



Road Development Corporation Limited
Republic of Maldives

**Terms of Reference for
Addendum to Environmental Impact Assessment report of
Adh. Maamigili Road Development project**

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 Adh. Maamigili Road Development project.

2. SCOPE OF WORK.

- A. Consultancy services for making addendum to Environmental Impact Assessment for Adh. Maamigili 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 of 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

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 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 following categories.

To provide the top-level performance of the assigned task(s), the Consultant shall utilise 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.

Completion letters for similar nature projects will be accepted for both Company and for the individual key expert. **Maximum three project completion letters will be considered from each previous client of the Company/Individual key expert.** Completion letters for similar nature projects will have to be addressed either to the Company or the individual key expert stating the nature of works undertaken, contract value (minimum MVR 100,000), duration/time period the project was completed.

The Consultant should utilize the following personnel.

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	

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

DRAINAGE LAYOUT / ADh.MAAMIGILI



LEGEND

-  PUMP STATION
 -  SETTLEMENT TANK SINGLE PIPE
 -  SETTLEMENT TANK DOUBLE PIPE
 -  ZONE 1&2 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 3 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 4&5 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 6&7 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 8 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 9&10 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  PUMPING MAIN (PN10)
200mm FROM PS to MAINS
315mm in MAINS
- NOTE: ALL INVERTS TAKEN FROM MSL

PROJECT:
**ADh. MAAMIGILI
STORMWATER DESIGN**

CLIENT:
RDC

DESIGNED BY ABDULLA RASHEED

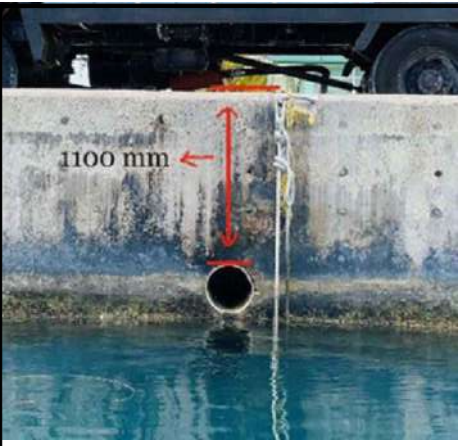
CHECKED BY =

DRAWN BY ABDULLA RASHEED













REV: ----- ----- -----	PAGE: B - 00
--	-----------------------------------

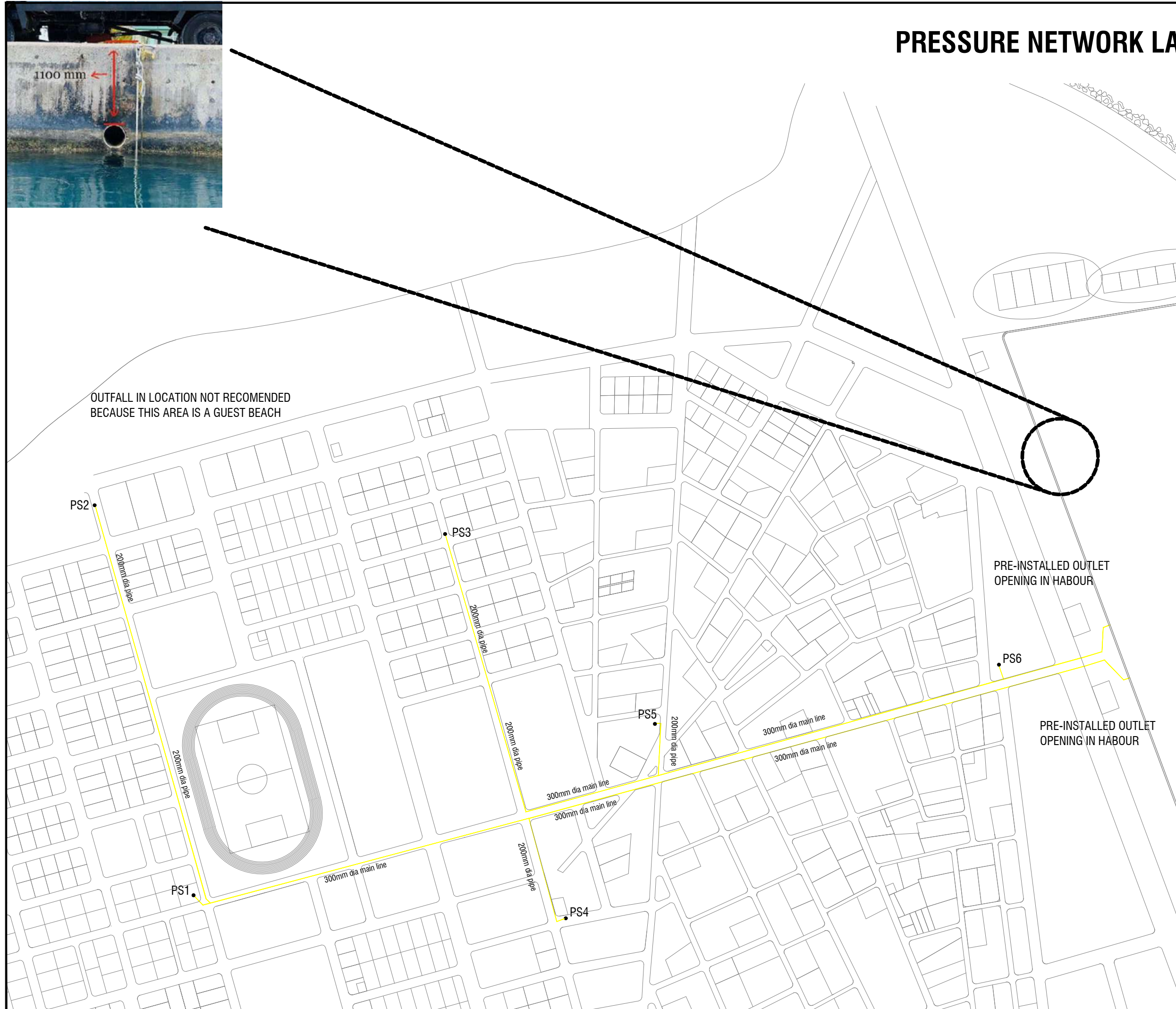
PRESSURE NETWORK LAYOUT / ADh.MAAMIGILI



LEGEND

-  PUMP STATION
 -  SETTLEMENT TANK SINGLE PIPE
 -  SETTLEMENT TANK DOUBLE PIPE
 -  ZONE 1&2 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 3 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 4&5 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 6&7 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 8 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  ZONE 9&10 UPVC GRAVITY SDR 41 CONDUIT (300mm)
 -  PUMPING MAIN (PN10)
200mm FROM PS to MAINS
315mm in MAINS
- NOTE: ALL INVERTS TAKEN FROM MSL

OUTFALL IN LOCATION NOT RECOMENDED
BECAUSE THIS AREA IS A GUEST BEACH



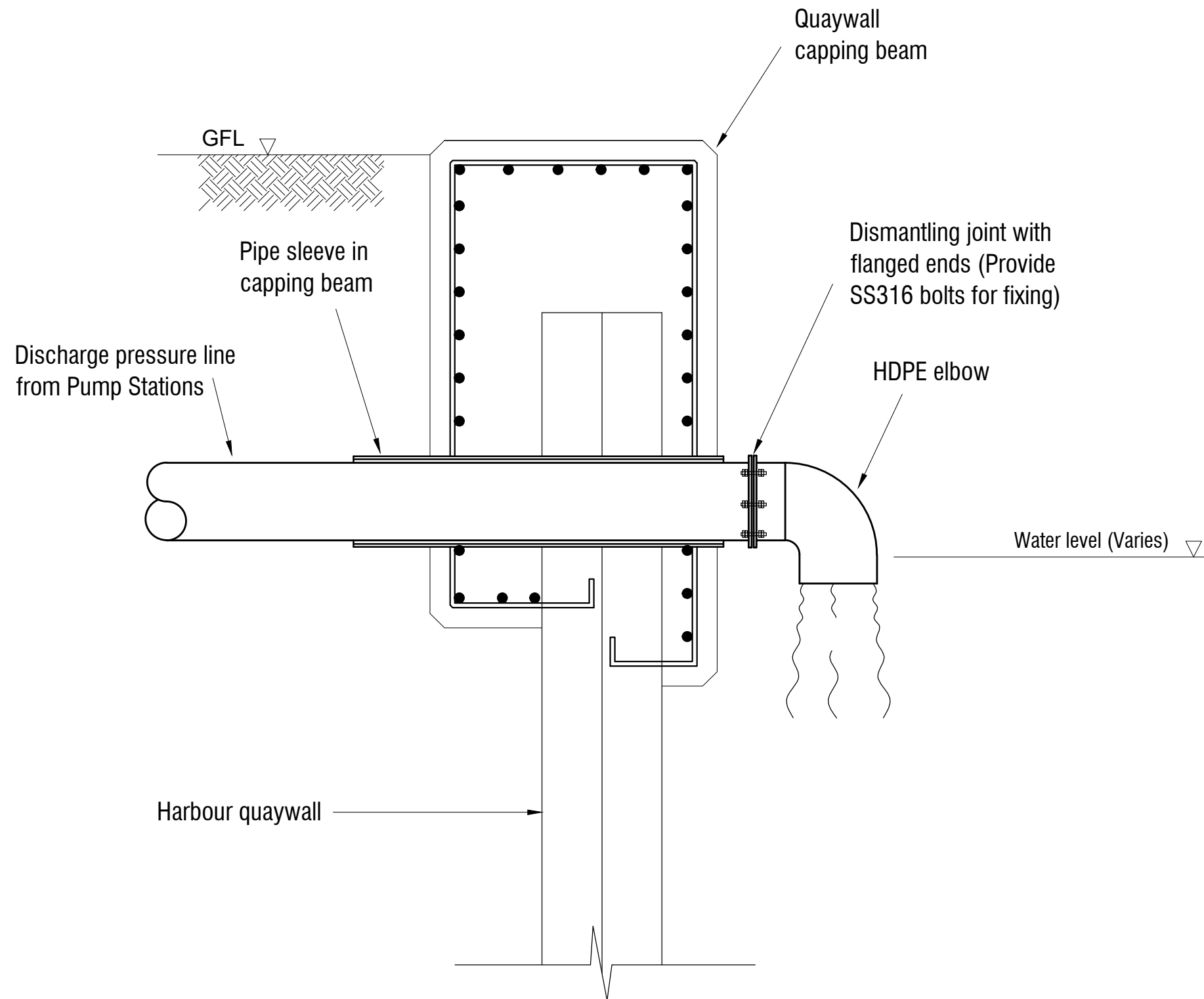
PROJECT:
**ADh. MAAMIGILI
STORMWATER DESIGN**

