

Road Development Corporation Limited

Republic of Maldives

Terms of Reference for Addendum to Environmental Impact Assessment report of Sh. Milandhoo 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 Sh. Milandhoo Road Development project.

2. SCOPE OF WORK.

- A. Consultancy services for making addendum to Environmental Impact Assessment for Sh. Milandhoo 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. Proposed Additional roads
 - c. Change in Sea Outfall Locations
 - d. Change in Pump Station locations/numbers
- 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

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.

	Educational Qualification 20%	Project Experience		
Consultants	Qualification & Experience Requirements	No.	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.

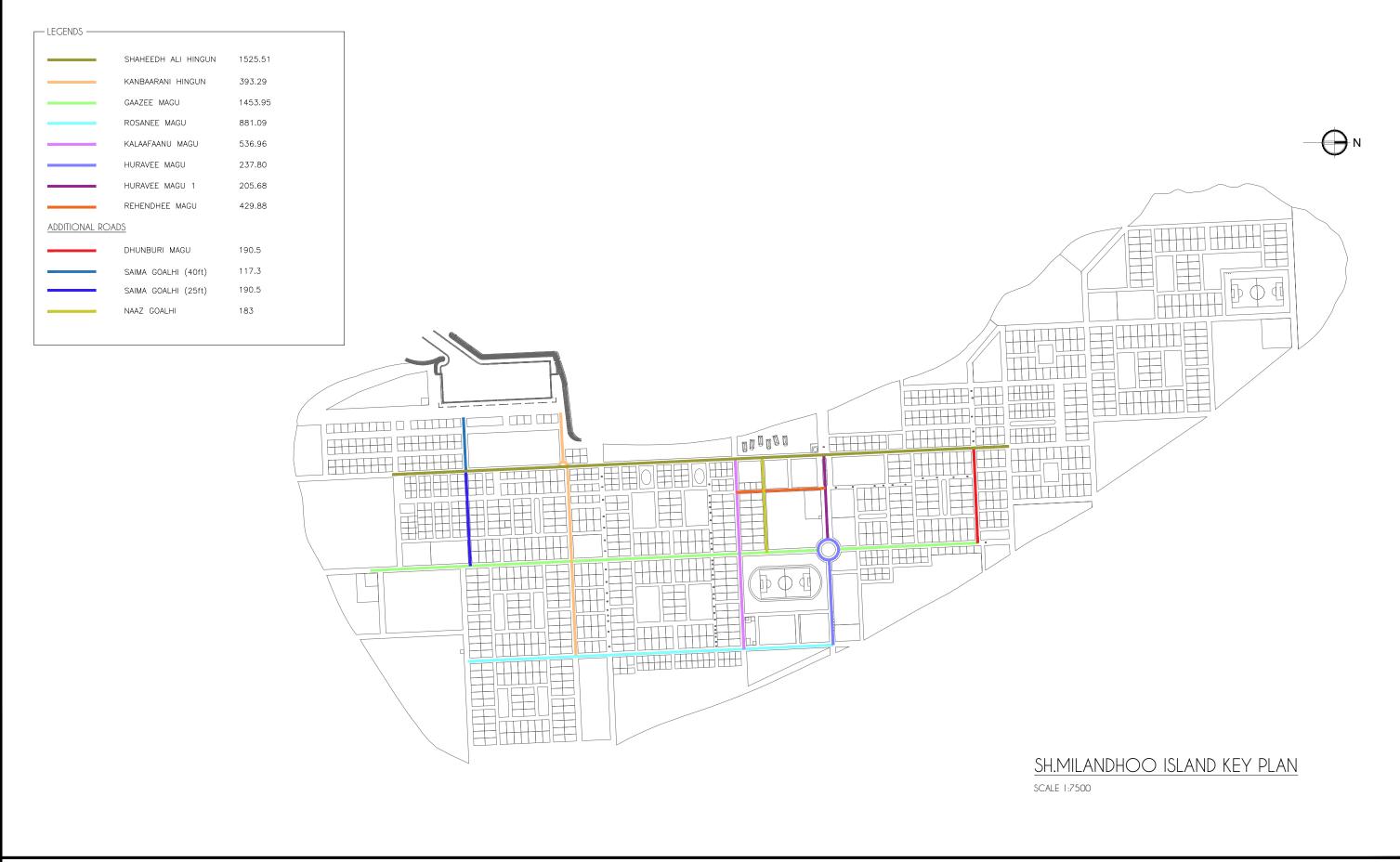
6. DURATION OF THE ASSIGNMENT

The expected duration of the consultant assignment is 30 days.

