

5.1 SCOPE OF DESIGN

The Winning Bidder/Contractor shall be responsible for the preparation and submission of all necessary detailed engineering investigations, surveys and design in accordance with the provision of Annex "A" of the Revised IRR of RA 9184 (with exception of the Bidding documents and the ABC)

6.0 CONSTRUCTION

6.1 SCOPE OF CONSTRUCTION

The Winning Bidder/Contractor shall undertake the construction of the Project according to the approved DED by the BCDA, in conformance to the provisions of the DPWH Standards Specification.

6.2 DETAILED CONSTRUCTION PLAN

The Winning Bidder/Contractor shall prepare a Detailed Construction Management Plan (DCMP) as part of the DED that shall be submitted to the BCDA for review and approval. The DCMP shall be based on the preliminary Construction Plan submitted in the Technical Proposal of the Bidder's Bid, as updated and detailed to fit the elements of DED. The DCMP must identify the procedures, processes and management systems that the Winning Bidder/Contractor will apply to ensure the implementation of the Construction Works in accordance with the Contract Agreement.

Health, safety, and security program shall be in accordance with Department Order No. 13, series of 1990, of the Department of Labor and Employment (DOLE);

6.3 COMPLETION OF CONSTRUCTION

- a. The BCDA shall issue a Certificate of Completion and Preliminary Acceptance of Construction, once it has been determined and certified that the following requirements are fully met:
 1. All Tests for Construction complies with the pertinent provisions of the Blue Book and other test requirements for Construction.
 2. All parts of the Project have been completed in accordance with the approved DED including the rectification of all defects.
 3. The Winning Bidder/Contractor's Project Completion Report has been submitted and certified by the BCDA as complying with the requirements.
- b. The Winning Bidder/Contractor have submitted the as-built drawings and other supporting documents to the BCDA not later than two (2) months after the date of the issuance of the Certificate of Completion and Preliminary Acceptance.

7.0 APPROVED BUDGET FOR THE CONTRACT

The Approved Budget for the Contract (ABC) for this Design & Build Project is Pesos: Four Hundred Seventy Five Million Nine Hundred Thirteen Thousand Seven Hundred Pesos and 00/100 (₱475,913,700.00), inclusive of all applicable taxes and fees.

Bids received in excess of the ABC shall be automatically rejected

8.0 MODE OF PAYMENT

8.1 Advance Payment

The Winning Bidder/Contractor may request for an advance payment in an amount not exceeding fifteen percent (15%) of the total contract price which will be divided into two (2) payments:

- 8.1.1 Five percent (5%) of the contract price upon issuance of the Notice to Start the Detailed Design; and
- 8.1.2 Ten percent (10%) of the contract price upon issuance of the Notice to Start the construction.

Processing of the Advance Payment shall be in accordance with the provisions of Annex E of RA 9184.

8.2 Progress Payment

Progress Payments shall be made through a modified scheme upon completion on a **milestone basis** per Segment:

- 8.2.1 Bonifacio South Boulevard - Navy Village Segment
 - 8.2.1.1 First milestone shall be twenty five percent (25%) actual accomplishment.
 - 8.2.1.2 Second milestone shall be fifty percent (50%) actual accomplishment.
 - 8.2.1.3 Third milestone shall be seventy five percent (75%) actual accomplishment.
 - 8.2.1.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.
- 8.2.2 Bonifacio South Boulevard - Bonifacio South Pointe Segment
 - 8.2.2.1 First milestone shall be twenty five percent (25%) actual accomplishment.
 - 8.2.2.2 Second milestone shall be fifty percent (50%) actual accomplishment.
 - 8.2.2.3 Third milestone shall be seventy five percent (75%) actual accomplishment.
 - 8.2.2.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.

8.2.3 Bonifacio South Boulevard - Philippine Army Segment

8.2.3.1 First milestone shall be twenty five percent (25%) actual accomplishment.

8.2.3.2 Second milestone shall be fifty percent (50%) actual accomplishment.

8.2.3.3 Third milestone shall be seventy five percent (75%) actual accomplishment.

8.2.3.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.

8.2.4 Bonifacio South Boulevard - NAMRIA Segment

8.2.4.1 First milestone shall be twenty five percent (25%) actual accomplishment.

8.2.4.2 Second milestone shall be fifty percent (50%) actual accomplishment.

8.2.4.3 Third milestone shall be seventy five percent (75%) actual accomplishment.

8.2.4.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.

