

# **PHILIPPINE BIDDING DOCUMENTS**

# **Procurement of INFRASTRUCTURE PROJECTS**

Government of the Republic of the Philippines

**PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT  
NARRA AVENUE, MAPAYAPA III SUBDIVISION**

**Project number: 21-00010**

**Sixth Edition  
July 2020**

# Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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# ***Glossary of Terms, Abbreviations, and Acronyms***

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**Contractor** – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

**DTI** – Department of Trade and Industry.

**Foreign-funded Procurement or Foreign-Assisted Project** – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.



## ***Section I. Invitation to Bid***

### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



**REPUBLIC OF THE PHILIPPINES**  
**QUEZON CITY GOVERNMENT**  
**BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE &**  
**CONSULTANCY**



2<sup>nd</sup> floor, Finance Building, Procurement Department, Quezon City Hall Complex, Elliptical Road, Quezon City

March 23, 2021

**Invitation to Bid**

No.	Project No.	Project Name	Location	Amount	Duration Cal. Days	Office	Source Fund
<b><u>Buildings – Small B</u></b>							
1	21-00001	Proposed Additional Xray Room at Rosario Maclang Bautista General Hospital	Batasan Hills	2,169,318.82	90	City Engineering Department	Engineering Dept.
<b><u>Buildings – Medium A</u></b>							
2	21-00002	Proposed Construction of Housing Units No. 28 (3 Cluster - 72 Units) at Barangay Nagkaisang Nayon	Nagkaisang Nayon	48,525,454.36	150	City Engineering Department	Housing Community Development & Resettlement Dept. (HCDRD)
<b><u>Flood Control – Small B</u></b>							
3	21-00003	Proposed Construction of Box Culvert and Drainage Interceptors at Mariblo Barangay Hall	Mariblo	1,317,316.22	90	City Engineering Department	Engineering Dept.
4	21-00004	Proposed Construction of Retaining Wall at Animal Pound	Payatas	4,293,141.89	60	City Engineering Department	Engineering Dept.
<b><u>Flood Control – Medium A</u></b>							
5	21-00005	Proposed Rehabilitation and Construction of Reinforced Concrete Canal with Strut at Creek Beside Mangga Street (Halang Creek)	San Antonio / Katipunan	81,074,284.66	300	City Engineering Department	OCM-LDRRMF
6	21-00006	Proposed Rehabilitation and Construction of Reinforced Concrete Retaining Wall at Culiati Creek	Vasra	104,028,468.38	360	City Engineering Department	OCM-LDRRMF
7	21-00007	Proposed Rehabilitation and Construction of Reinforced Concrete Canal with Strut at Batasan Area (Paltok Creek)	Batasan Hills / Commonwealth	135,681,703.28	360	City Engineering Department	OCM-LDRRMF
<b><u>Parks – Small B</u></b>							
8	21-00008	Proposed Improvement of Bernardo Park at Bernardo Street Corner EDSA	Pinagkaisahan	7,326,407.81	135	Parks Devt. & Admin. Dept.	Engineering Dept.