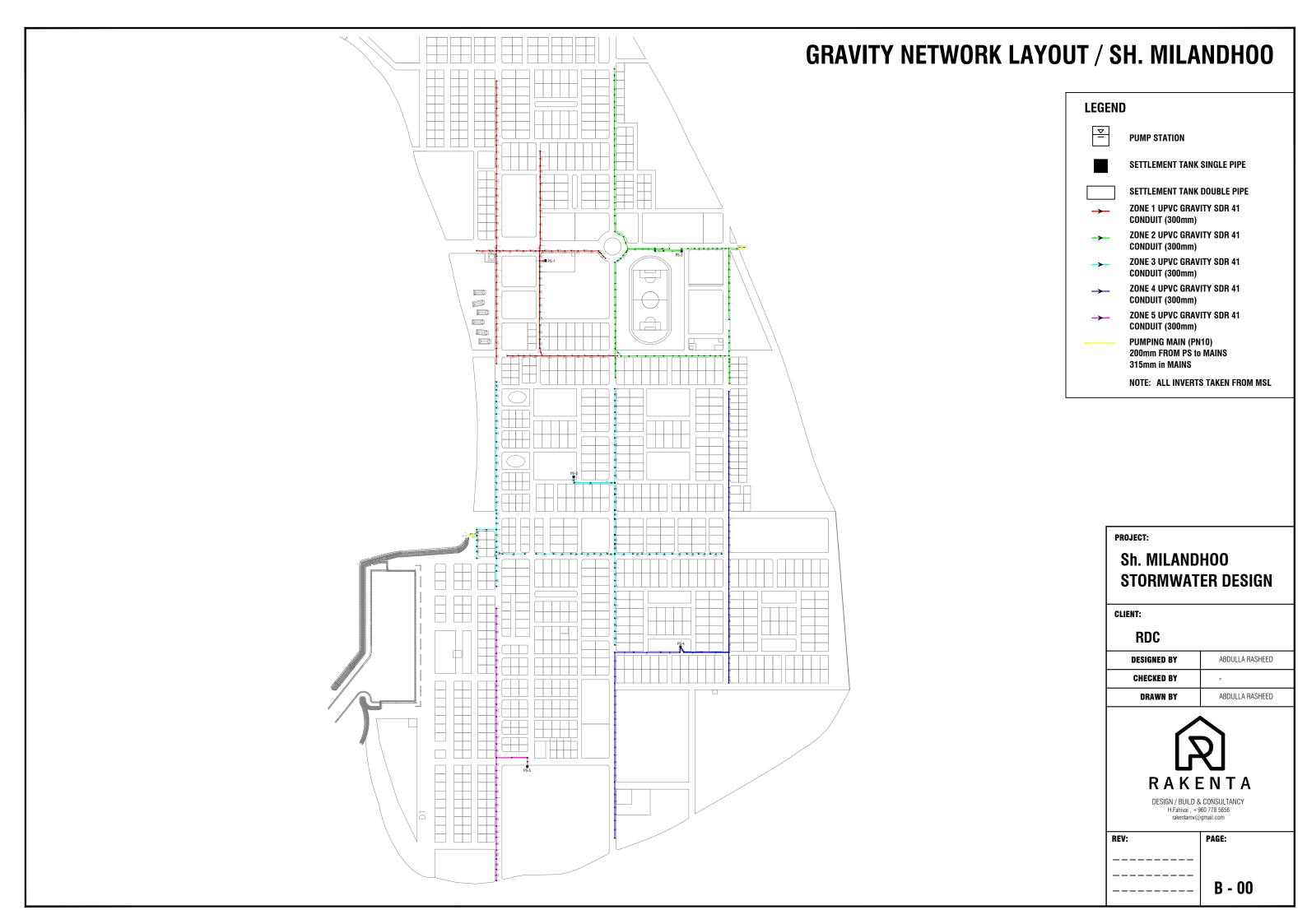
7. CONSULTANT'S REPORTING OBLIGATIONS

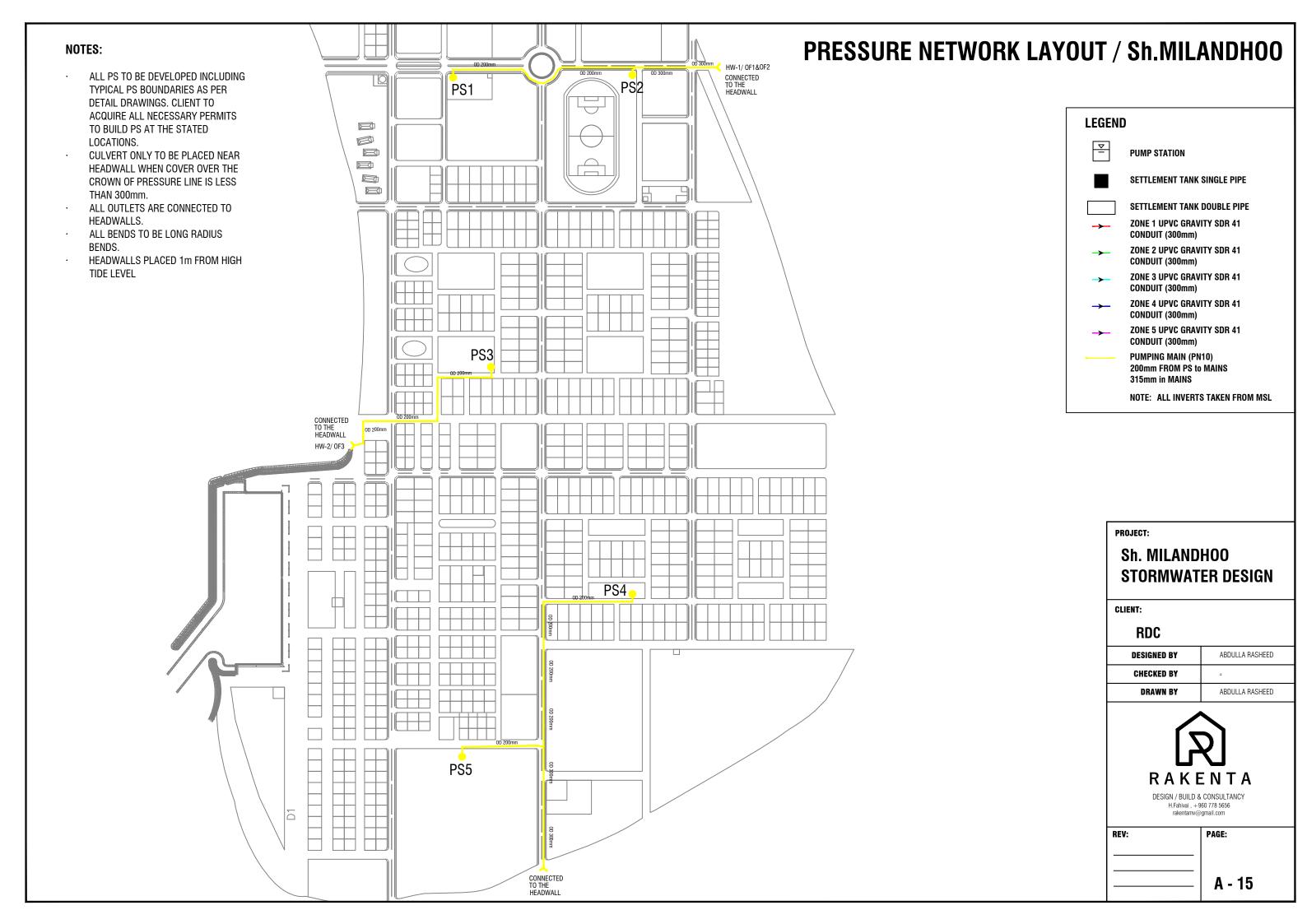
The Consultant shall submit the following report(s) for approval and shall contribute to the preparation of the documents and amendments till the reports are approved by the relevant authorities. The report should be up to industry standards.

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



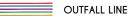
PROJECT: DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS CLIENT: CONTRACTOR: **DRAWING TITLE:** DRAWN BY: SHIYAZ APPROVED BY: ALI ZAMEER MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE ROAD DEVELOPMENT CORPORATION LTD. **PROPOSED ROADS** RDC PROJECT NO: MIL-RC-2020-05 AMEENEE MAGU, ORCHID MAGU, MALE' MAAFANNU, MALE' DRAWING NO: REPUBLIC OF MALDIVES REPUBLIC OF MALDIVES SCALE: 1:100 DATE: FEB 2022





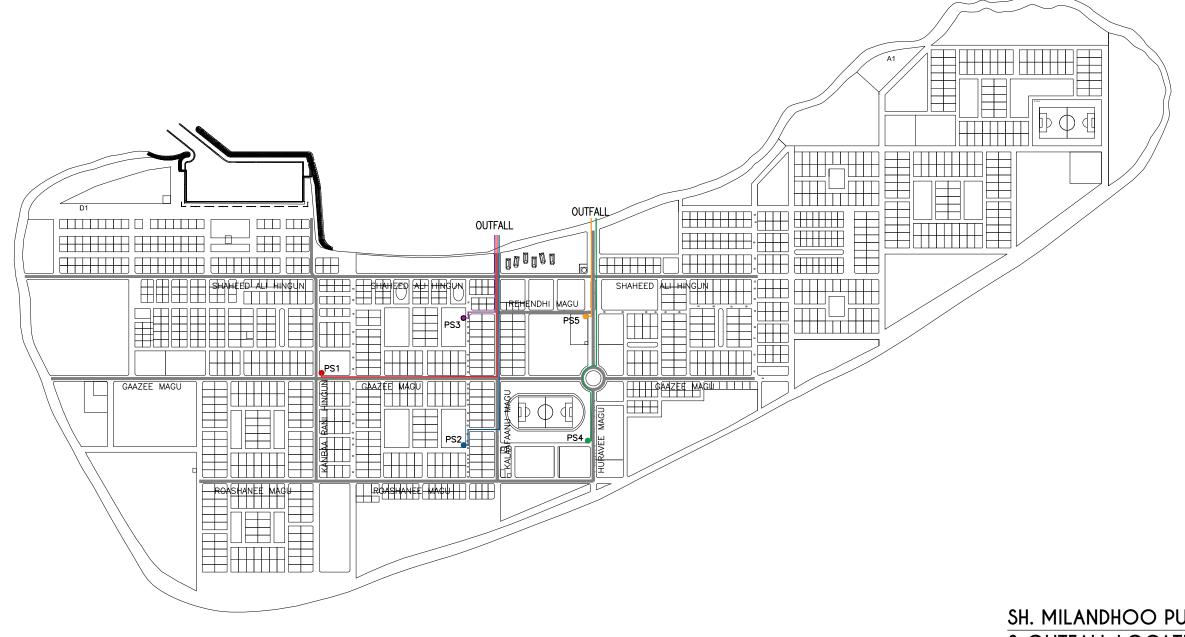


PROPOSED DESIGN ROADS



PROPOSED PUMPSTATIONS





SH. MILANDHOO PUPSTATIONS & OUTFALL LOCATIONS

SCALE 1:7500

PROJECT: SH.MILANDHOO MAJOR ROADS PROJECT	Γ
CLIENT:	

CLIENT:	CONTRACTOR:	DRAWING TITLE:		
MINISTRY OF NATIONAL PLANNING & HOUSING INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	MILANDHOO OUTFALL & PS AREA		
AMEENEE MAGU, MALE' REPUBLIC OF MALDIVES	ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES			



