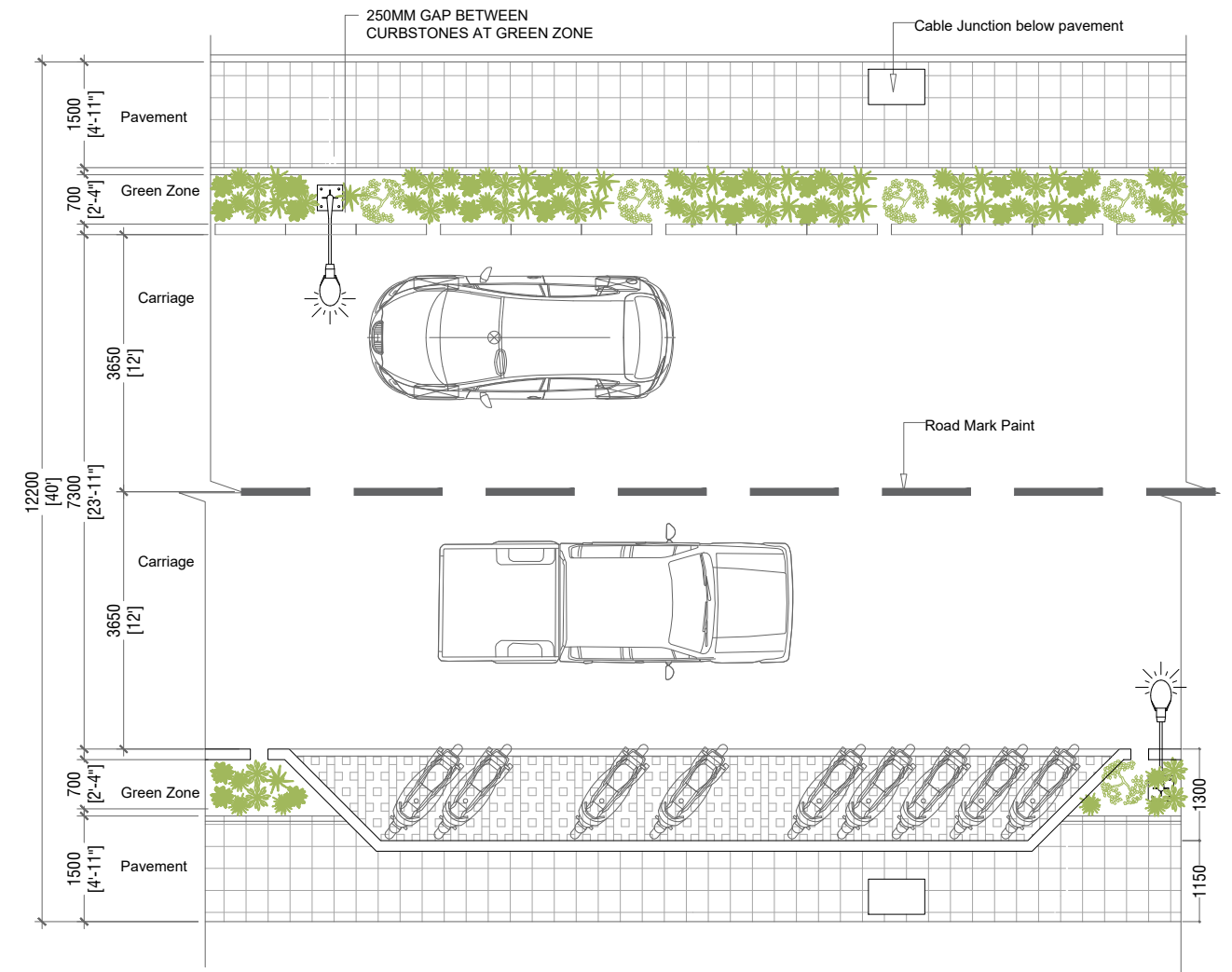
DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022

Road name	Type	L.S		Carriage Way		R.S		Length(m)	Area		
		Footpath(mm)	Greenzone(mm)	Lane 1 (mm)	Lane 2 (mm)	Footpath(mm)	Greenzone(mm)		Footpath (sqm)	Carriageway (sqm)	
Vathabadeyri Magu	Double	1500	700	3650	(7300)	3650	1500	700	3483	approx. 10449	approx. 22291.2



VATHBANDEYRI MAGU - SECTION

SCALE 1:100



VATHBANDEYRI MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF GDH. GAHDHOO MAJOR ROADS

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 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
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CONTRACTOR:
 ROAD DEVELOPMENT CORPORATION LTD.
 ORCHID MAGU,
 MAAFANNU, MALE'
 REPUBLIC OF MALDIVES

DRAWING TITLE:
**VATHABANDEYRI
 MAGU**



DRAWN BY: SHIYAZ
APPROVED BY: ALI ZAMEER
PROJECT NO: GAH-RC-2020-02
DRAWING NO: 02
SCALE: 1:100
DATE: FEB 2022