CLIENT:
RDC

DESIGNED BY	ABDULLA RASHEED
CHECKED BY	=
DRAWN BY	ABDULLA RASHEED



REV:	PAGE:
-----	A - 14



HARBOUR OUTFALL DETAIL

PROJECT:
**ADh. MAAMIGILI
 STORMWATER DESIGN**

CLIENT:
RDC

DESIGNED BY ABDULLA RASHEED

CHECKED BY =

DRAWN BY ABDULLA RASHEED



REV: _____

PAGE:
A - 13

ADH. MAAMIGILLI
DESIGN & BUILD OF ADH.MAAMIGILI MAJOR ROADS
DETAILED DRAWINGS

DESIGNED BY:

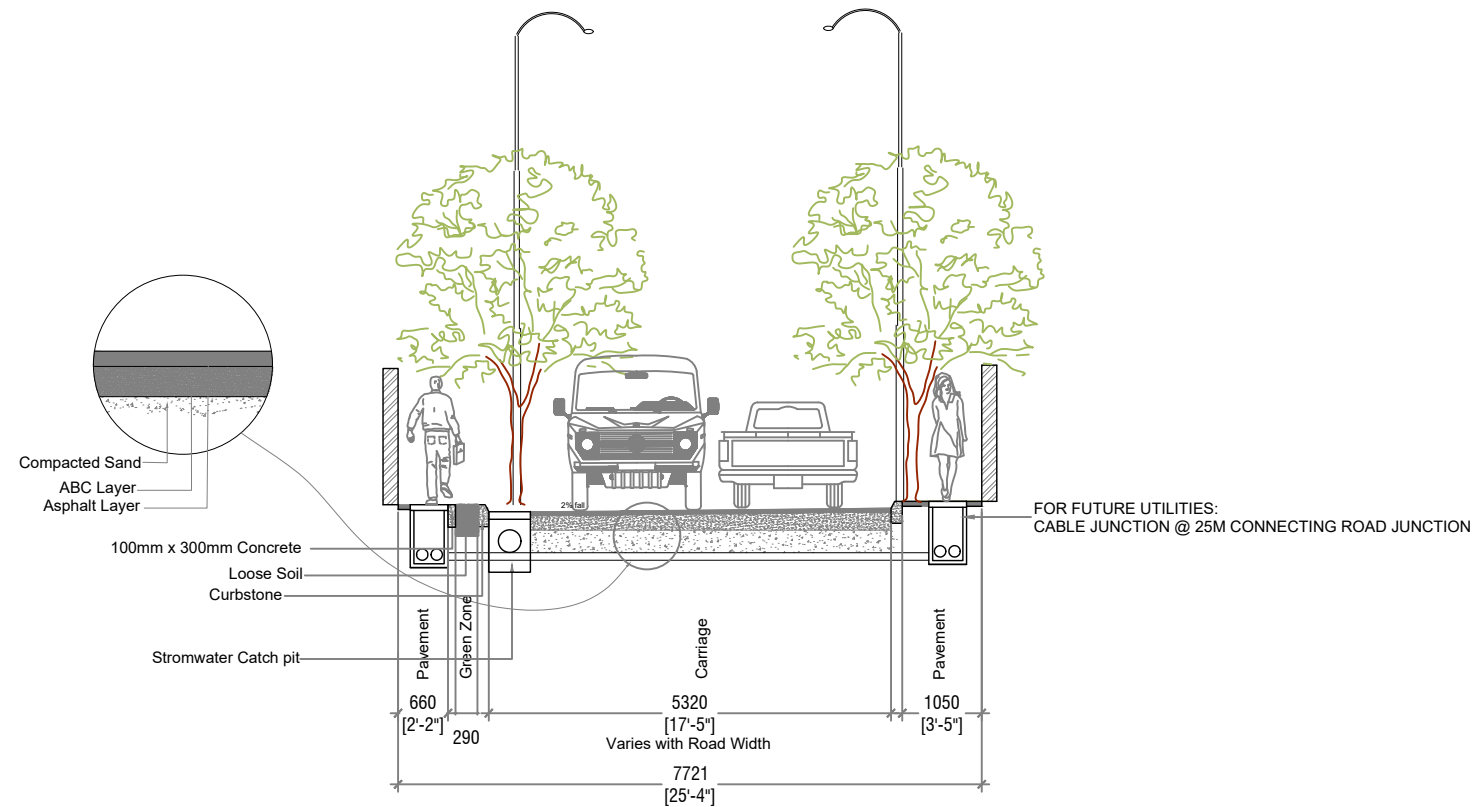
ROAD DEVELOPMENT CORPORATION
ORCHID MAGU, MAAFANNU, MALE', REPUBLIC OF MALDIVES

CLIENT:

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

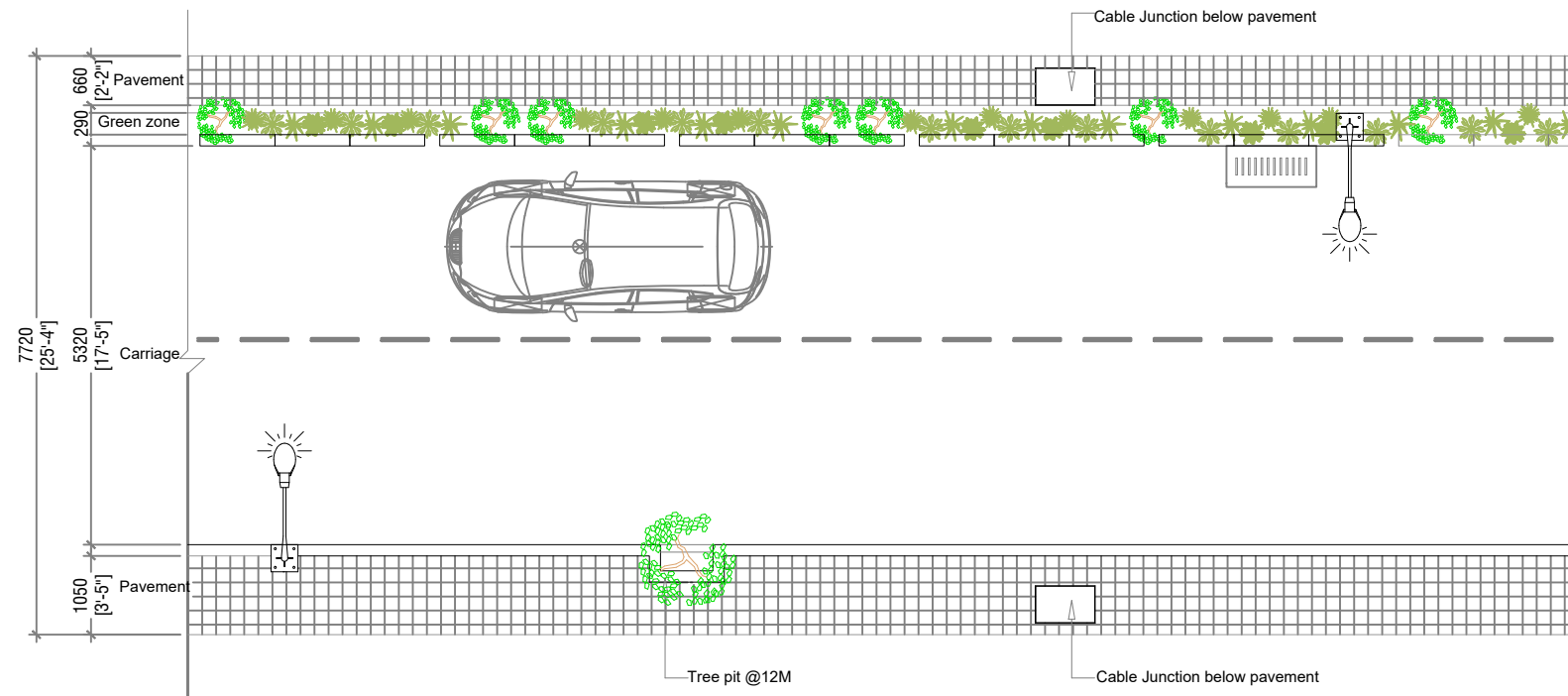
2021





AMEENEE MAGU - SECTION

SCALE 1:100



AMEENEE MAGU - PLAN (OPTION - 1)

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

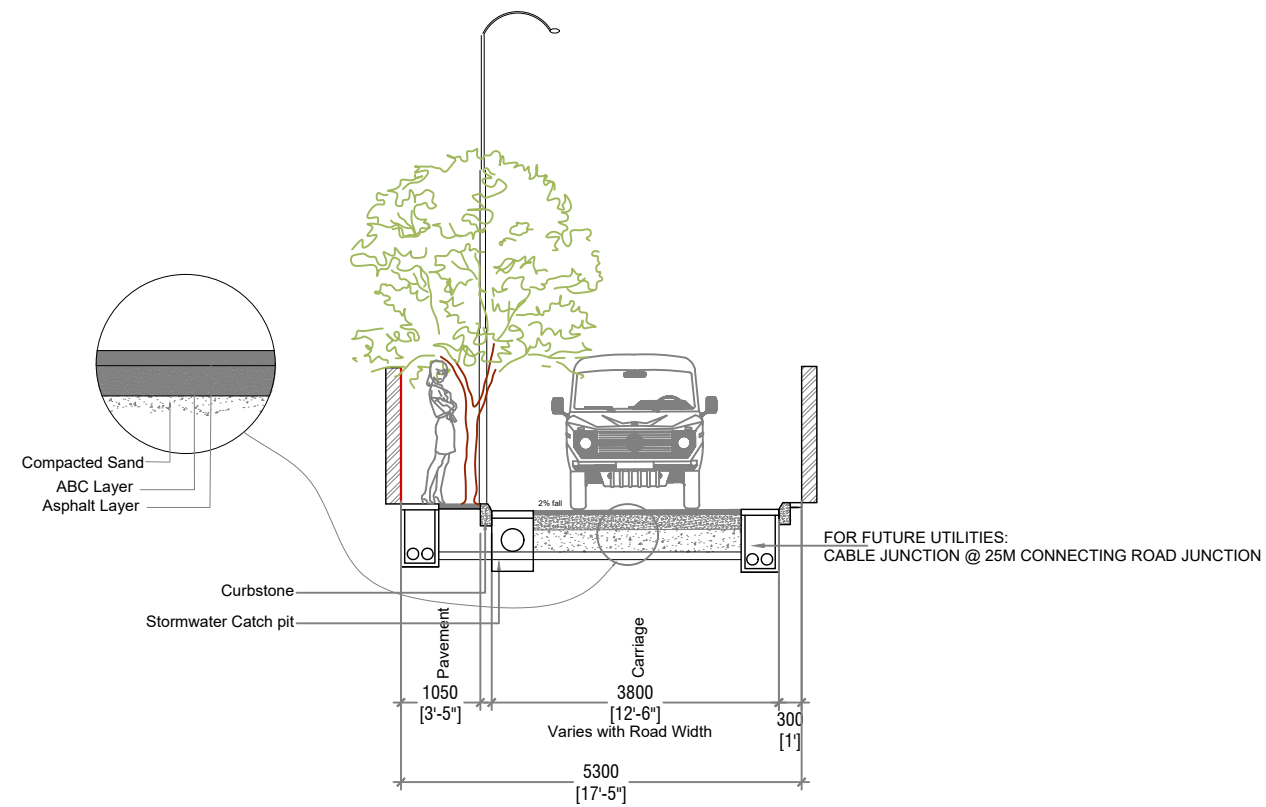
CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