DRAWN BY: ISMAIL SHIYAAZ	
APPROVED BY: ALI AAFAAQ	
PROJECT NO: MIL-RC-2020-05	
DRAWING NO:	
SCALE: 1:7500 SCALE	DATE: JANUARY 2021

SH. MILANDHOO

DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS

ANNEX 1 - CONCEPT DRAWINGS

DESIGNED BY:

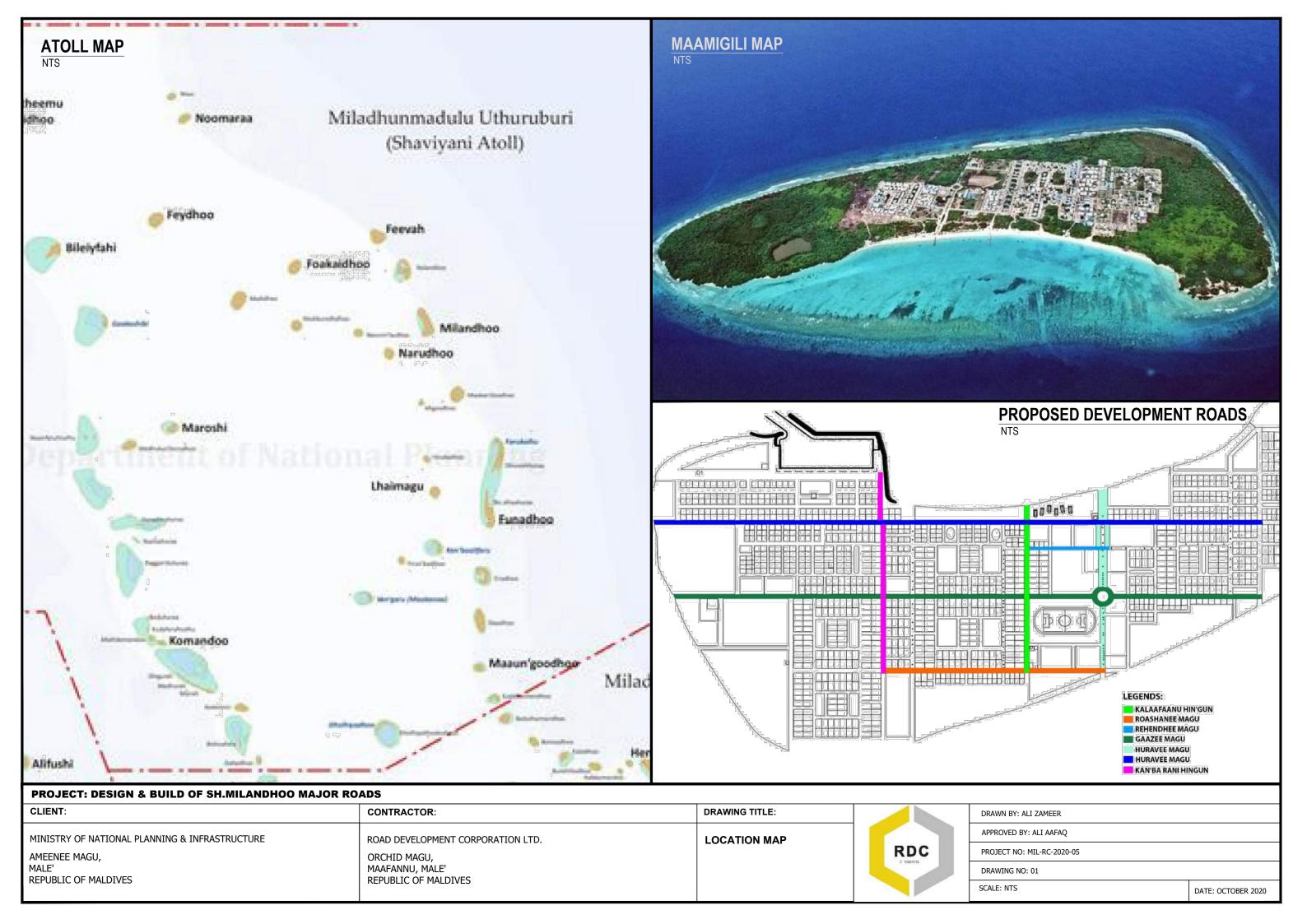
ROAD DEVELOPMENT CORPORATION
ORCHID MAGU, MAAFANNU, MALE', REPUBLIC OF MALDIVES

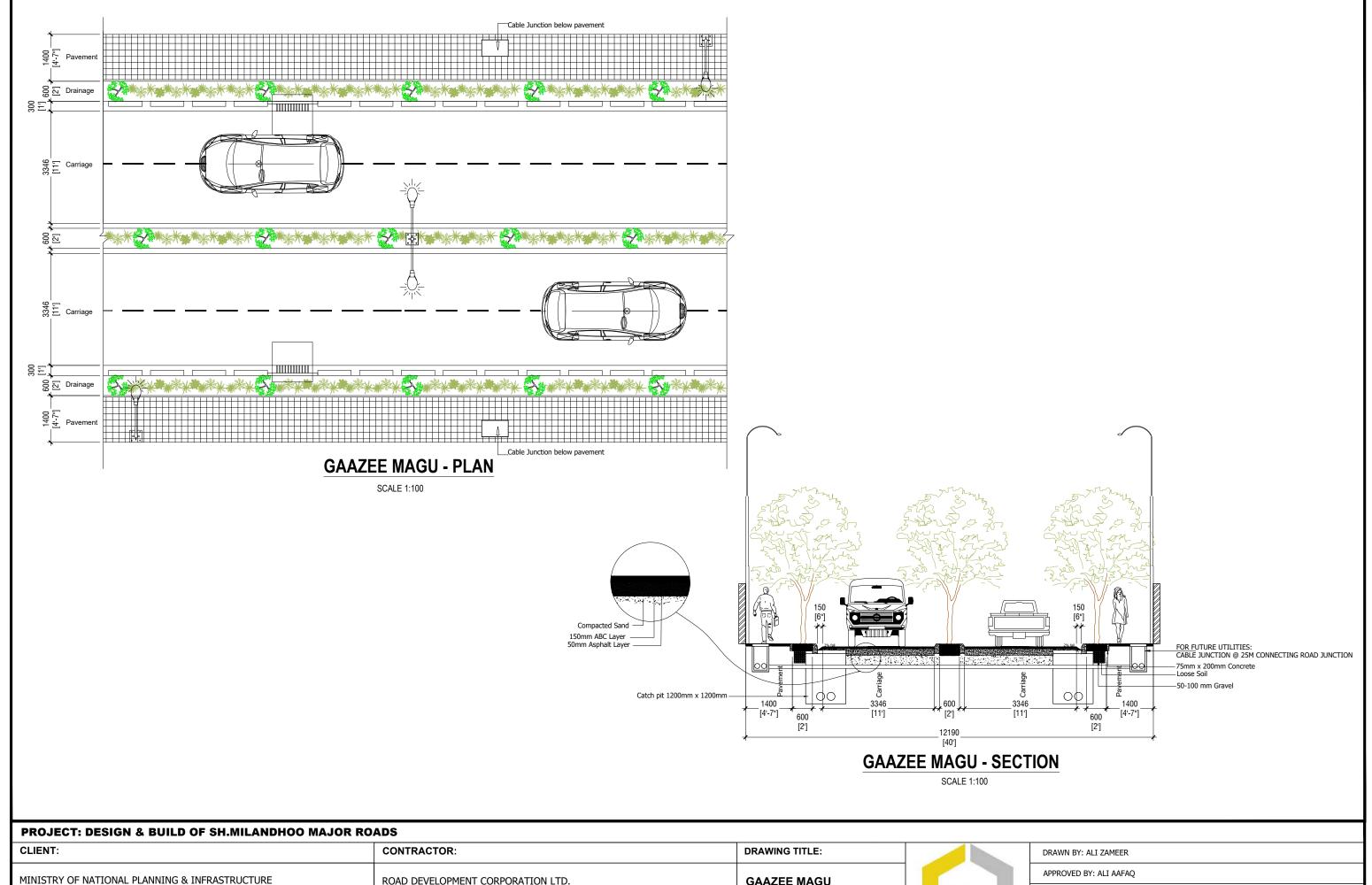
CLIENT:

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

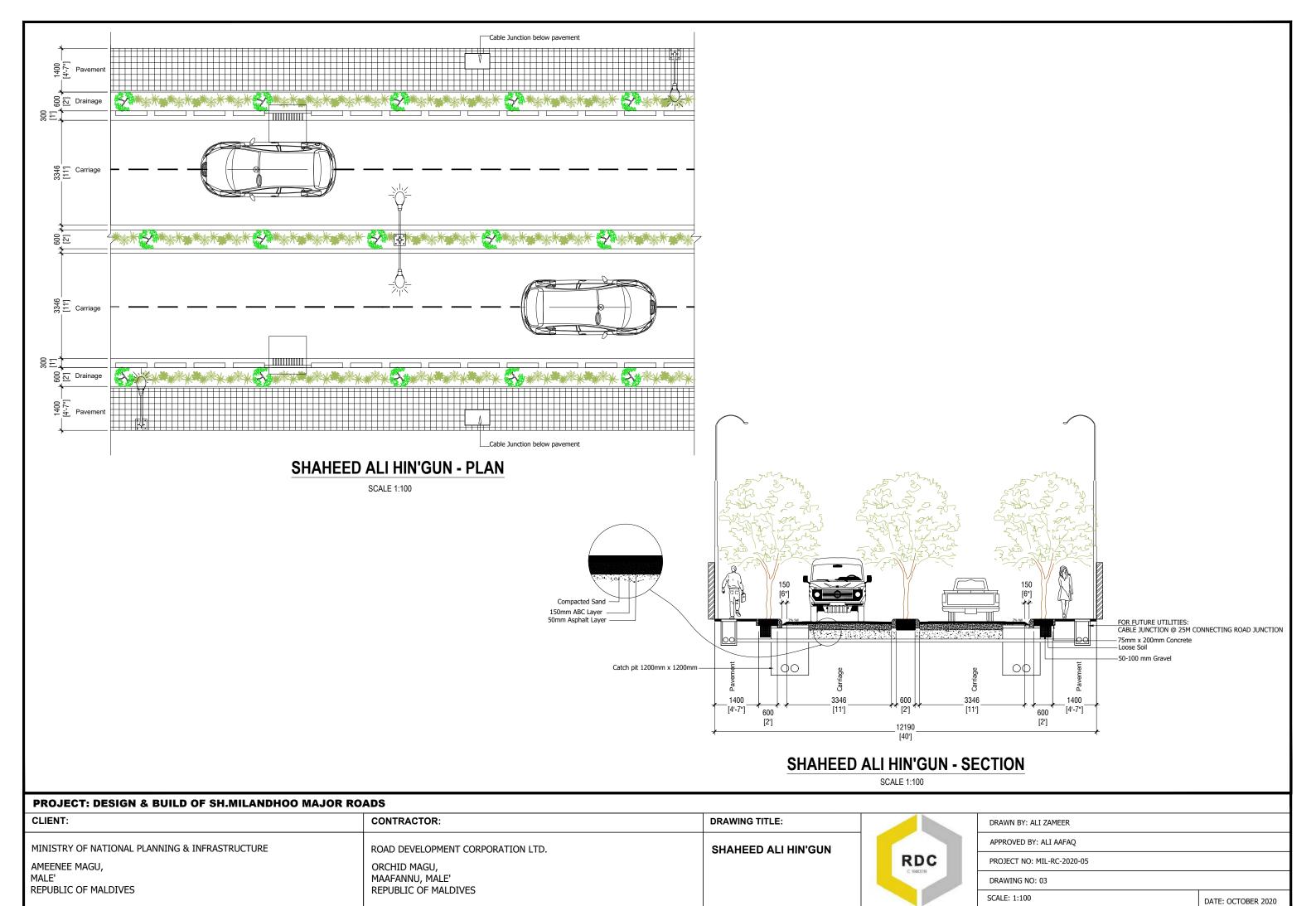


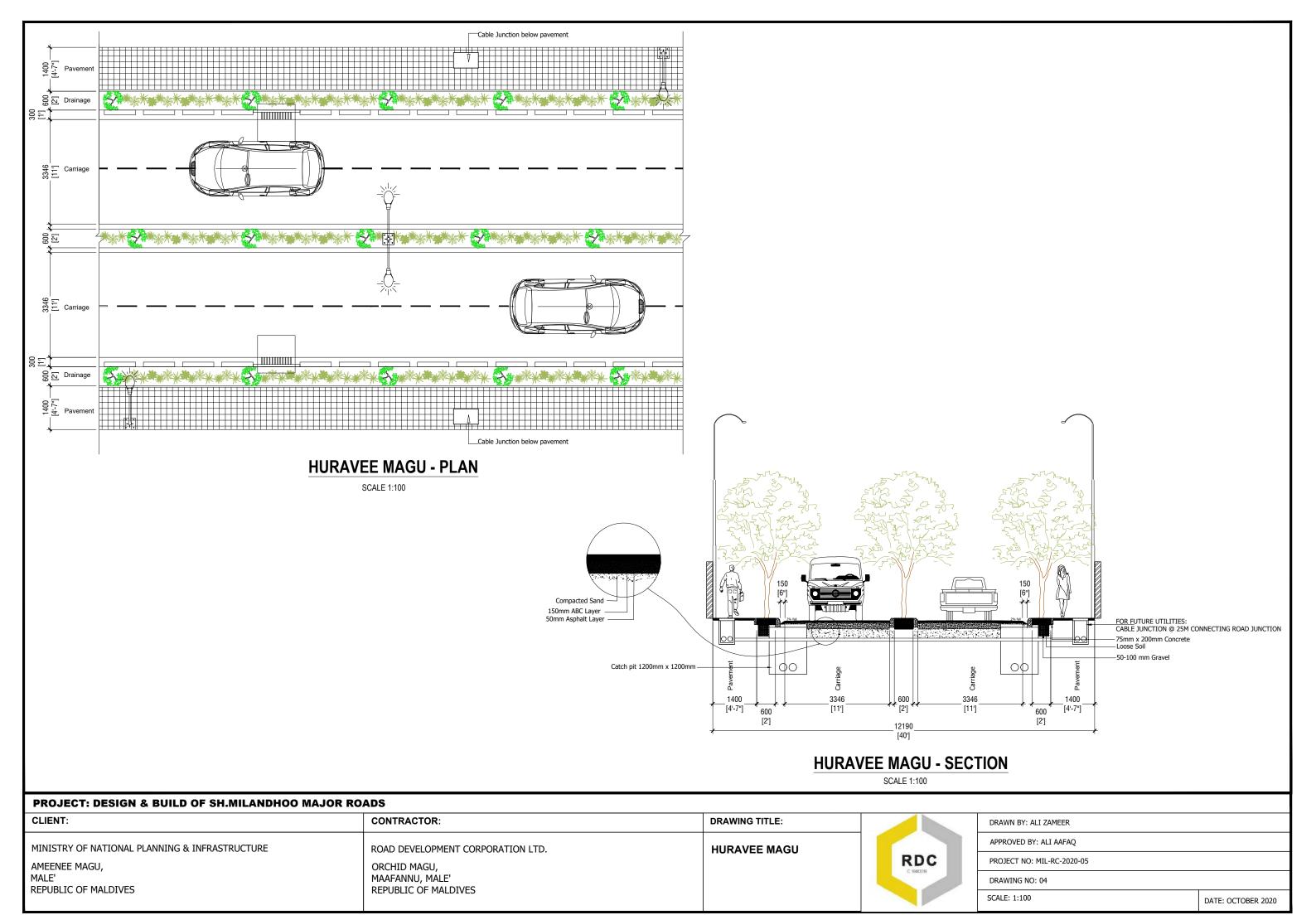


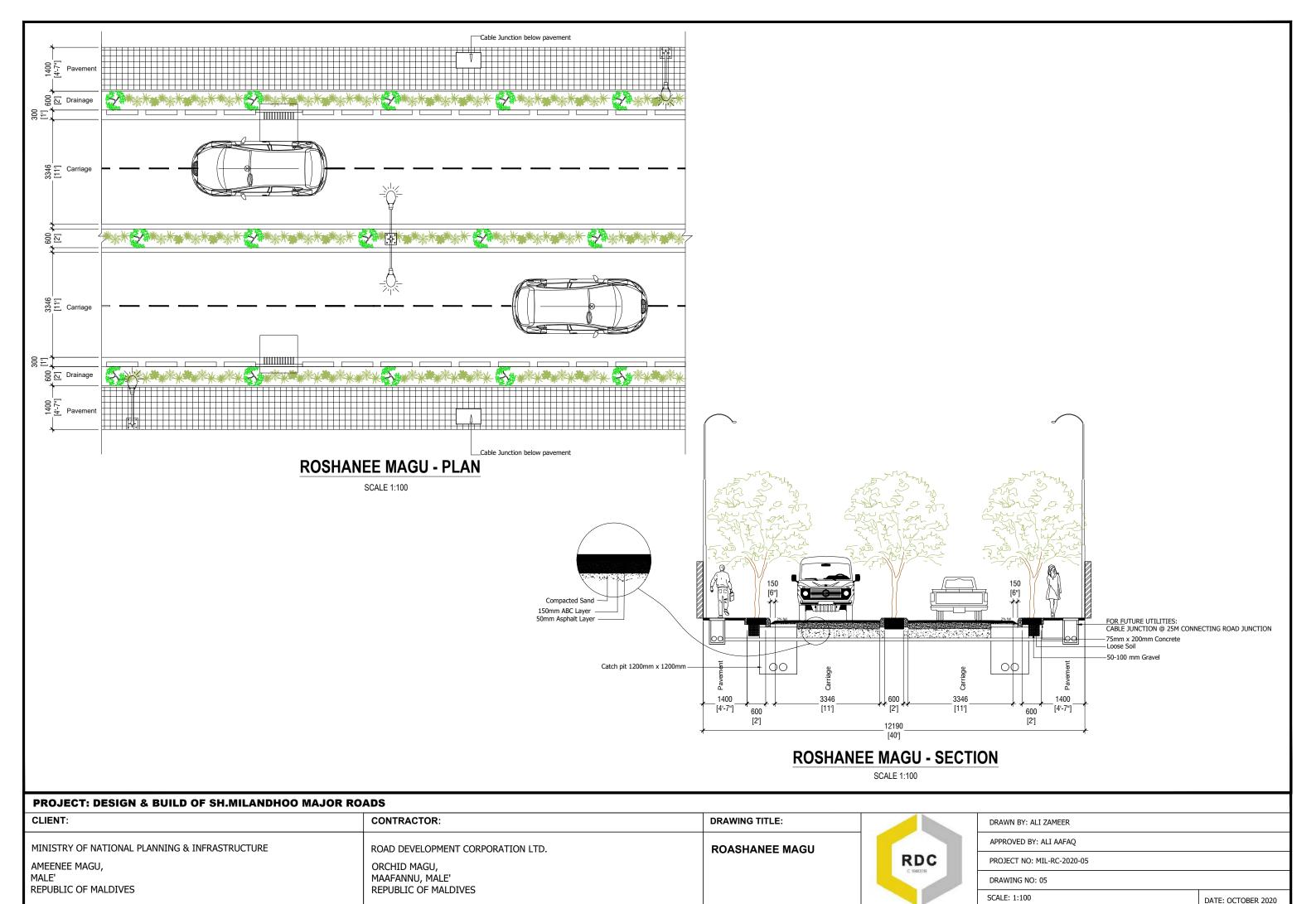


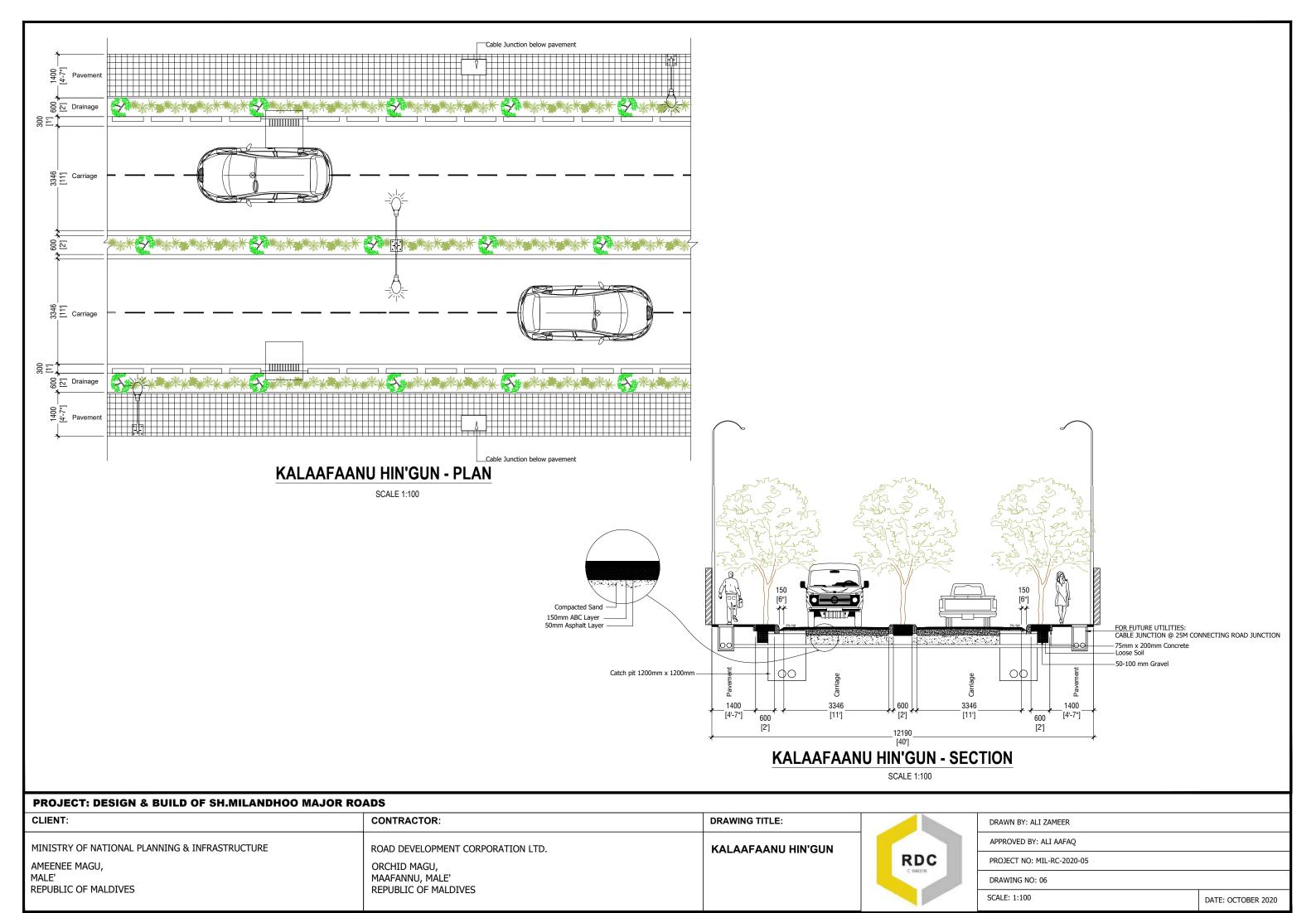


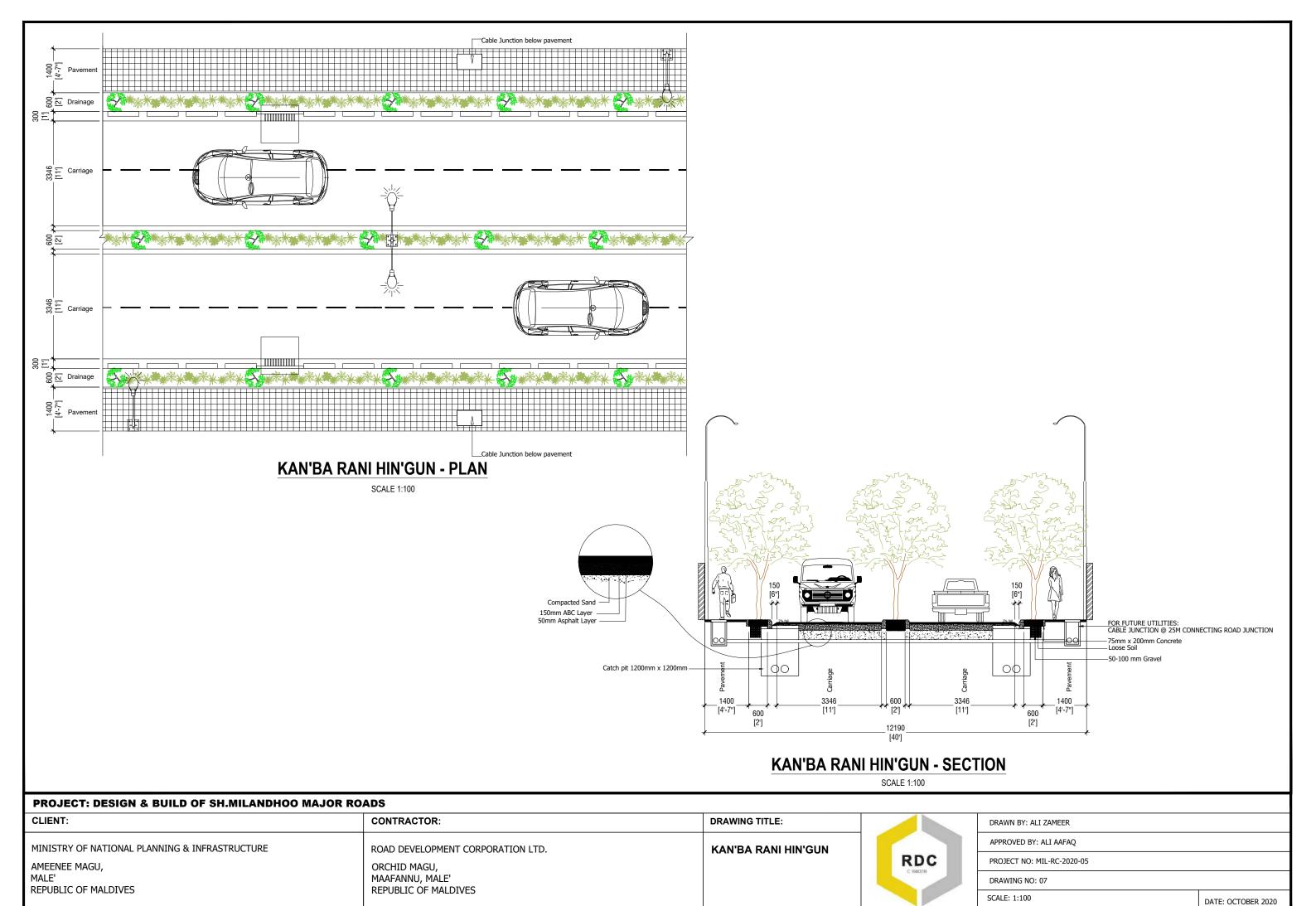