9	21-00009	Proposed Improvement of Capitol Homes Park at Berlin Road Corner Amsterdam Road	Matandang Balara	12,886,327.65	225	Parks Devt. & Admin. Dept.	Engineering Dept.
10	21-00010	Proposed Improvement of Mapayapa II Park at Narra Avenue, Mapayapa III Subdivision	Pasong Tamo	14,423,567.84	210	Parks Devt. & Admin. Dept.	Engineering Dept.
11	21-00011	Proposed Improvement of Project 6 Park at Road 2 corner Road 7	Project 6	23,292,945.34	330	Parks Devt. & Admin. Dept.	Engineering Dept.
<b><u>Roads – Small B</u></b>							
12	21-00012	Proposed Rehabilitation (Surface Improvement) of Darga Street	Damar	1,551,866.79	15	City Engineering Department	20% City Development Fund
13	21-00013	Proposed Rehabilitation (Surface Improvement) of Mayon and Baco Streets	Nagkaisang Nayon	2,102,789.42	20	City Engineering Department	20% City Development Fund
14	21-00014	Proposed Rehabilitation (Surface Improvement) of Ernesto Porto Street	Del Monte	2,239,914.95	25	City Engineering Department	20% City Development Fund
15	21-00015	Proposed Rehabilitation (Surface Improvement) of Orchids Street	Fairview	2,758,195.60	20	City Engineering Department	20% City Development Fund
16	21-00016	Proposed Rehabilitation (Surface Improvement) of Dancalan Street	Damar	3,033,968.52	20	City Engineering Department	20% City Development Fund
17	21-00017	Proposed Rehabilitation (Surface Improvement) of San Simon Street	Holy Spirit	4,239,797.26	30	City Engineering Department	20% City Development Fund
18	21-00018	Proposed Rehabilitation (Surface Improvement) of Production / VIPRA	Sangandaan	4,740,546.22	35	City Engineering Department	20% City Development Fund
19	21-00019	Proposed Rehabilitation (Surface Improvement) of Filinvest 1 Road	Batasan Hills	7,134,461.11	30	City Engineering Department	20% City Development Fund
20	21-00020	Proposed Rehabilitation (Surface Improvement) of Walnut Street	Fairview	8,584,344.29	55	City Engineering Department	20% City Development Fund
21	21-00021	Proposed Rehabilitation (Surface Improvement) of Road 3	Project 6	11,234,728.41	65	City Engineering Department	20% City Development Fund
<b><u>Roads – Medium A</u></b>							
22	21-00022	Proposed Rehabilitation (Surface Improvement) of N.S. Amoranto Sr. Street	Various Barangays in District 1	30,393,447.36	120	City Engineering Department	20% City Development Fund

1. The **QUEZON CITY LOCAL GOVERNMENT**, through *funding source of various years* intends to apply the sum stated above being the Approved Budget for the Contract (ABC) to payments under the contract *for the above stated Projects*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **QUEZON CITY LOCAL GOVERNMENT** now invites bids for the above Procurement Project. Completion of the Works is required *as stated above*. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **QUEZON CITY LOCAL GOVERNMENT – BAC Secretariat** and inspect the Bidding Documents at the address given below *weekdays from 8:00 am. – 5:00 p.m.*
5. A complete set of Bidding Documents may be acquired by interested bidders on **24 March 2021 (Wednesday)** from given address and website/s below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *presented in person*.

**STANDARD RATES:**

Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

The following are the requirements for purchase of Bidding Documents;

1. PhilGEPS Registration Certificate (Platinum – 3 Pages)
2. Document Request List (DRL)
3. Authorization to purchase bidding documents
  - 3.1 Secretary’s Certificate (for corporation)
  - 3.2 Special Power of Attorney (for sole proprietorship)
4. Notarized Joint Venture Agreement (if applicable)
5. Letter of Intent

It must be duly received by the BAC Secretariat at 2<sup>nd</sup> Floor, Procurement Department, Finance Building, Quezon City Hall Compound on or before **March 31, 2021 - 5:00PM**.

6. The **QC- BAC- INFRASTRUCTURE & CONSULTANCY** will hold a Pre-Bid Conference<sup>1</sup> on **April 5, 2021 at 10:00 AM at 2<sup>nd</sup> Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound** or we encourage the prospective bidders to join through our **Virtual Conference (ZOOM APP)** which shall be open to prospective bidders.

**Virtual Conference (ZOOM APP)**  
**Meeting ID: 891 1185 9539**  
**Password: 598996**

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<sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.