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

DRAWING TITLE:
**ROAD CONCEPTS
AMEENEE MAGU**

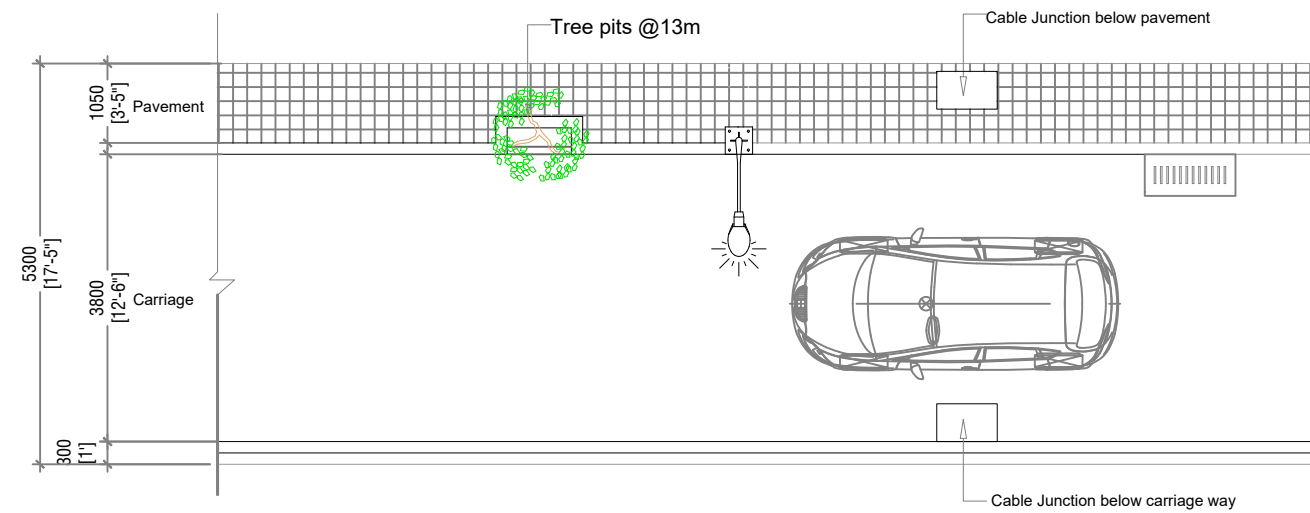


DRAWN BY: AHMED IRFAN
APPROVED BY: ALI ZAMEER
PROJECT NO: MAA-RC-2020-03
DRAWING NO: 01
SCALE: 1:100
DATE: NOVEMBER 2021



BONTHIJEHI MAGU - SECTION

SCALE 1:100



BONTHIJEHI MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

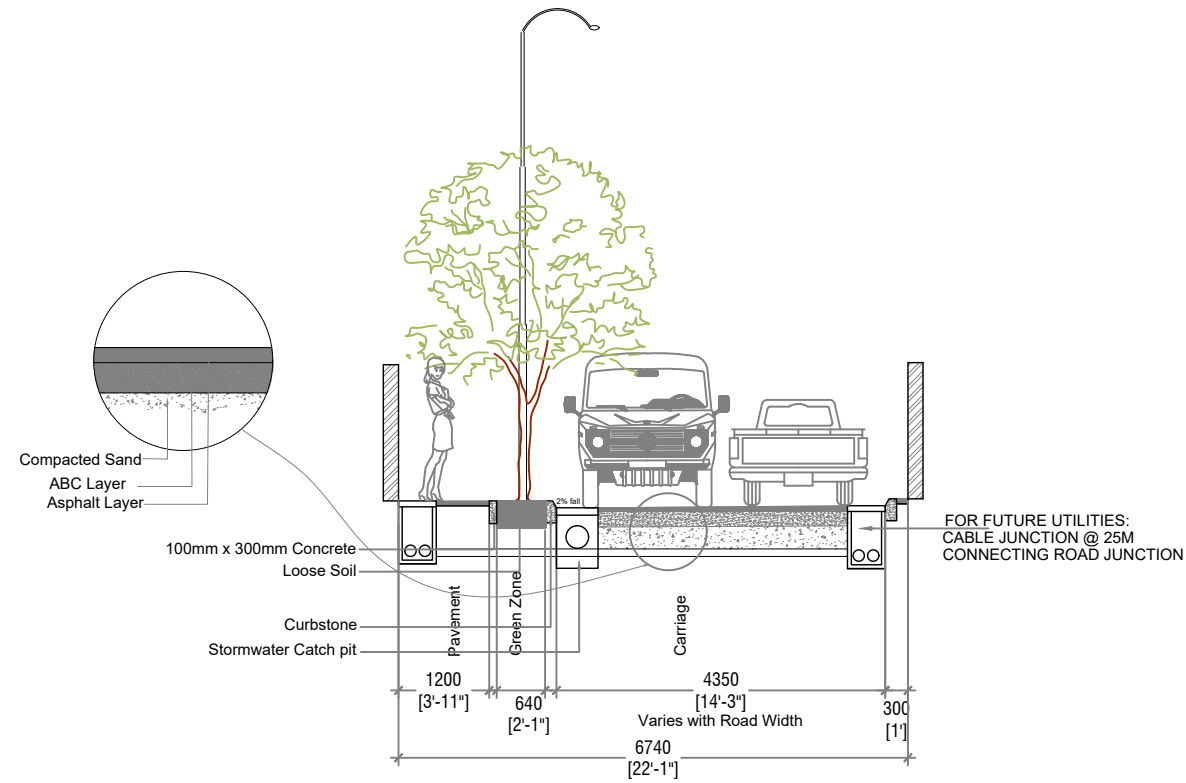
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

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

DRAWING TITLE:
 ROAD CONCEPTS
 BONTHIJEHI MAGU

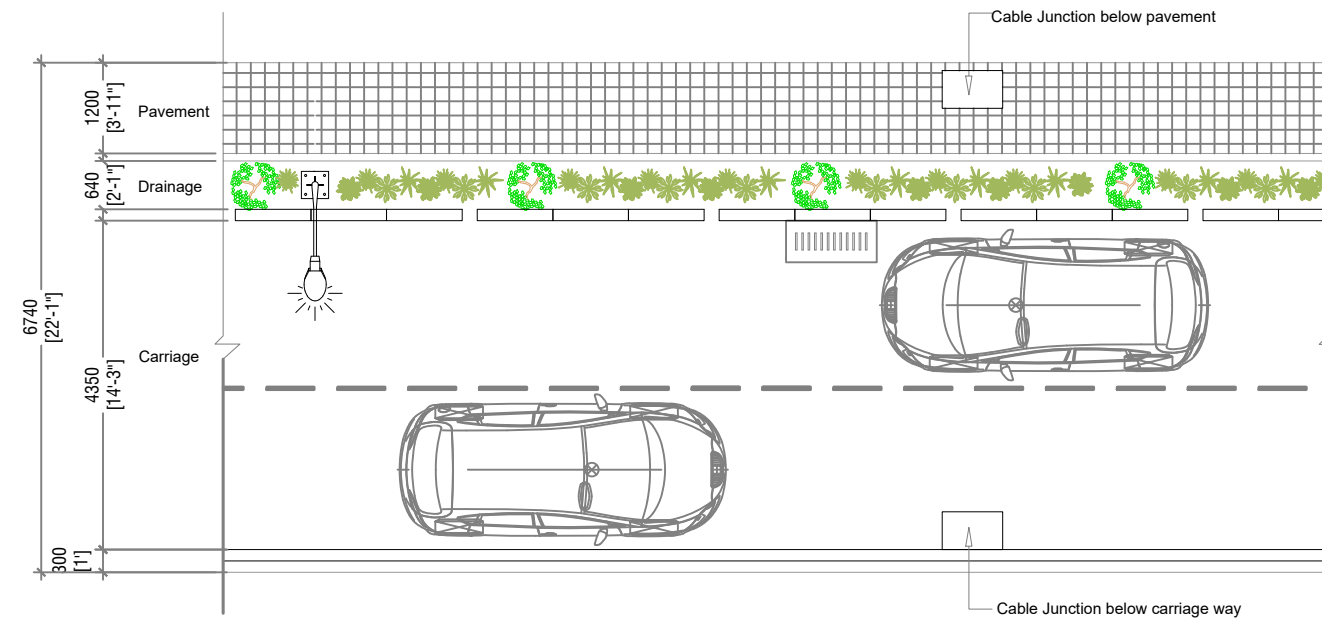


DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: MAA-RC-2020-03
 DRAWING NO: 02
 SCALE: 1:100
 DATE: FEBRUARY 2021



JAVAAHIRU MAGU - SECTION

SCALE 1:100



JAVAAHIRU MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI 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:

**ROAD CONCEPTS
 JAVAAHIRU MAGU**



DRAWN BY: ALI ZAMEER

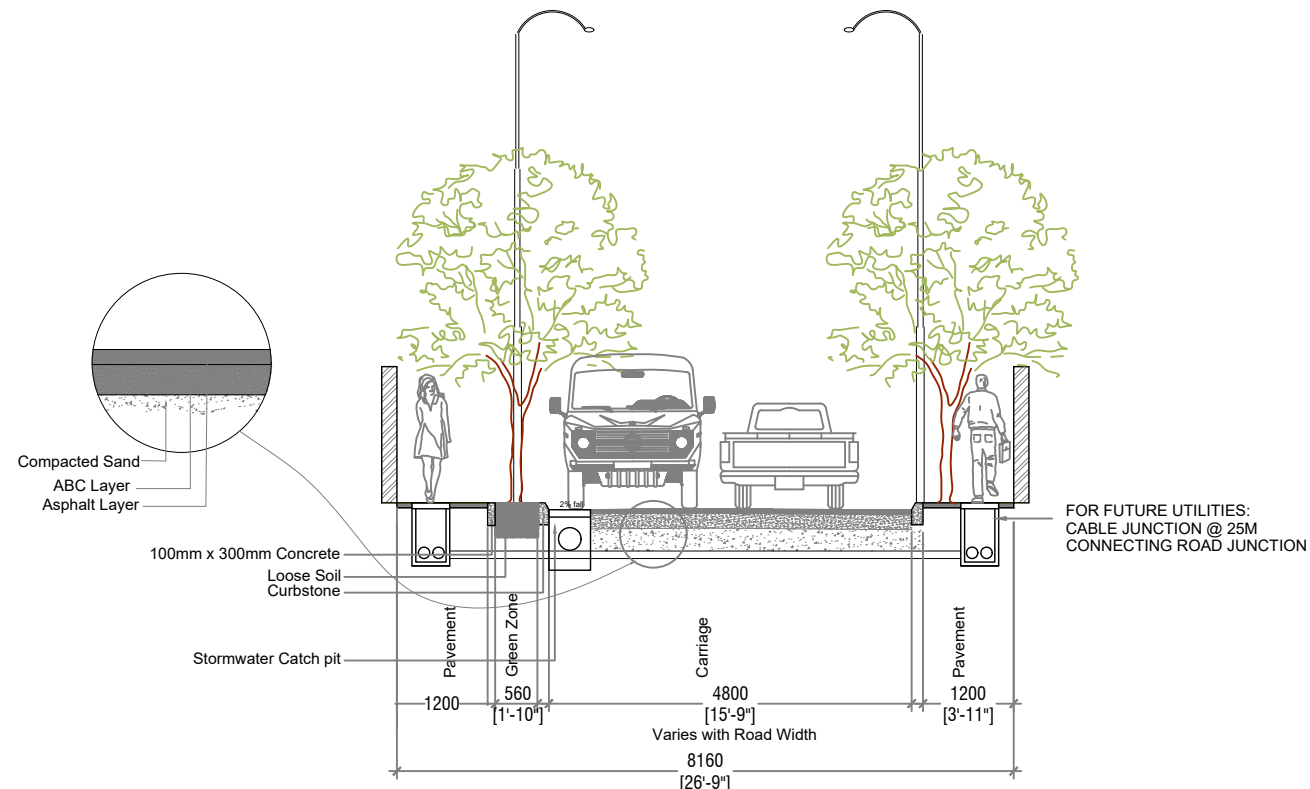
APPROVED BY: MOHAMED SHAREEF

PROJECT NO: MAA-RC-2020-03

DRAWING NO: 03

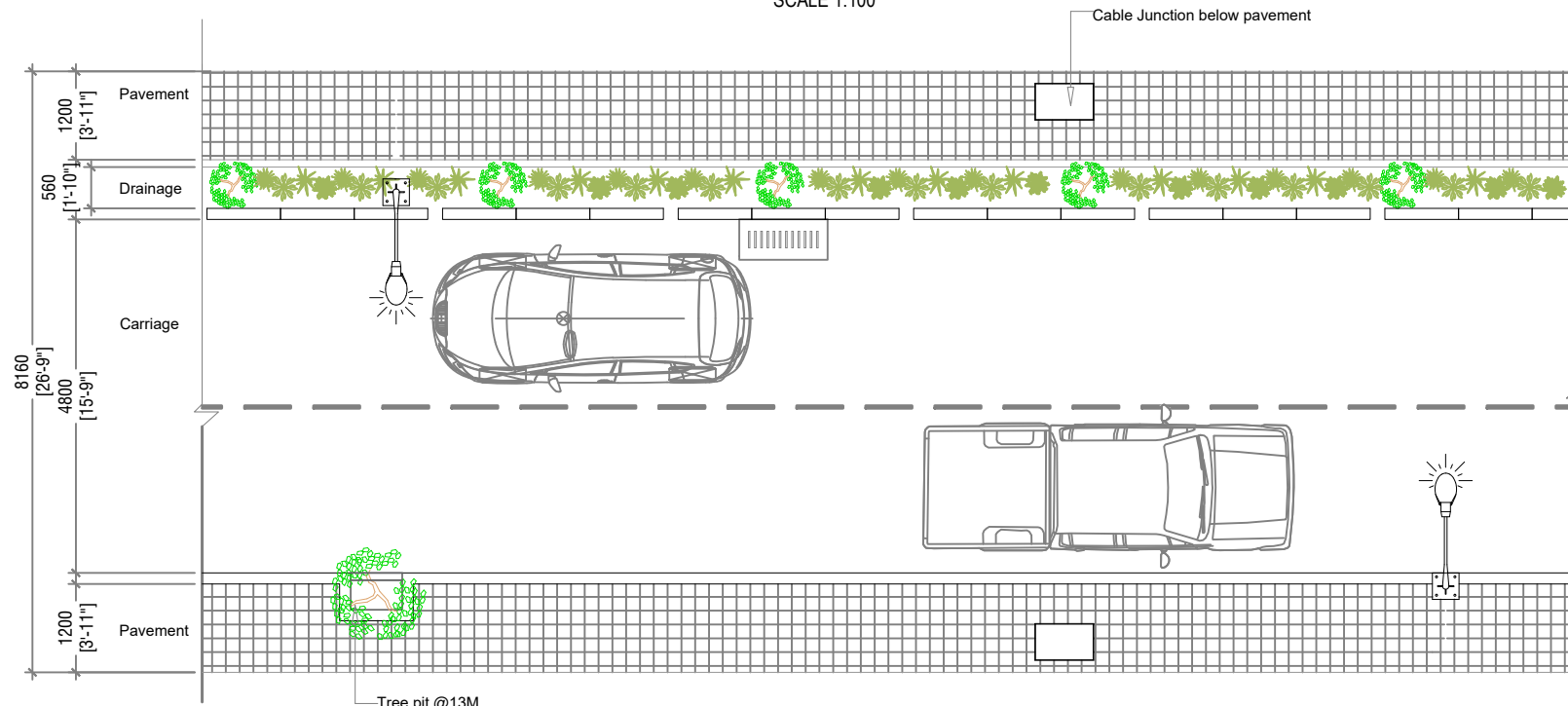
SCALE: 1:100

DATE: FEBRUARY 2021



GEVEHI MAGU - SECTION

SCALE 1:100



GEVEHI MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

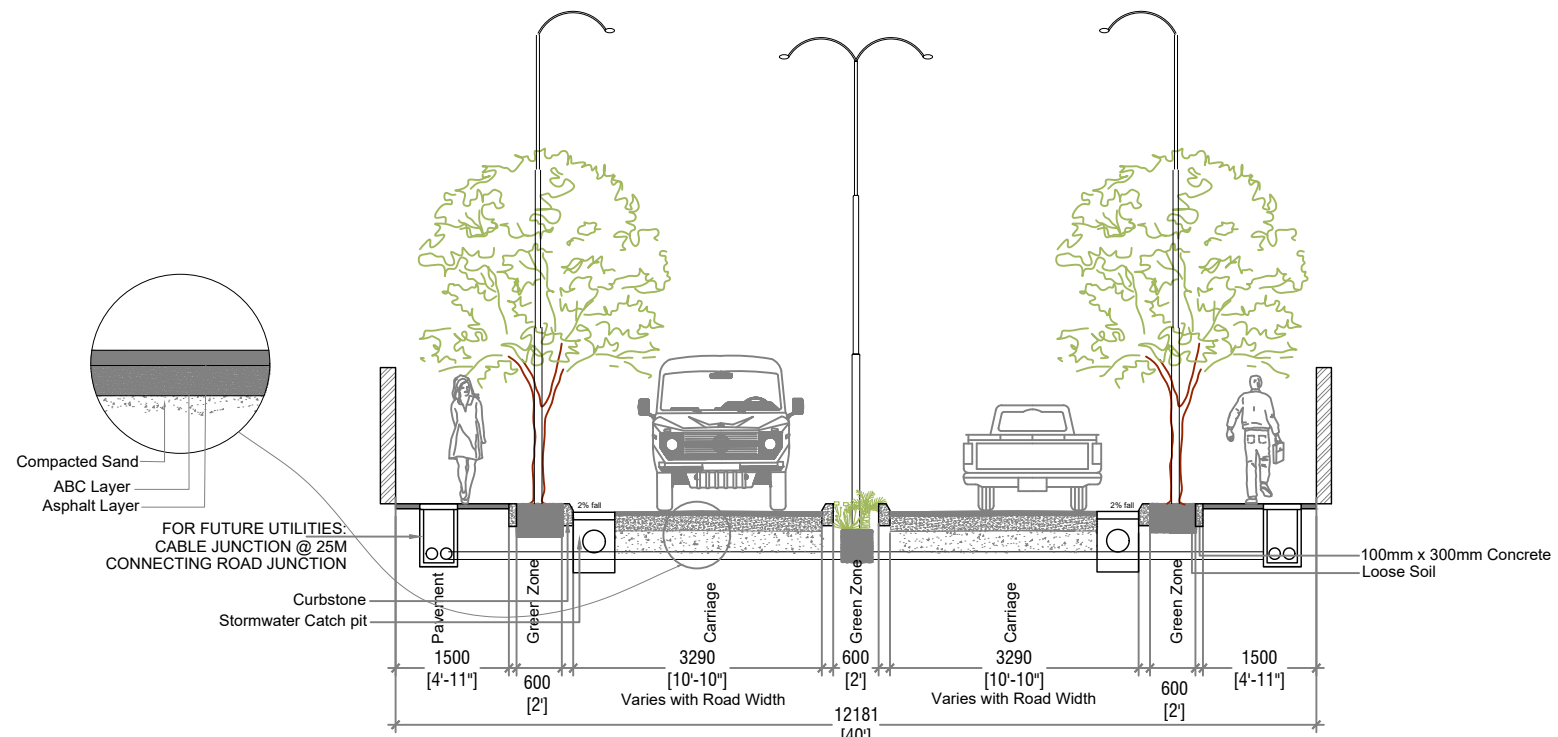
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