CLIENT:	CONTRACTOR:	DRAWING TITLE:		DRAWN BY: ALI ZAMEER	
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	GAAZEE MAGU		APPROVED BY: ALI AAFAQ	
AMEENEE MAGU,	ORCHID MAGU,	OF ULLE INFOO	RDC	PROJECT NO: MIL-RC-2020-05	
MALE' REPUBLIC OF MALDIVES	MAAFANNU, MALE' REPUBLIC OF MALDIVES		C 10402019	DRAWING NO: 02	
REPUBLIC OF PIALDIVES	REPUBLIC OF MALDIVES			SCALE: 1:100	DATE: OCTOBER 2020

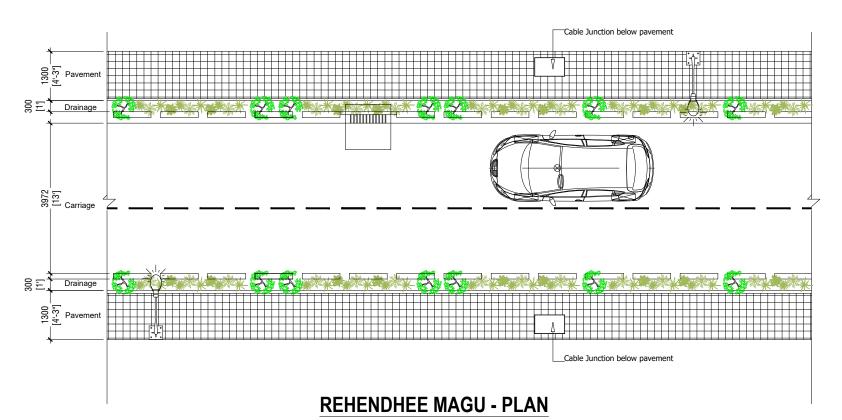




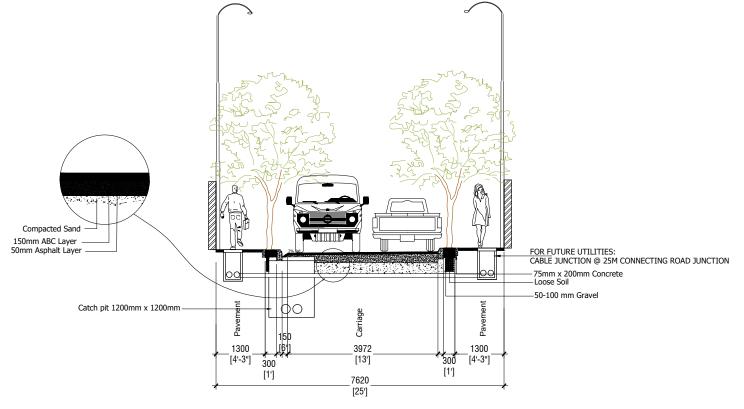








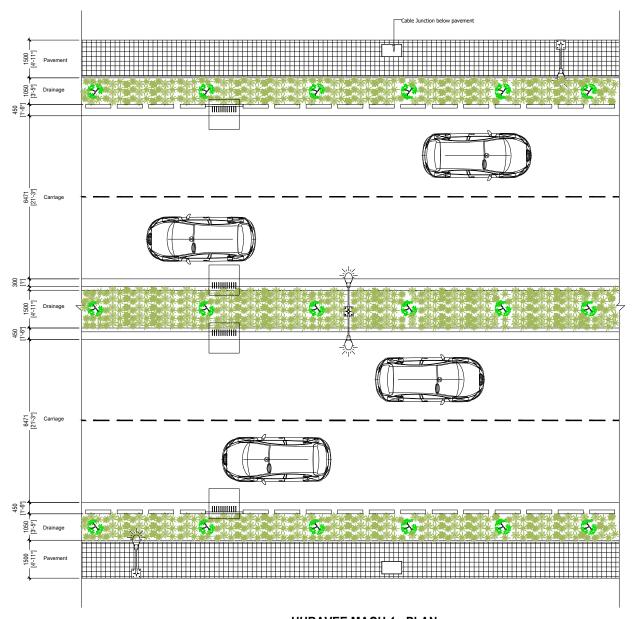
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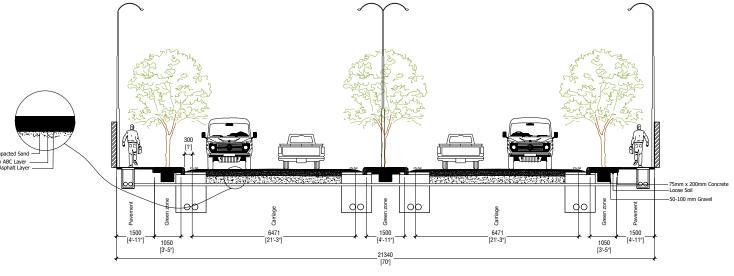