7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before **April 20, 2021. – 9:00AM.** Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 16.**
9. Bid opening shall be on **April 20, 2021 - 10:00 AM** at **2<sup>nd</sup> Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound** and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

**Virtual Conference (ZOOM APP)**

**Meeting ID: 836 3298 7664**

**Password: 451221**

10. The **Quezon City Local Government** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**ATTY. DOMINIC B. GARCIA**

OIC, Procurement Department

2<sup>nd</sup> Floor, Procurement Department,

Finance Building, Quezon City Hall Compound

Elliptical Road, Barangay Central Diliman, Quezon City.

Tel. No. (02)8988-4242 loc. 8506/8710

Email Add: [procurement@quezoncity.gov.ph](mailto:procurement@quezoncity.gov.ph)

Website: [www.quezoncity.gov.ph](http://www.quezoncity.gov.ph)

12. You may visit the following websites:

For downloading of Bidding Documents: <https://quezoncity.gov.ph/public-notice/procurement/>

By:

**ATTY. MARK DALE DIAMOND P. PERRAL**  
Chairman BAC-Infra and Consultancy

## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

## 1. Scope of Bid

The Procuring Entity, **Quezon City Government** invites Bids for the **PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVENUE, MAPAYAPA III SUBDIVISION** with Project Identification Number **21-00010**.

*[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]*

The Procurement Project (referred to herein as “Project”) is for the construction of Works, as described in Section VI (Specifications).

## 2. Funding Information

2.1. The GOP through the source of funding as indicated below for **2021** in the amount of **Fourteen Million Four Hundred Twenty Three Thousand Five Hundred Sixty Seven Pesos & 84/100 Cts. (P 14,423,567.84)**.

2.2. The source of funding is:

a. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

## 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

## 4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and

obstructive practices defined under Annex “P” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA’s CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be “similar” to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

## 6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

## 7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:

### a. Subcontracting is not allowed.

- 7.1. *[If Procuring Entity has determined that subcontracting is allowed during the bidding , state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterial stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary



requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

## **8. Pre-Bid Conference**

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address on **April 5, 2021 10:00 A.M. at 2nd Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound** and/or we encourage the prospective bidders to join through our **Virtual Conference (ZOOM APP) Meeting ID: 89111859539 Password: 598996**

## **9. Clarification and Amendment of Bidding Documents**

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## **10. Documents Comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their

complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.

- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

## **11. Documents Comprising the Bid: Financial Component**

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## **12. Alternative Bids**

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

## **13. Bid Prices**

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

## **14. Bid and Payment Currencies**

- 14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 14.2. *Payment of the contract price shall be made in:*
  - a. Philippine Pesos.

## **15. Bid Security**

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security **in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## **16. Sealing and Marking of Bids**

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## **17. Deadline for Submission of Bids**

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 5 of the **IB**.

## **18. Opening and Preliminary Examination of Bids**

- 18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **19. Detailed Evaluation and Comparison of Bids**

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC

shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

## **20. Post Qualification**

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21. Signing of the Contract**