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

DRAWING TITLE:
 ROAD CONCEPTS
 GEVEHI MAGU

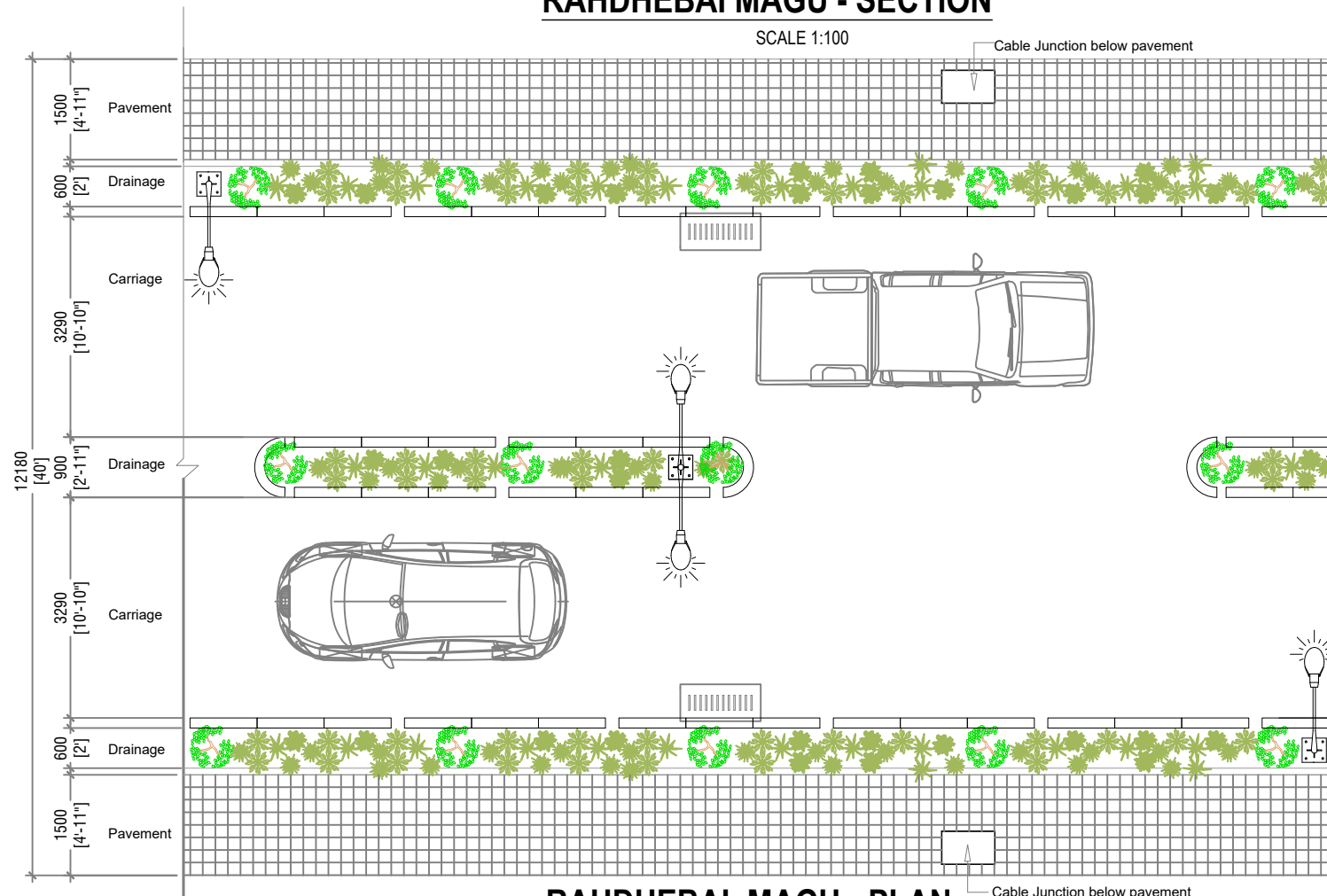


DRAWN BY: ALI ZAMEER
 APPROVED BY: MOHAMED SHAREEF
 PROJECT NO: MAA-RC-2020-03
 DRAWING NO: 04
 SCALE: 1:100
 DATE: FEBRUARY 2021



RAHDHEBAI MAGU - SECTION

SCALE 1:100



RAHDHEBAI MAGU - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

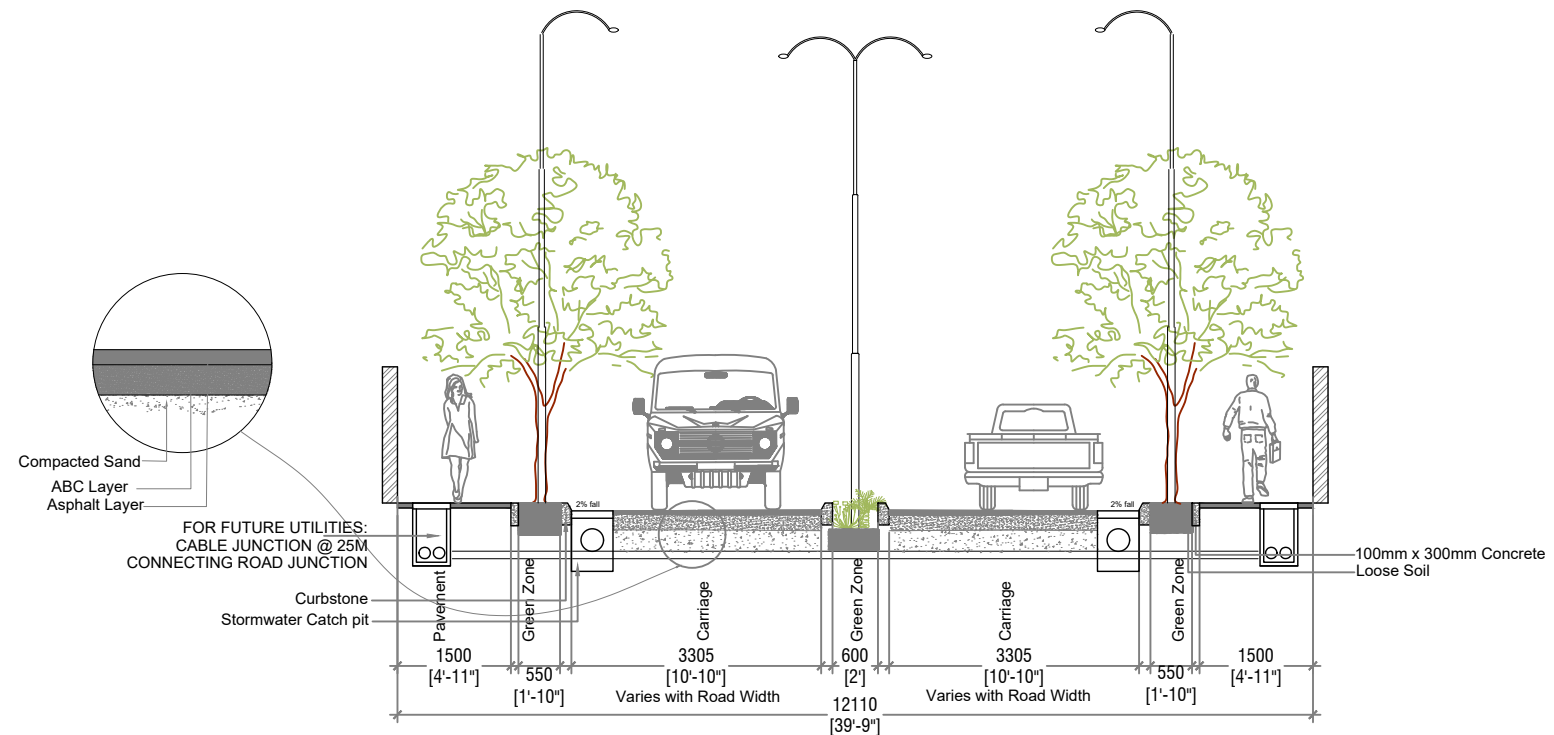
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

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

DRAWING TITLE:
 ROAD CONCEPTS
 RAHDHEBAI MAGU

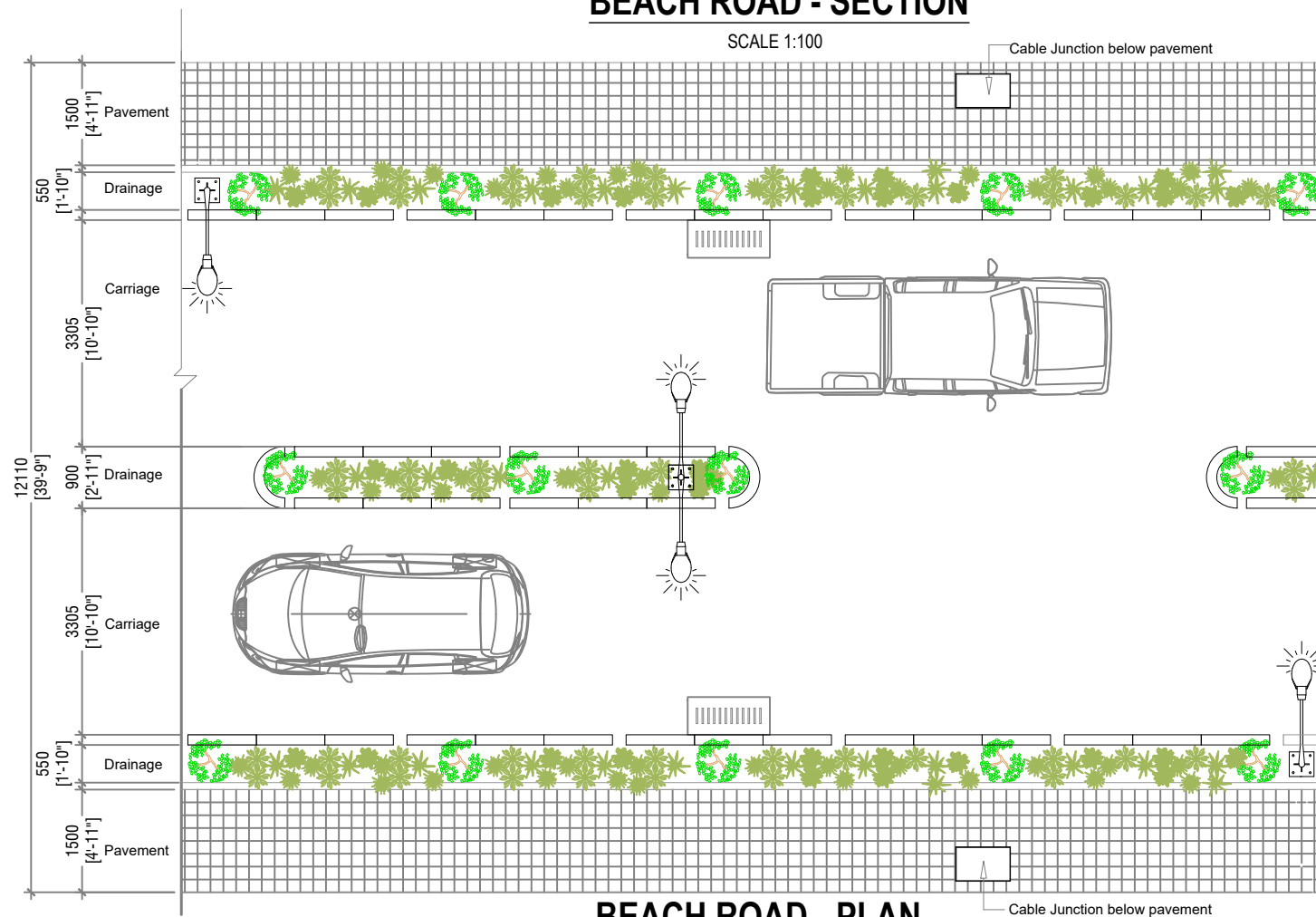


DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: MAA-RC-2020-03
DRAWING NO: 05
SCALE: 1:100
DATE: FEBRUARY 2021