REHENDHEE MAGU - SECTION

SCALE 1:100

PROJECT: DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS							
CLIENT:	CONTRACTOR:	DRAWING TITLE:		DRAWN BY: ALI ZAMEER			
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	REHENDHEE MAGU		APPROVED BY: ALI AAFAQ			
AMEENEE MAGU,	ORCHID MAGU,	KENERSHEE III/ (GG	RDC	PROJECT NO: MIL-RC-2020-05			
MALE' REPUBLIC OF MALDIVES	MAAFANNU, MALE' REPUBLIC OF MALDIVES		C 1048/A719	DRAWING NO: 08			
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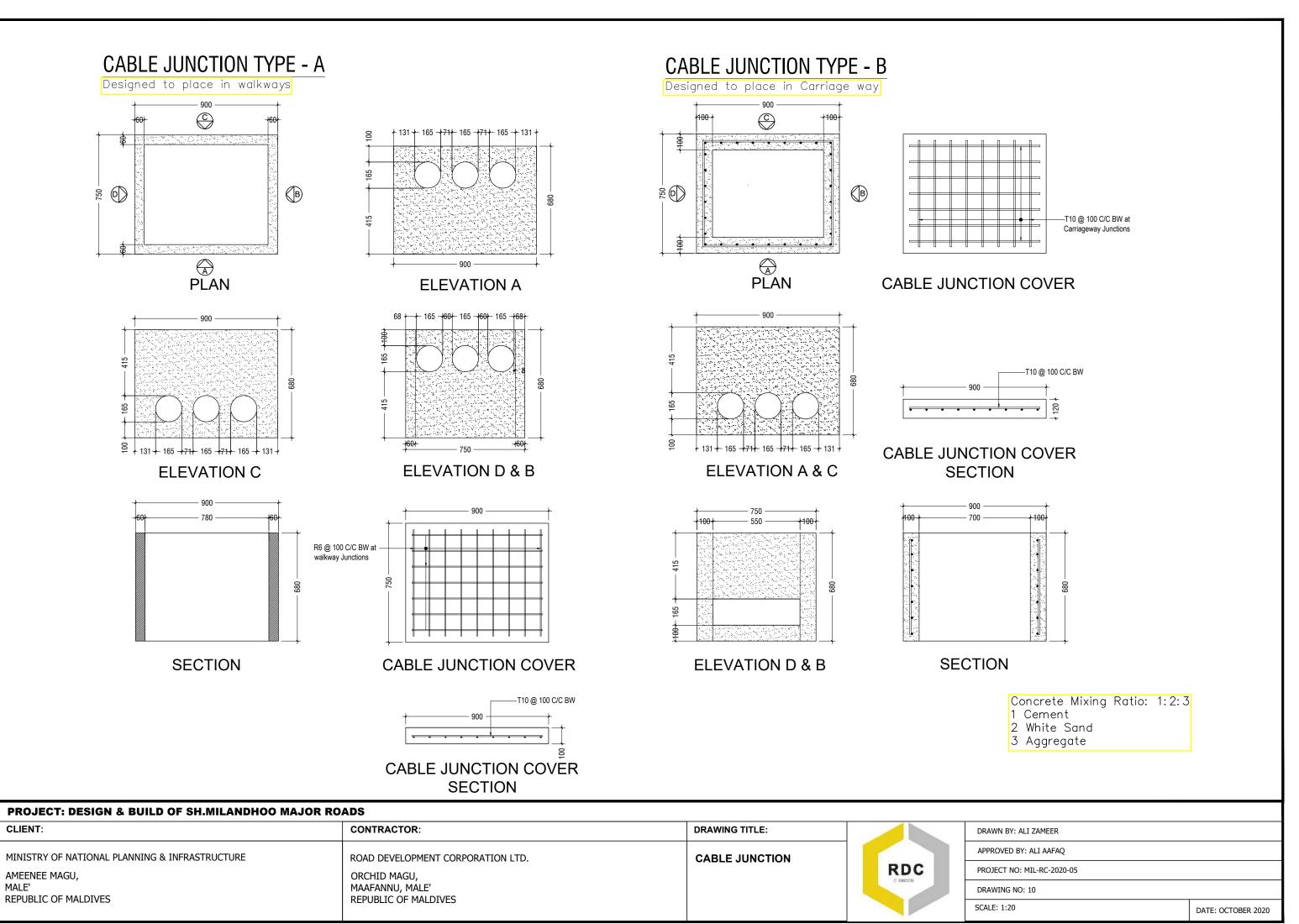


HURAVEE MAGU 1 - SECTION SCALE 1:150

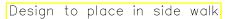
HURAVEE MAGU 1 - PLAN

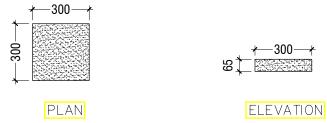
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PROJECT: DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS							
CLIENT:	CONTRACTOR:	DRAWING TITLE:			DRAWN BY: ALI ZAMEER		
MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE	ROAD DEVELOPMENT CORPORATION LTD.	HURAVEE MAGU 1			APPROVED BY: ALI AAFAQ		
AMEENEE MAGU,	ORCHID MAGU,	TIONAVEE MAGO I		RDC C 19482019	PROJECT NO: MIL-RC-2020-05		
MALE' REPUBLIC OF MALDIVES	MAAFANNU, MALE'				DRAWING NO: 09		
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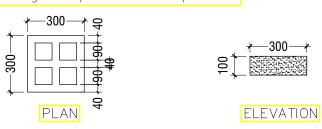
300mm x 300MM PAVEMENT BLOCK





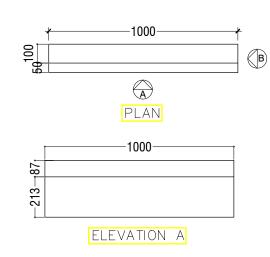
300mm x 300MM PERFORATED BLOCK

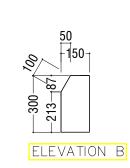
Design to place in tree pit area

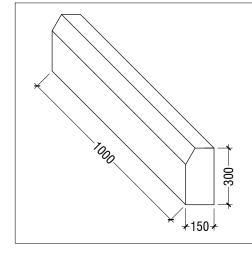


CURB STONE (BIG)

CHAMFER





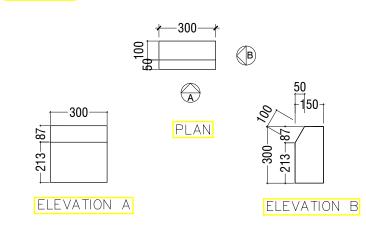


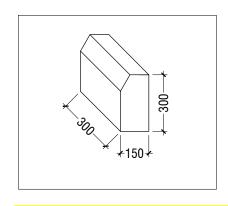
Concrete Mixing Ratio: 1:2:3 1 Cement

- 2 Aggregate 3 White Sand

CURB STONE (small)