8.2.5 Access Road - 1 Segment

8.2.5.1 First milestone shall be twenty five percent (25%) actual accomplishment.

8.2.5.2 Second milestone shall be fifty percent (50%) actual accomplishment.

8.2.5.3 Third milestone shall be seventy five percent (75%) actual accomplishment.

8.2.5.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.

8.2.6 Pasong Tamo Widening Segment

8.2.6.1 First milestone shall be twenty five percent (25%) actual accomplishment.

8.2.6.2 Second milestone shall be fifty percent (50%) actual accomplishment.

8.2.6.3 Third milestone shall be seventy five percent (75%) actual accomplishment.

8.2.6.4 Fourth milestone shall be one hundred percent (100%) actual actual accomplishment.

Processing of the Progress Payments shall be in accordance with the provisions of Annex E of RA 9184.

9.0 PROJECT DURATION

The Winning Bidder/Contractor shall complete the design–build services under the contract within Thirty Six (36) months including the clearing/demolition of the existing structures/facilities, improvements and utilities affected by the Project upon issuance by BCDA of the Notice to Proceed (NTP).

9.1 The Winning Bidder/Contractor shall complete the Detailed Engineering Design within twelve (12) months to the BCDA for review and approval upon the issuance by the BCDA of the Notice to Start the Detailed Design

- Inception Report within one (1) month from the issuance of the Notice to Start Detailed Design;
- Detailed Engineering Survey and Investigation Reports within three (3) months from the acceptance and approval of the Inception Report;
- Preliminary Detailed Design within six (6) months from the acceptance and approval of the Detailed Engineering Survey and Investigation Report;
- Final Detailed Design within two (2) months from the acceptance and approval of the Preliminary Detailed Design.

9.2 The Winning Bidder/Contractor shall complete the construction of the Boulevard within twenty four (24) months from of the issuance of the Notice to Start Construction by BCDA.

The construction period per Segment shall be determined and finalized during the Detailed Engineering Design which shall be subject to the approval of BCDA.

10. ELIGIBILITY CRITERIA FOR BIDDERS

The Design and Build Scheme shall adopt the Annex “G” of the Implementing Rules and Regulations of R.A. 9184 (e.g. Eligibility Requirement). However, the prospective Bidder/Contractor who have no experience in design and build project on its own, may opt to enter a subcontracting agreement with a design or engineering firms for the design portion of the Project.

11.0 CONTENTS OF THE BID

11.1 TECHNICAL PROPOSAL – IN THE FIRST ENVELOPE

The Technical Proposal shall contain all the required documents for infrastructure projects under Section 25.2(b) of the IRR of R.A 9184 and the following additional documents:

- a. Preliminary Conceptual Design Plans;
- b. Design and Construction methods;
- c. List of design and construction personnel, to be assigned to the contract to be bid, with their complete qualification and experience data; and
- d. Value engineering analysis of design and construction method.