BEACH ROAD - SECTION

SCALE 1:100



BEACH ROAD - PLAN

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

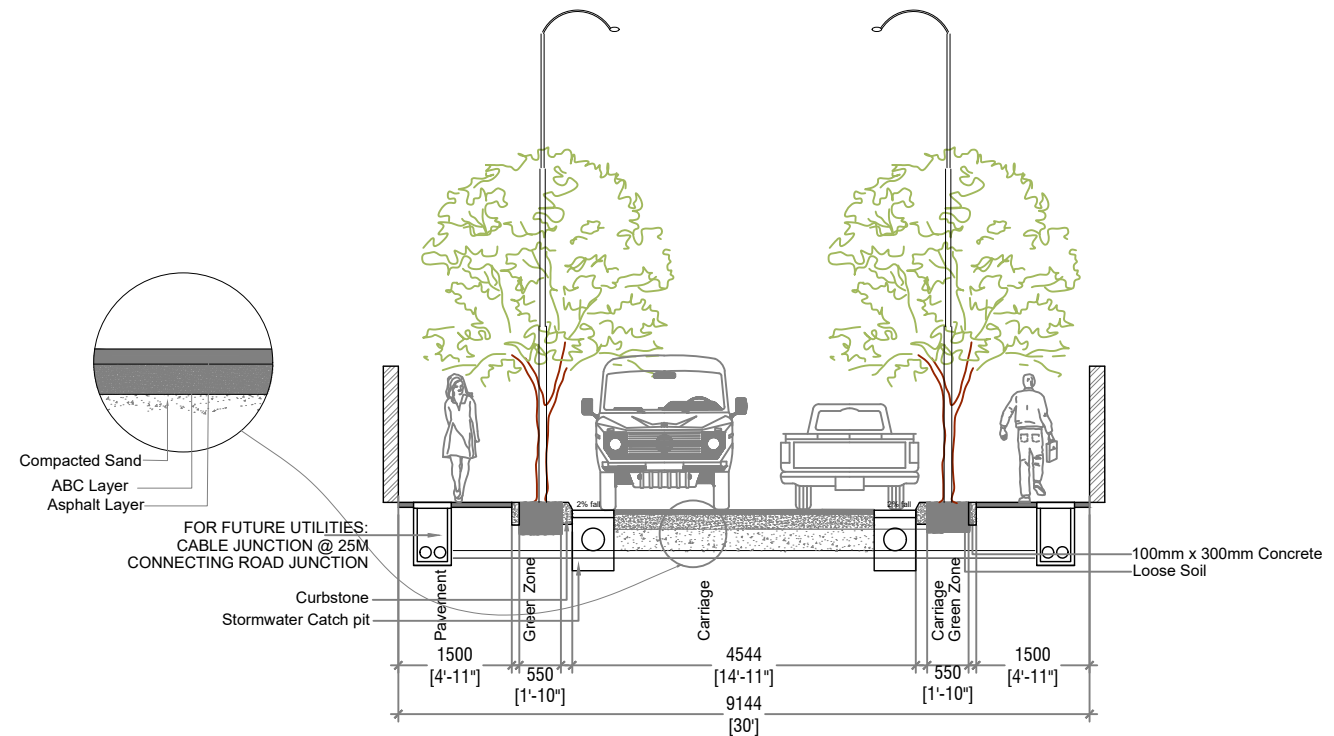
CLIENT:
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
AMEENEE MAGU,
MALE'
REPUBLIC OF MALDIVES

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

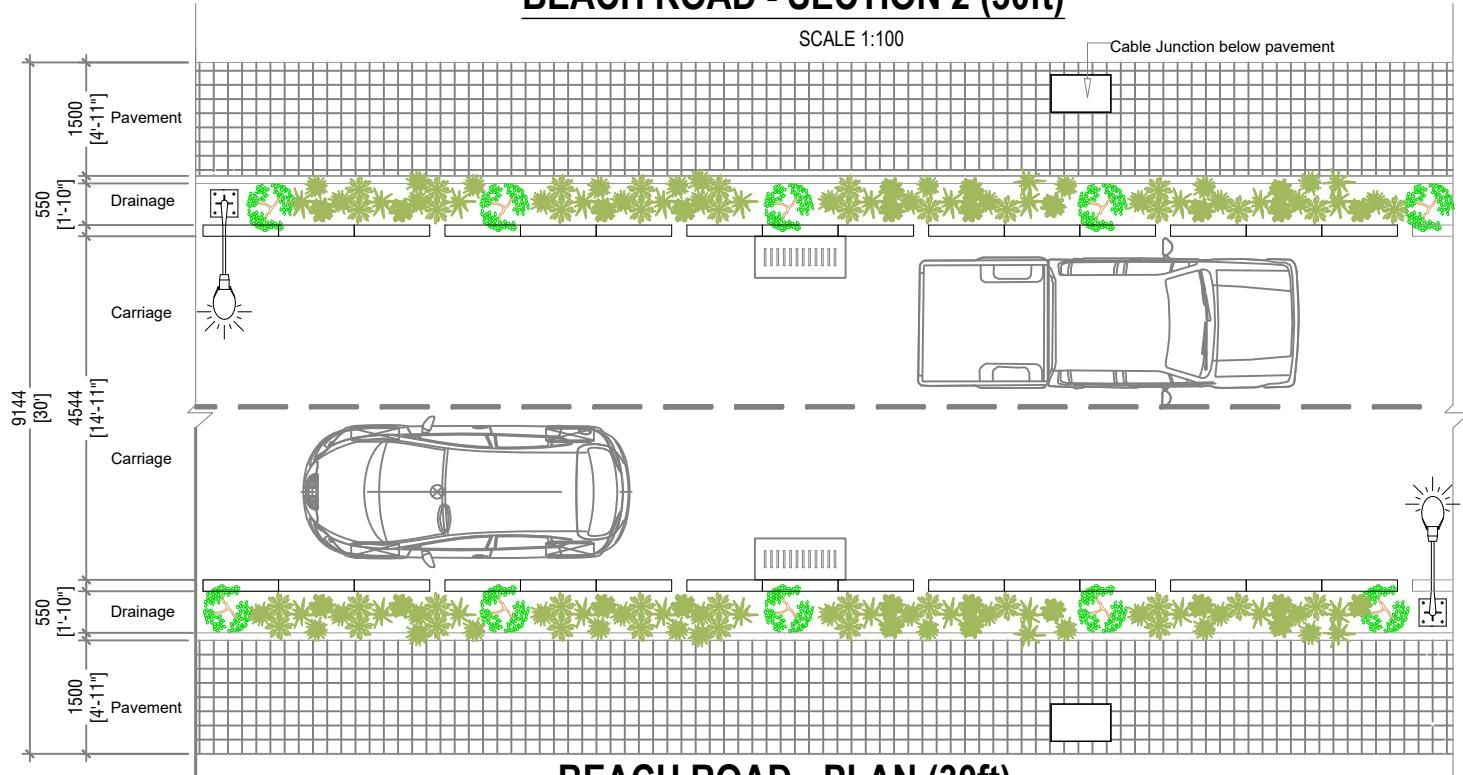
DRAWING TITLE:
**ROAD CONCEPTS
BEACH ROAD**



DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: MAA-RC-2020-03
DRAWING NO: 06
SCALE: 1:100
DATE: FEBRUARY 2021



BEACH ROAD - SECTION 2 (30ft)

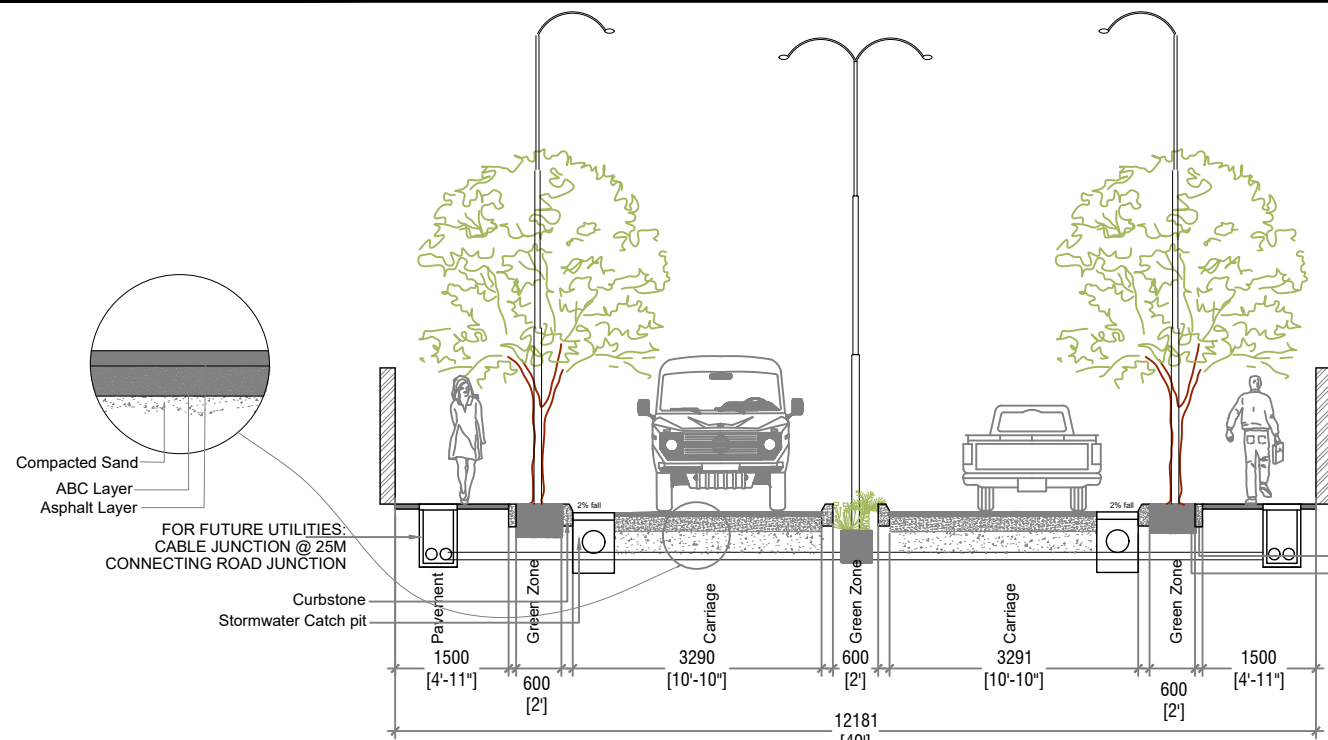


BEACH ROAD - PLAN (30ft)