CHAMFER





Concrete Mixing Ratio: 1:2:3

- 1 Cement
- 2 Aggregate 3 White Sand

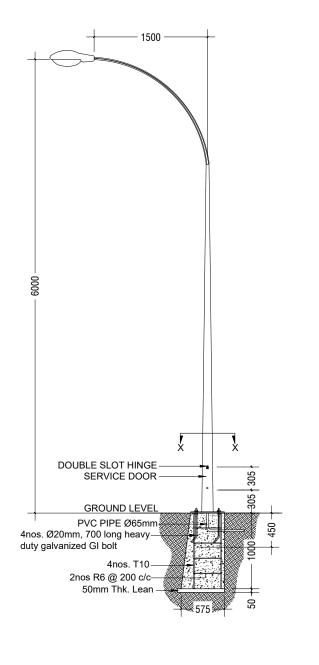
PROJECT: DESIGN	& BUILD OF	SH.MILANDHOO	MAJOR ROADS

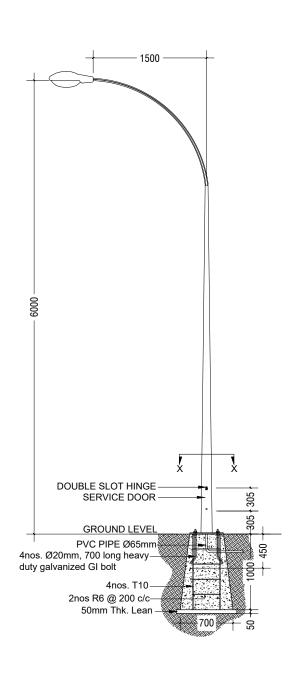
REPUBLIC OF MALDIVES

CLIENT: CONTRACTOR: DRAWING TITLE: MINISTRY OF NATIONAL PLANNING & INFRASTRUCTURE ROAD DEVELOPMENT CORPORATION LTD. **PAVEMENT BLOCK** CURBSTONE ORCHID MAGU, MAAFANNU, MALE' REPUBLIC OF MALDIVES AMEENEE MAGU, MALE'



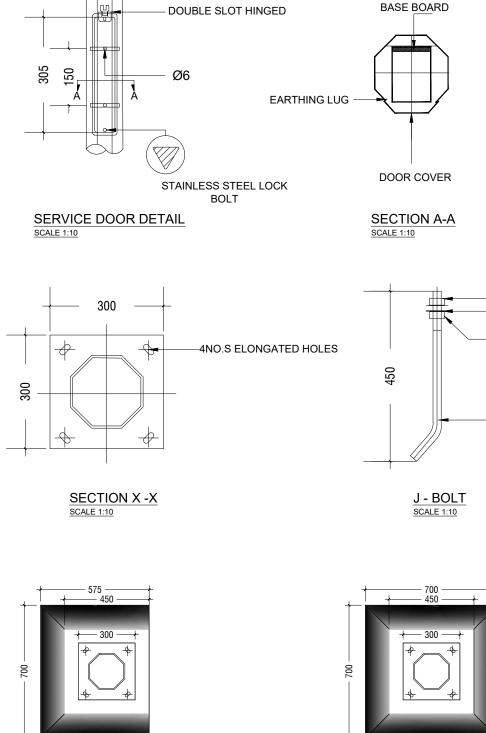
DRAWN BY: ALI ZAMEER	
APPROVED BY: ALI AAFAQ	
PROJECT NO: MIL-RC-2020-05	
DRAWING NO: 11	
SCALE: 1:20	DATE: OCTOBER 2020





LIGHT POLE TYPE - A
SCALE 1: 50

LIGHT POLE TYPE - B
SCALE 1: 50





STREET LIGHT FOUNDATION FOOTING DETAIL TYPE - B
1:20

LOCK NUT

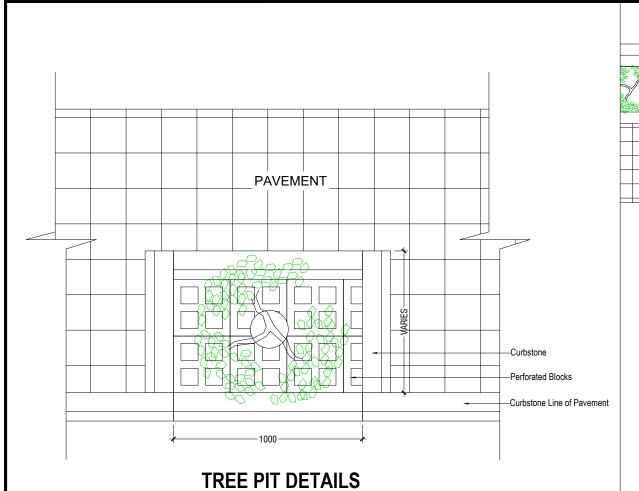
LEVELING NUT

-WASHER

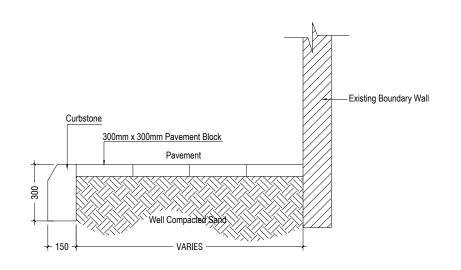
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PROJECT: DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS	PROJECT	: DESIGN &	BUILD OF	SH.MIL	ANDHOO	MAJOR ROADS
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CLIENT	T:	CONTRACTOR:	DRAWING TITLE:		DRAWN BY: ALI ZAMEER	
MINIST	AMEENEE MAGU, MALE' ORCHID MAGU, MAAFANNU, MALE'	ROAD DEVELOPMENT CORPORATION LTD.	LIGHT POLE DETAILS		APPROVED BY: ALI AAFAQ	
		ORCHID MAGU,		RDC	PROJECT NO: MIL-RC-2020-05	
MALE'				C 10402049	DRAWING NO: 12	
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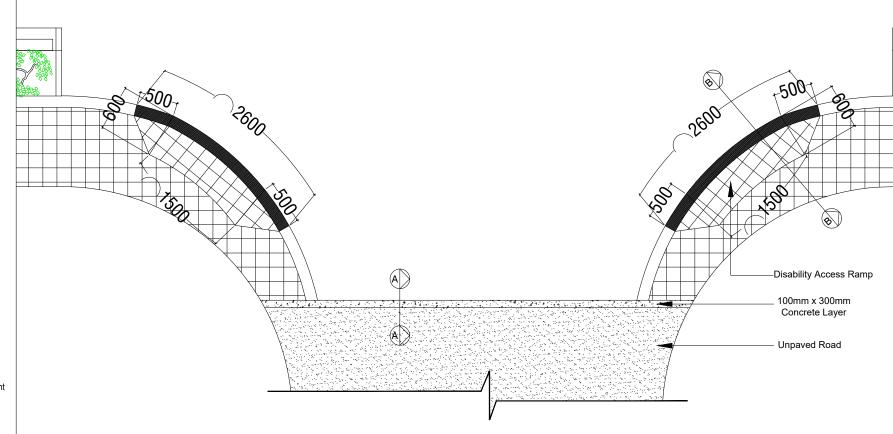


SCALE 1: 20

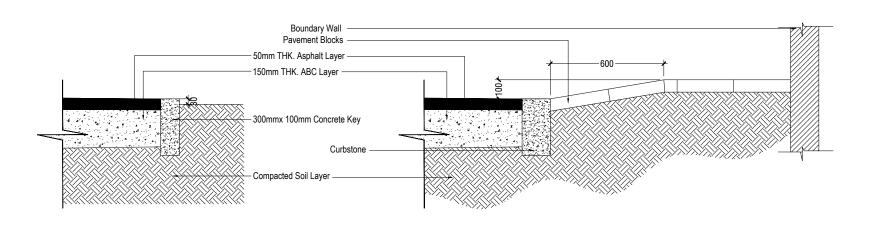


PAVEMENT SECTION DETAILS 1

SCALE 1: 20



ROAD INTERSECTION PLAN



SECTION A-A

SCALE 1: 20

SECTION B-B

SCALE 1: 20

PROJECT: DESIGN & BUILD OF SH.MILANDHOO MAJOR ROADS

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

ROAD DEVELOPMENT CORPORATION LTD.

MAAFANNU, MALE' REPUBLIC OF MALDIVES

TREE PIT DETAILS **ROAD INTERSECTION DETAILS**

DRAWING TITLE:



DRAWN BY: ALI ZAMEER

APPROVED BY: ALI AAFAQ

PROJECT NO: MIL-RC-2020-05

DRAWING NO: 13

SCALE: AS GIVEN DATE: OCTOBER 2020