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11.2 FINANCIAL PROPOSAL – IN THE SECOND ENVELOPE

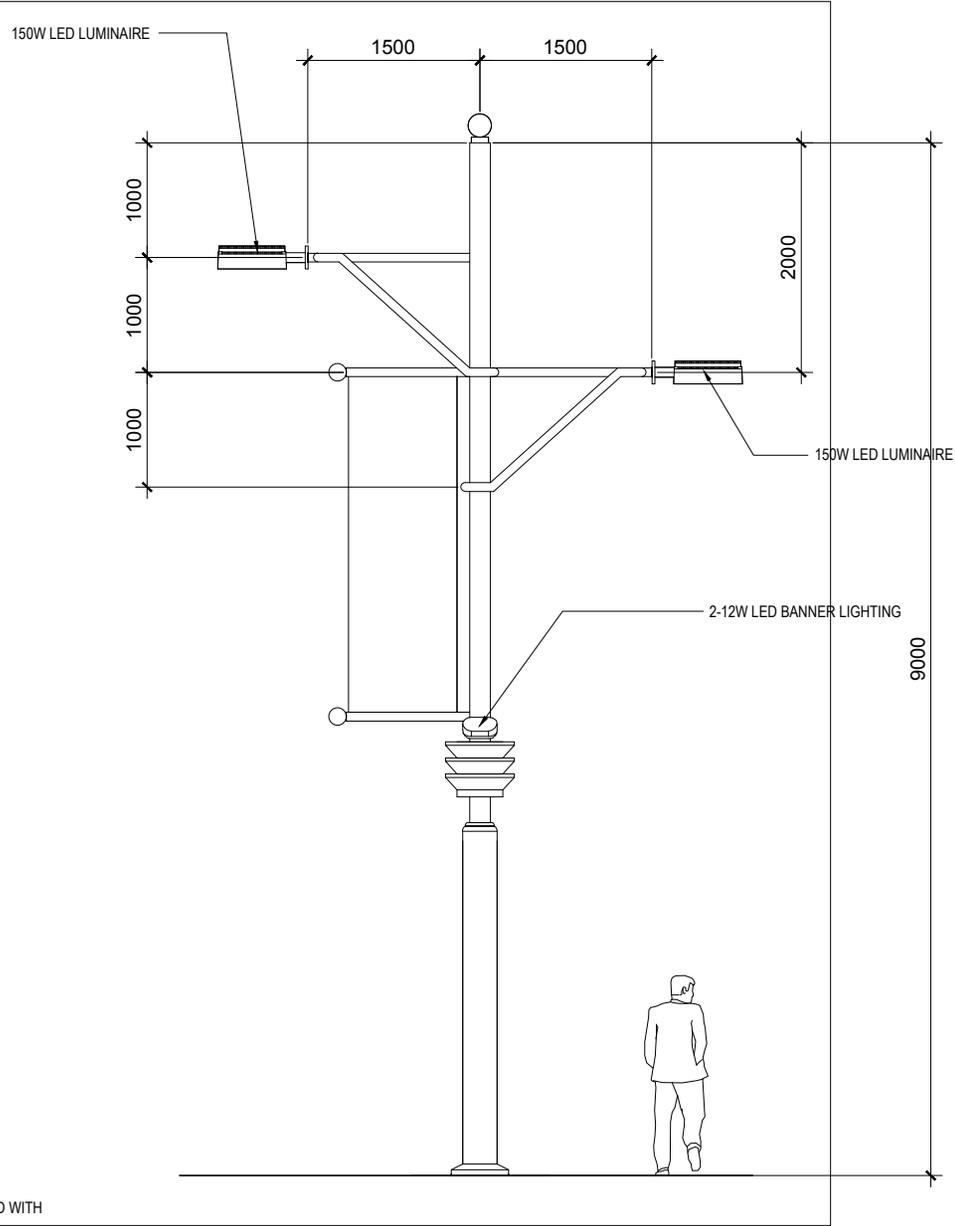
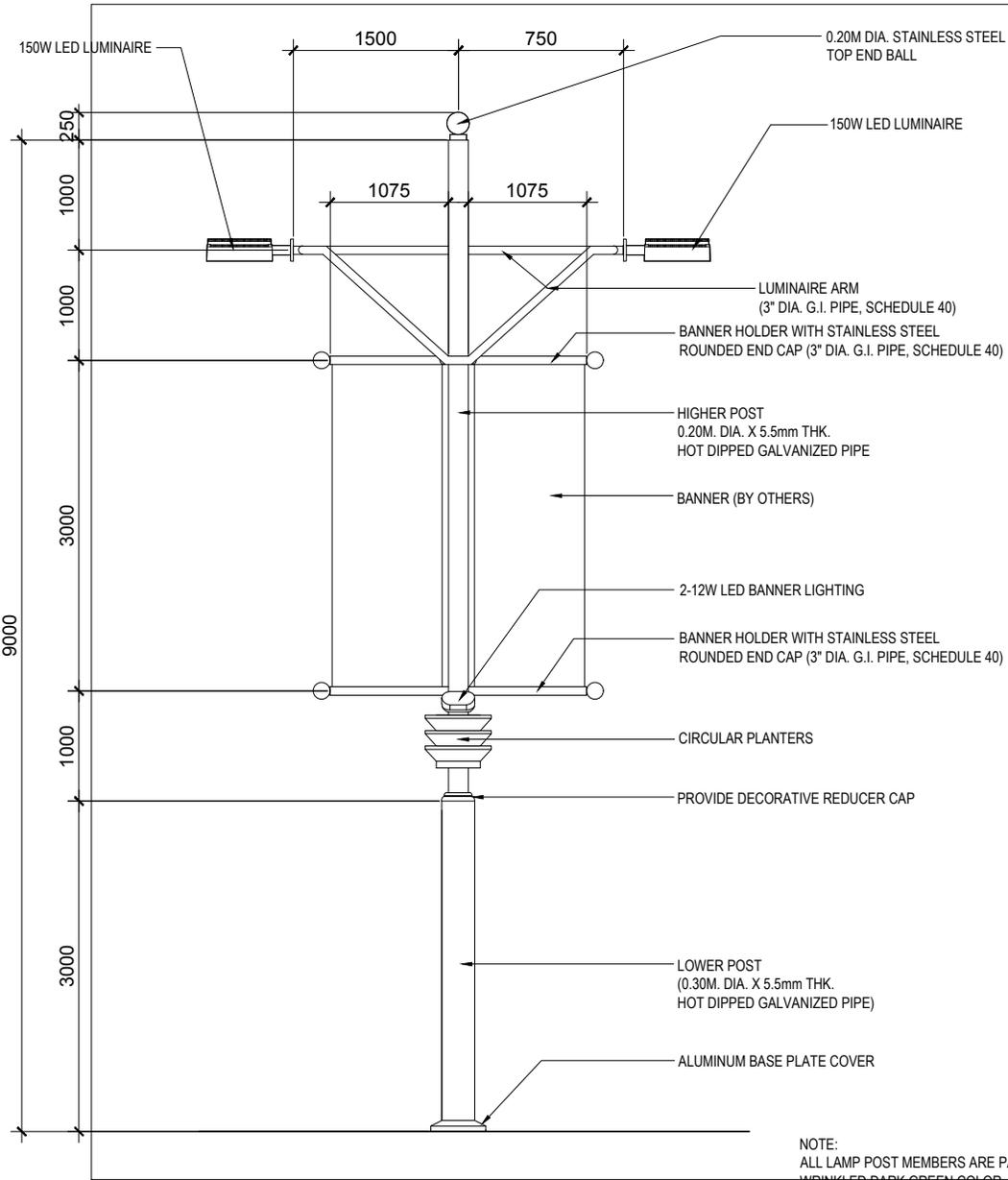
The Financial Proposal shall contain all the required documents for infrastructure projects under Section 25.3 of the IRR of R.A 9184 and the following additional document:

- a. Lump sum bid prices, which shall include the detailed engineering design cost, in the prescribed Bid Form;
- b. Detailed estimates including a summary sheet indicating the unit prices of construction materials, labor rates and equipment rentals used in coming up with the bid; an
- c. Cash flow by the quarter.

12.0 PRELIMINARY SURVEY AND REPORTS

- 12.1 Preliminary Survey and Mapping
- 12.2 Inventory of Structures
- 12.3 As-Built Plans of Chateau Road
- 12.4 Land Use Plan for the Bonifacio South Properties



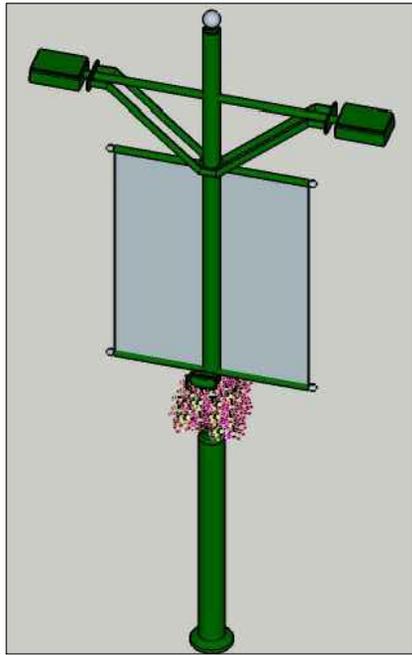
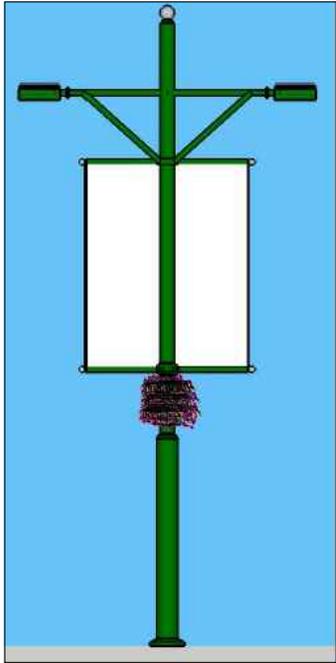