SCALE 1:100

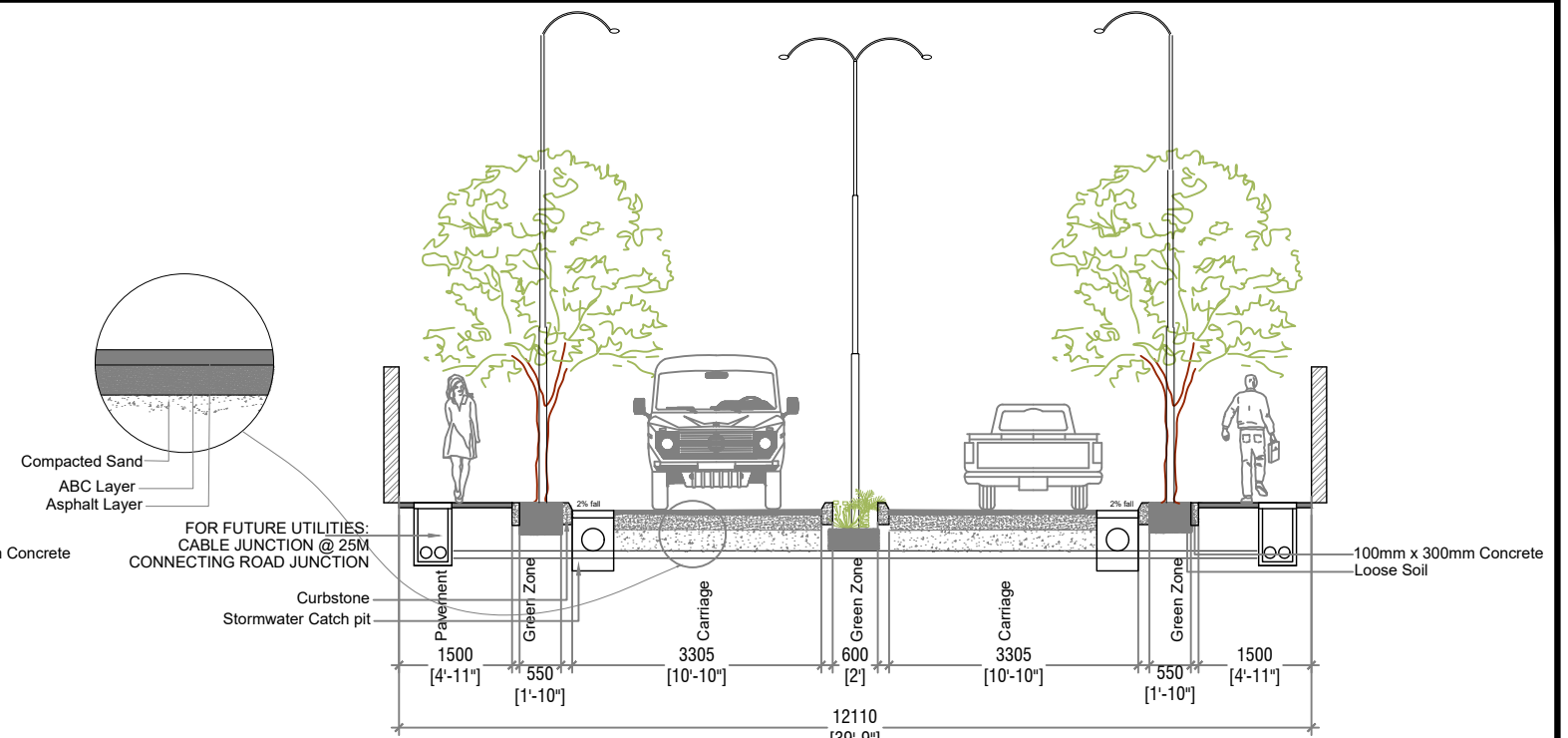
PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS			
CLIENT:	CONTRACTOR:	DRAWING TITLE:	DRAWN BY: ALI ZAMEER
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	ROAD CONCEPTS BEACH ROAD	APPROVED BY: MOHAMED SHAREEF
AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES	ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES		PROJECT NO: MAA-RC-2020-03
			DRAWING NO: 07
			SCALE: 1:100
			DATE: FEBRUARY 2021