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet (BDS)**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause																																	
5.2	For this purpose, similar contracts shall refer to contracts which have the same major categories of work.																																
7.1	<b>Subcontracting is not allowed.</b>																																
10.3	<i>No additional contractor license or permit is required</i>  <b><i>In addition, eligible bidders shall qualify or comply with the following:</i></b>  1. Bidders with valid Philippine Contractors Accreditation Board (PCAB)  Type  <b>Parks - Small B</b>																																
10.4	The minimum work experience requirements for key personnel are the following:																																
	<table><tr><td>Qty.</td><td>Key Personnel</td><td>General Experience</td><td>Relevant Experience</td></tr><tr><td>1</td><td>Project Engineer</td><td>3 years</td><td>3 years</td></tr><tr><td>1</td><td>DPWH duly accredited Materials Engineer</td><td>3 years</td><td>3 years</td></tr><tr><td>1</td><td>Electrical Engineer</td><td>3 years</td><td>3 years</td></tr><tr><td>1</td><td>Safety Officer</td><td>3 years</td><td>3 years</td></tr><tr><td>1</td><td>Construction Foreman</td><td>3 years</td><td>3 years</td></tr><tr><td>12</td><td>Skilled Laborers</td><td>1 year</td><td>3 months</td></tr><tr><td>12</td><td>Unskilled Laborers</td><td>1 year</td><td>3 months</td></tr></table>	Qty.	Key Personnel	General Experience	Relevant Experience	1	Project Engineer	3 years	3 years	1	DPWH duly accredited Materials Engineer	3 years	3 years	1	Electrical Engineer	3 years	3 years	1	Safety Officer	3 years	3 years	1	Construction Foreman	3 years	3 years	12	Skilled Laborers	1 year	3 months	12	Unskilled Laborers	1 year	3 months
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<b><i>In addition, the bidder must execute an affidavit of undertaking duly notarized stating that the foregoing personnel shall perform work exclusively for the project until its completion. Please see attached bid forms.</i></b>																																	
10.5	The minimum major equipment requirements are the following:																																
	<table><tr><td>Equipment</td><td>Capacity</td><td>Number of Units</td></tr><tr><td>Concrete Breaker/ Backhoe</td><td></td><td>1</td></tr><tr><td>Mini Dump Truck</td><td></td><td>1</td></tr><tr><td>Concrete Mixer</td><td></td><td>2</td></tr><tr><td>Concrete Vibrator</td><td></td><td>2</td></tr><tr><td>Generator</td><td></td><td>2</td></tr><tr><td>Welding Machine</td><td></td><td>2</td></tr><tr><td>Pumpcrete</td><td></td><td>1</td></tr><tr><td>Minor Tools</td><td></td><td>4 sets</td></tr></table>	Equipment	Capacity	Number of Units	Concrete Breaker/ Backhoe		1	Mini Dump Truck		1	Concrete Mixer		2	Concrete Vibrator		2	Generator		2	Welding Machine		2	Pumpcrete		1	Minor Tools		4 sets					
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	<i>In addition, the bidder must execute an affidavit of undertaking duly notarized stating that the foregoing equipment shall be used exclusively for the project until its completion. Please see attached bid forms.</i>
12	<i>[Insert Value Engineering clause if allowed.]</i>
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration with project number, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> <li>a) The amount of not less than Php 288,471.36 or equivalent to two percent (2%) of ABC if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b) The amount of not less than Php 721,178.39 or equivalent to five percent (5%) of ABC if bid security is in Surety Bond.</li> </ul>
19.2	<b>Partial bid is not allowed.</b> The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
20	No additional requirement.
21	<p><b>Additional Contract Documents relevant to the Project as required:</b></p> <ol style="list-style-type: none"> <li><b>1. Construction Schedule and S-curve,</b></li> <li><b>2. Manpower Schedule,</b></li> <li><b>3. Construction Methods,</b></li> <li><b>4. Equipment Utilization Schedule,</b></li> <li><b>5. PERT/CPM or other acceptable tools of project scheduling, shall be included in the submission of Technical Proposal.</b></li> </ol>

## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.



## **1. Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

## **2. Sectional Completion of Works**

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

## **3. Possession of Site**

3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

## **4. The Contractor's Obligations**

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

## **5. Performance Security**

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

## **6. Site Investigation Reports**

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

## **7. Warranty**

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

## **8. Liability of the Contractor**

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## **9. Termination for Other Causes**

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

## **10. Dayworks**

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

## **11. Program of Work**

- 11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.
- 11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

## **12. Instructions, Inspections and Audits**

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

## **13. Advance Payment**

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

## **14. Progress Payments**

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

## **15. Operating and Maintenance Manuals**

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.

- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

## ***Section V. Special Conditions of Contract***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

# Special Conditions of Contract

GCC Clause	
2	Completion of work shall be within 210 calendar days.
4.1	The Procuring Entity shall give possession of all parts of the Site to the Contractor upon receipt of the Notice to Proceed.
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	<p><i>[Select one, delete the other.]</i></p> <p><i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.</p> <p><i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:]</i> Five (5) years.</p> <p><i>[In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:]</i> Two (2) years.</p>
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.
13	The amount of the advance payment is no more than fifteen percent (15%) of the Contract Price subject to approval by the HOPE and compliance with the conditions under RA 9184 and its IRR.
14	No further instructions.
15.1	<p>The date by which operating and maintenance manuals are required is <i>thirty (30) days</i></p> <p>The date by which "as built" drawings are required as part of final payment</p>
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is ten (10%) percent of the contract price.

## ***Section VI. Specifications***

### **Notes on Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted

subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.





**PROJECT** : **Proposed Improvement of Mapayapa III Park at Narra Avenue, Mapayapa III Subdivision**

**LOCATION** : **Barangay Pasong Tamo, Quezon City**

## **SPECIFICATION**

### **1. GENERAL REQUIREMENTS:**

**1.0 GENERAL INTENTION-** It is the declared and acknowledged intention of the City Government to provide the public and complete the Proposed Improvement of Mapayapa III Park at Narra Avenue, Mapayapa III Subdivision located at Barangay Pasong Tamo, Quezon City, and be ready for use.

**1.1 GENERAL DESCRIPTION OF WORK** - The contractor shall study the plans and conduct site investigation and inspection of the area in order to familiarize himself with the extent, condition and nature of work involved.

**1.2 LIQUIDATED DAMAGES** - The time of completion of construction of the project is of essence to the contract. Should the contractor neglect, refuse or fail to complete the construction within time herein provided, then in the event and in view of the difficulty of estimating with exactness the damage caused by delay, the representing agency will compute the liquidated damages as specified on RA 9184 and its implementing rules and regulations.

**1.3 SPECIAL CONDITION** - Prior to start of work, the contractor shall coordinate with government regarding the removal and disposal of existing materials and structures at the site.

**1.4 GENERAL SAFETY-** The contractor shall control the generation of dust and flying particles from his operations to prevent creation of nuisance to the public. All materials for construction shall be properly stored and all materials for disposal shall be properly disposed of. The site shall have fence and barricade for safety.

**1.5 MATERIALS SUBSTITUTE** - Whenever item or class of materials is specified exclusively by trade name, by manufacturers name or by catalogue references, only such item shall be used unless the implementing agency's approval for substitution is secured before using equal quality of materials.

**1.6 SHOP DRAWINGS OF REPORT** - The contractor shall submit a shop drawing subject for approval of the implementing agency before using or applying to the actual construction.

**1.7 PAYMENT** - Payment for each accomplished work shall be based on the approved construction contract.

**1.8 QUALITY CONTROL** - The contractor shall coordinate with the Parks Department to maintain the quality of materials used in the construction. All samples for testing shall be provided by the contractor at no additional cost to the City Government. When test samples fail to meet the specification requirements, the materials represented by the samples shall be replaced and the cost of retesting will be shouldered by the contractor.

## **2. SITE WORKS:**

**SCOPE:** This section includes the Proposed Improvement of Mapayapa III Park at Narra Avenue, Mapayapa III Subdivision, Barangay Pasong Tamo, Quezon City.

### **2.0 EARTHFILL:**

Filling materials shall be spread and compacted uniformly and shall not to exceed more than the required elevation.

### **2.1 EXCAVATION:**

All excavation works must be according to the required depth as indicated in the approved plan.

### **2.2 CONCRETE AND MASONRY:**

This includes construction of multi-purpose building, septic tank, drainage canal concrete pipe, pedestal for bollard light, picnic table, park seat, stampcrete pavement, pathwalk, plantbox, wall feature, pedestal for playsystem & exercise machine and hand washing area.