NOTE:
ALL LAMP POST MEMBERS ARE PAINTED WITH
WRINKLED DARK GREEN COLOR

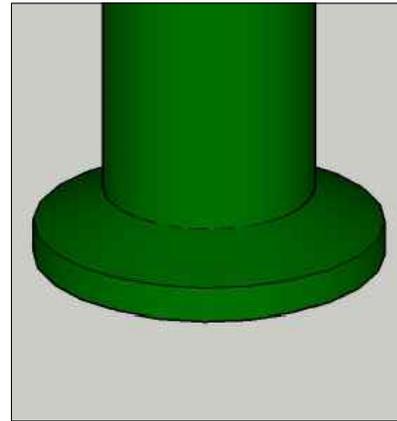
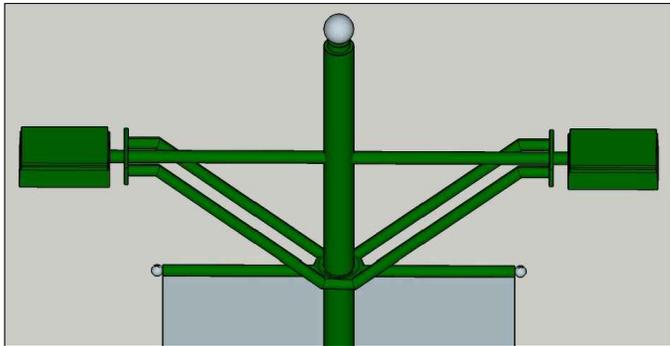
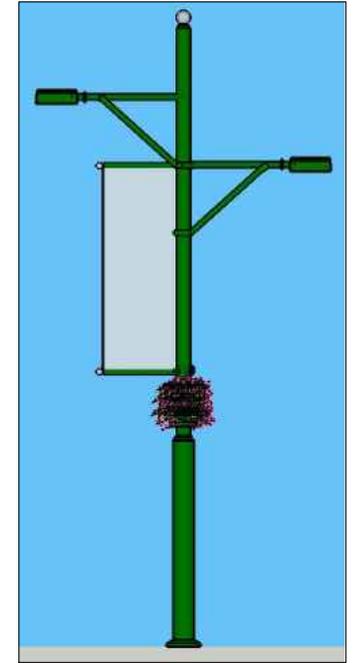
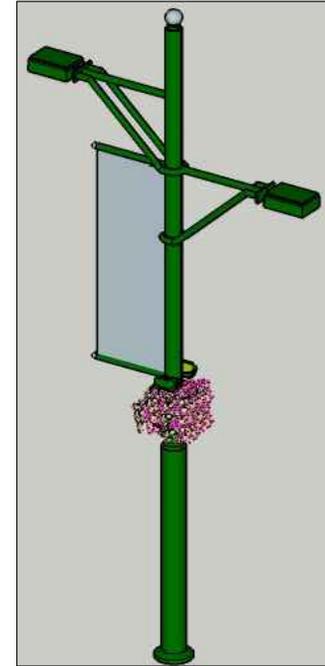
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SCALE 1:50MTS.

E-2 LAMP POST 2 FRONT ELEVATION
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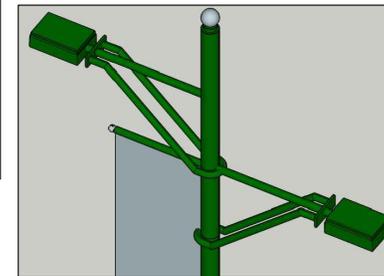
For PUBLIC BIDDING Purposes only
(Bonifacio South Main Boulevard Project)
Source: MEGAWORLD