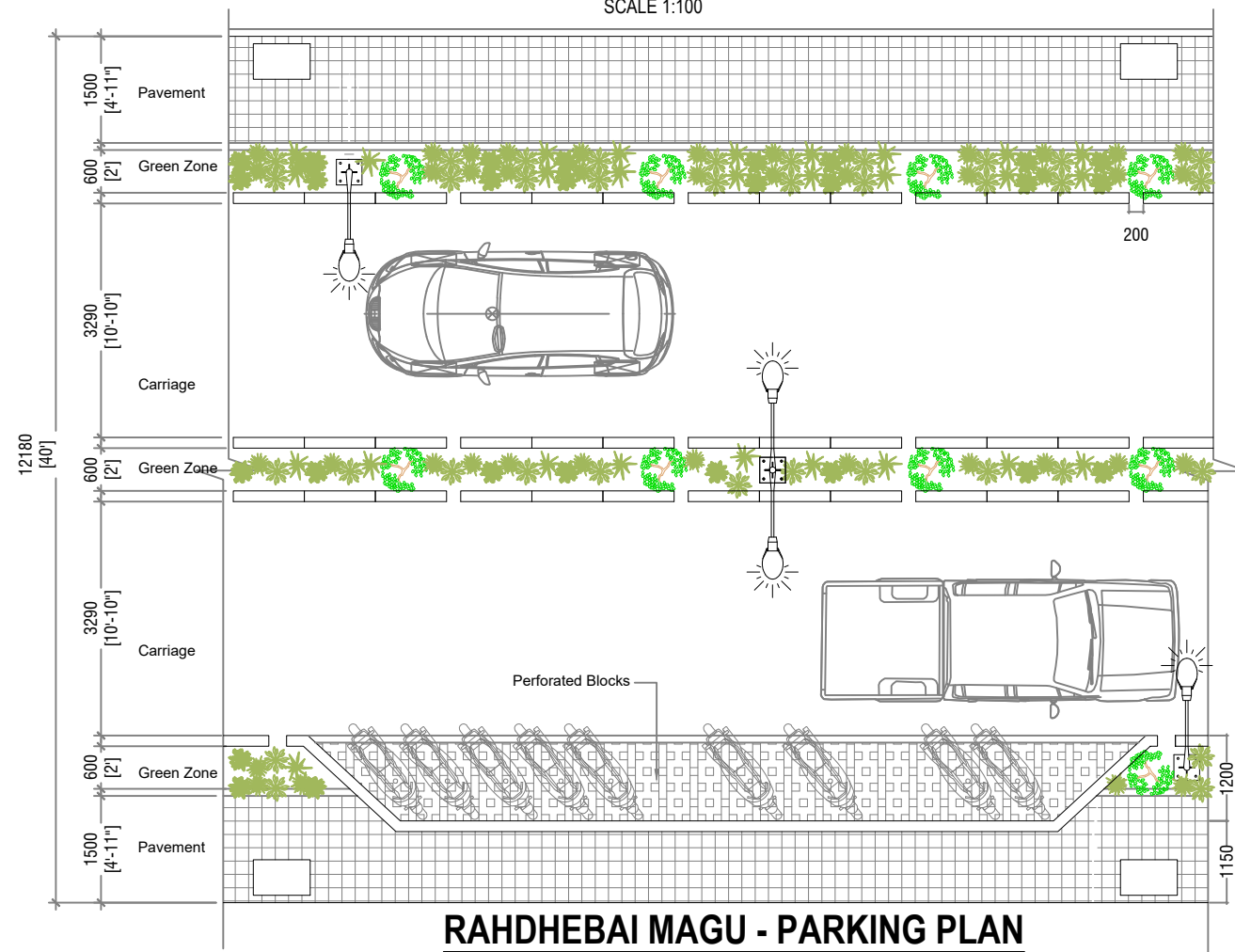
RAHDHEBAI MAGU - SECTION

SCALE 1:100

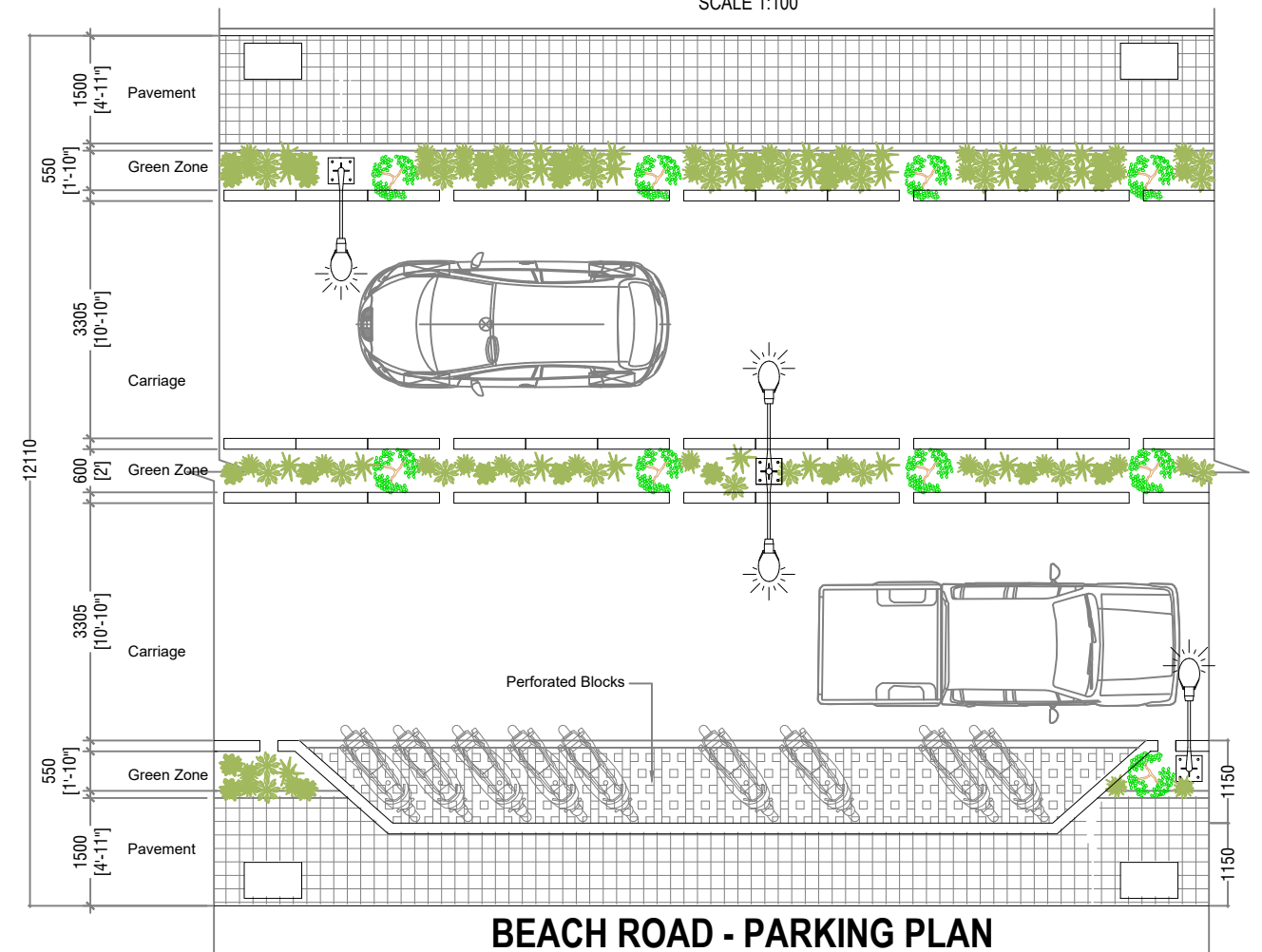


BEACH ROAD - SECTION

SCALE 1:100



RAHDHEBAI MAGU - PARKING PLAN



BEACH ROAD - PARKING PLAN

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI MAJOR ROADS

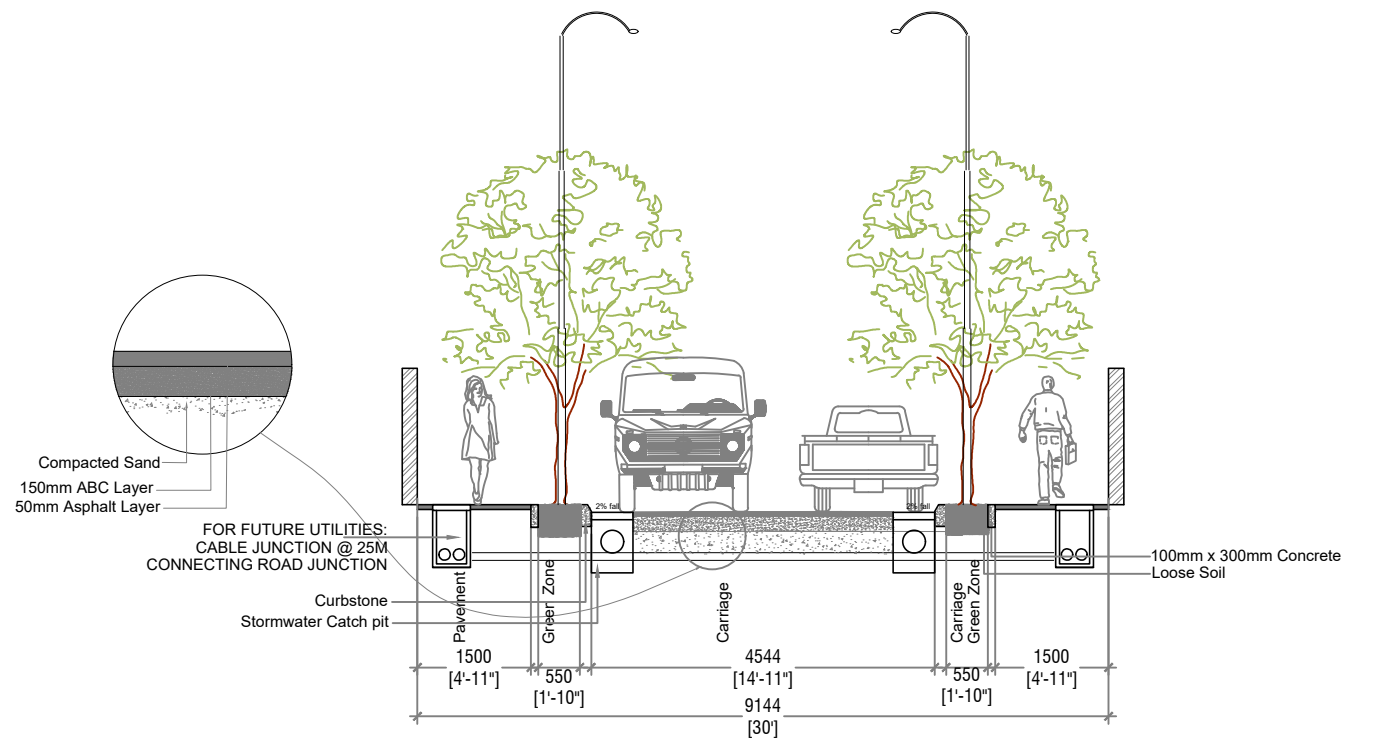
CLIENT:
 MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE
 AMEENEE MAGU,
 MALE'
 REPUBLIC OF MALDIVES

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

DRAWING TITLE:
 ROAD CONCEPTS
 BEACH ROAD

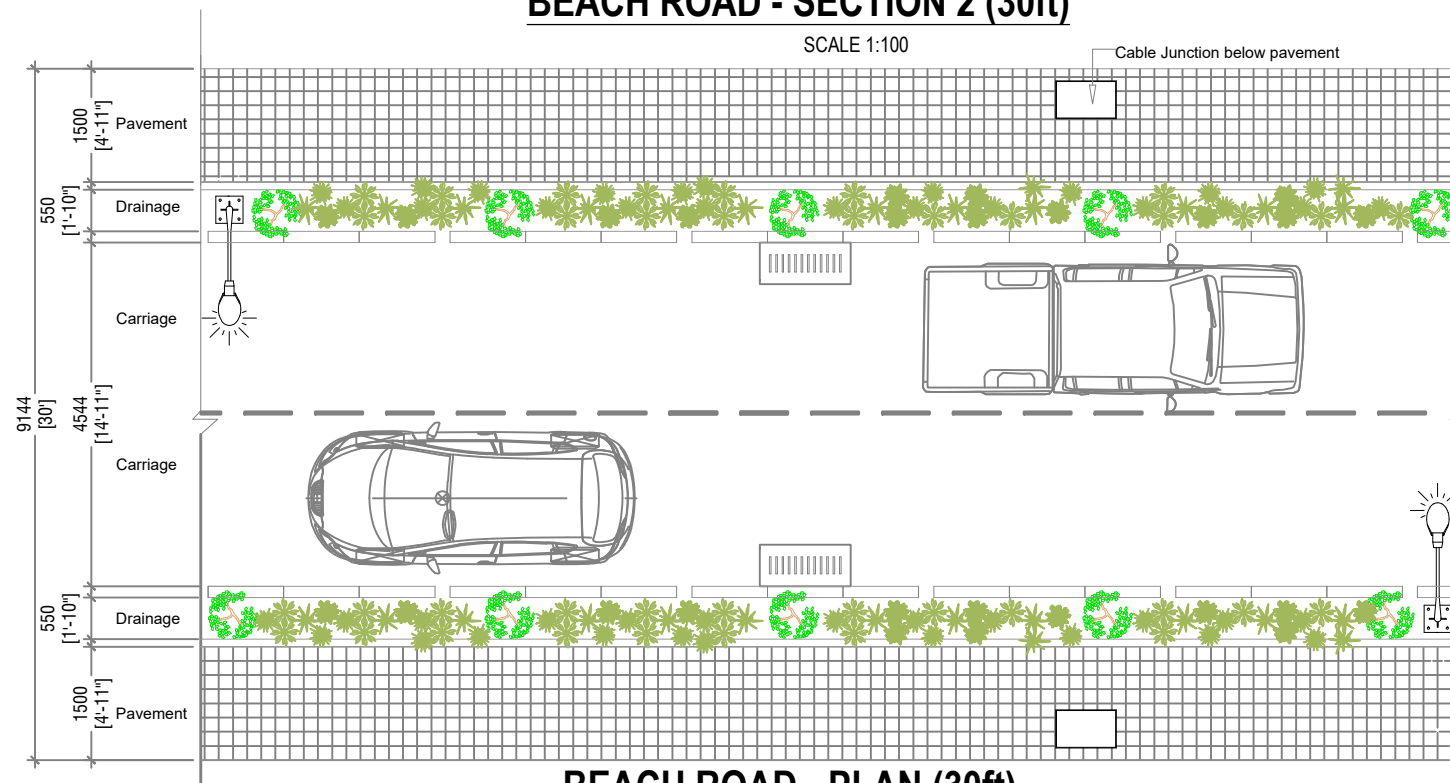


DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: MAA-RC-2020-03
DRAWING NO: 08
SCALE: 1:100
DATE: FEBRUARY 2021



BEACH ROAD - SECTION 2 (30ft)

SCALE 1:100



BEACH ROAD - PLAN (30ft)

SCALE 1:100

PROJECT: DESIGN & BUILD OF ADH. MAAMIGILI 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:
**RAHDHEBAI MAGU
SECTION 2**



DRAWN BY: ALI ZAMEER
APPROVED BY: MOHAMED SHAREEF
PROJECT NO: MAA-RC-2020-03
DRAWING NO:
SCALE: 1:100
DATE: MARCH 2021