### **MATERIALS:**

#### **Portland Cement**

**Sand** – washed natural sand or manufactured sand passing a 3mm screen and retained in a no. 100 mesh sieve.

**Gravel** – shall be crushed G-1 or  $\frac{3}{4}$ .

### **2.3 HARDWARE:**

Provide all rough hardware required for the construction works: nails, tie wire, deformed bars, GI pipe, angle bar, C-purlins, rectangular tube, tubular bars, flat bar, welded wire and square bar as specified in the approved plan.

### **2.4 CARPENTRY**

The Contractor shall furnish and perform all carpentry / woodworks as called for and specified in the plans and should also be subjected to pest control using chlordane.

### **2.5 FABRICATED MATERIALS:**

Provide all fabricated materials as specified and shown on the approved plan.

### **2.6 ROOFING AND TINSMITHRY:**

All roofing materials for multi-purpose building shall be pre-painted roofing with pre-painted flashing and other accessories as specified in the approved plan.

### **2.7 PLUMBING / DRAINAGE SYSTEM:**

Provide all drainage/ plumbing works necessary for the completion of the project.

### **2.8 ELECTRICAL WORKS:**

1. All wires must be PHELPS DODGE or its approved equal.
2. Electrical fixtures and accessories shall conform to the approved plan or its approved equal.

### **2.9 LANDSCAPING:**

The ground shall be leveled before filling with garden soil with a minimum thickness of 4". The plants shall conform to the approved plan.



**2.10 PAINTING:**

All paints shall meet the required specifications and shall be delivered at the site in the original container. Use Boysen or approved equivalent by the Project Engineer in the execution of the work.

- a) Steel surfaces shall be treated with Red oxide Primer before the application of paint. In general, rough surfaces of concrete shall be properly puttied before any application of paint.
- b) For the final coat, a color scheme shall be provided by the Implementing Agency.
- c) Rubberized floor paint shall be done after the application of epoxy paint.

**2.11 BILLBOARD:**

This item shall include the furnishing of billboard to provide the public of various information regarding the project.

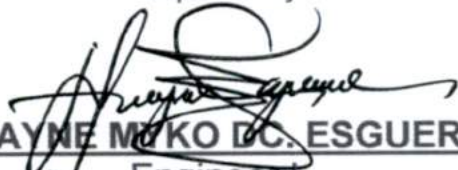
**2.12 CLEAN UP:**

When the work is completed, the contractor shall remove all temporary structures and surplus materials of every sort, restore what have been removed before leaving and leave the premises or site in good condition as he had originally found them.

**2.13 SUBMITTAL REQUIREMENTS:**

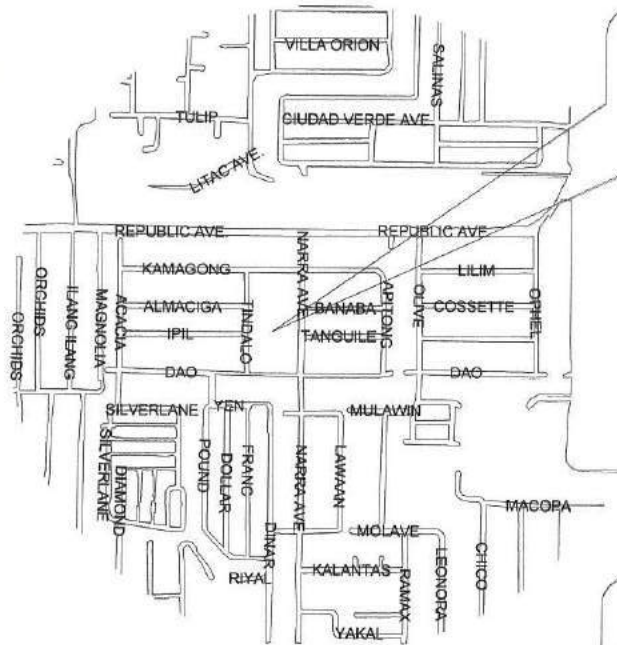
The contractor, during the progress of work, shall keep careful records of all changes, where the actual installation differs from the shown drawings. Upon completion, the contractor shall in a neat and accurate manner, finalize "AS BUILT" drawings on tracing paper together with the logbook signed by the Contractor's Engineer.