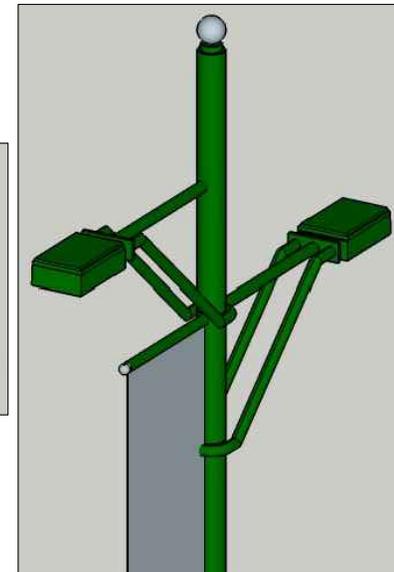
CIRCULAR PLANTER



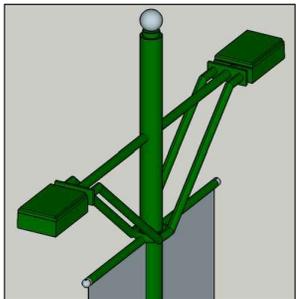
BASE PLATE COVER



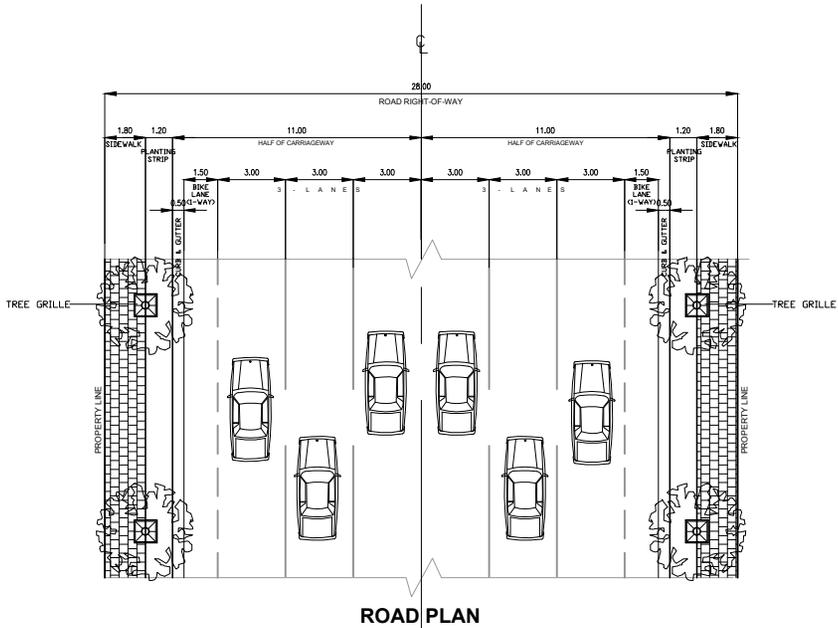
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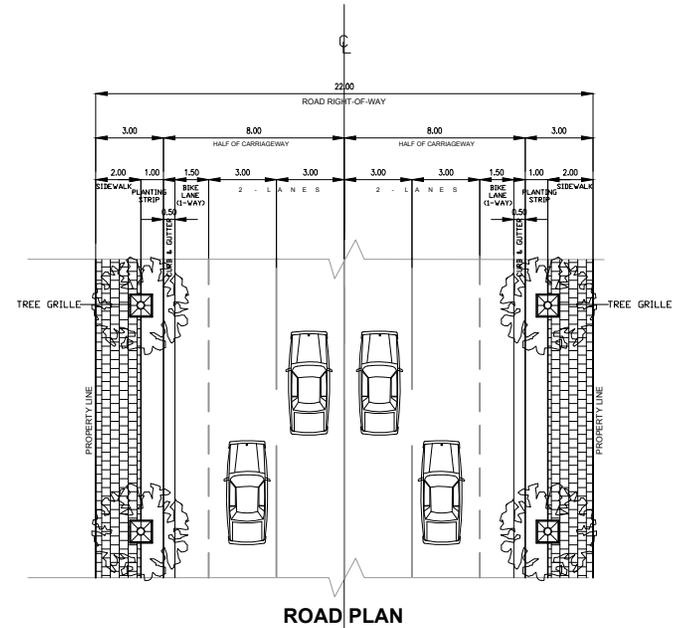
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IMAGES OF DESIGN DETAILS
NOT TO SCALE



28.00 M. WIDE RIGHT OF WAY
CHATEAU ROAD
(WITH BIKE LANE)



22.00 M. WIDE RIGHT OF WAY
LE GRAND AVENUE
(WITH BIKE LANE)