Prepared by:

  
DWAYNE MIKO D. ESGUERRA  
Engineer I

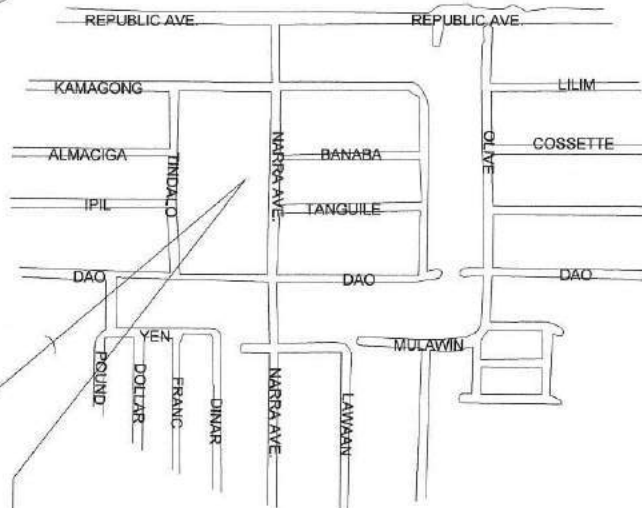
## ***Section VII. Drawings***

*[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]*



VICINITY MAP

THE SITE



LOCATION MAP

THE SITE



PERSPECTIVE

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1	PERSPECTIVE, LOCATION & VICINITY MAP
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	ELEVATION
5	(WALL FEATURE W/ TRELLIS) SECTION
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14	LEFT-SIDE ELEVATION & RIGHT-SIDE ELEVATION
15	CROSS SECTION & LONGITUDINAL SECTION
16	TRELLIS DETAIL-TYPE 1 (MULTI-PURPOSE BLDG.)
17	TRELLIS DETAIL-TYPE 2 (MULTI-PURPOSE BLDG.)
18	TOILET DETAIL (MULTI-PURPOSE BLDG.)
19	DOORS & WINDOWS SCHEDULE
20	FOUNDATION PLAN
21	ROOF FRAMING PLAN & COLUMN & FOOTING DET.
22	WALL FOOTING, BEAM, TRUSS & TIE BEAM DET.
23	WATERLINE LAYOUT
24	SEWAGE & STORM DRAINAGE LAYOUT
25	ISOMETRIC OF WATERLINE
	ISOMETRIC OF SEWAGE & STORM DRAINAGE
26	SEPTIC TANK DETAIL
	PERFORATED LINE CANAL DETAIL
	CATCH BASIN DETAIL
27	LIGHTING LAYOUT
28	POWER LAYOUT
29	LOAD SCHEDULE & PANEL BOARD DETAIL
	RISER DIAGRAM

PREPARED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENT:

NOTED BY: M. M. M.

SHEET NO.:



**PARKS**  
DEVELOPMENT &  
ADMINISTRATION  
DEPARTMENT

Arch. NANCY G. ESGUERRA  
CITY GOVT. DEPARTMENT HEAD III

Hon. MA. JOSEFINA G. BELMONTE  
CITY MAYOR  
QUEZON CITY

PROPOSED IMPROVEMENT OF  
MAPAYAPA III PARK AT  
NARRA AVE. MAPAYAPA III SUBDIVISION

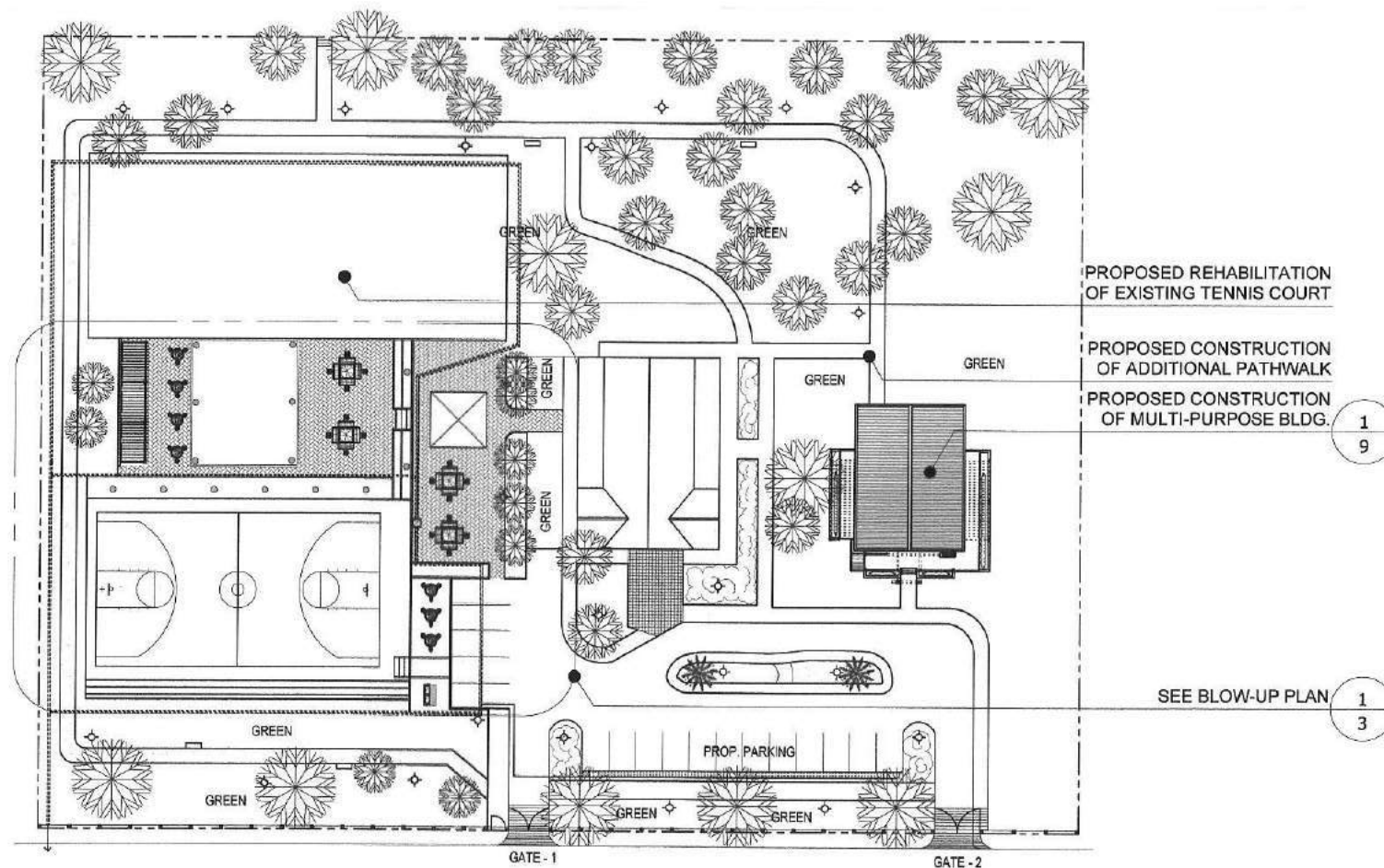
LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY

PERSPECTIVE  
LOCATION  
VICINITY MAP

DATE: 11/20/20  
CHECKED BY: M. M. M.  
DATE: 11/20/20  
CADD BY: M. M. M.  
DATE: 11/20/20





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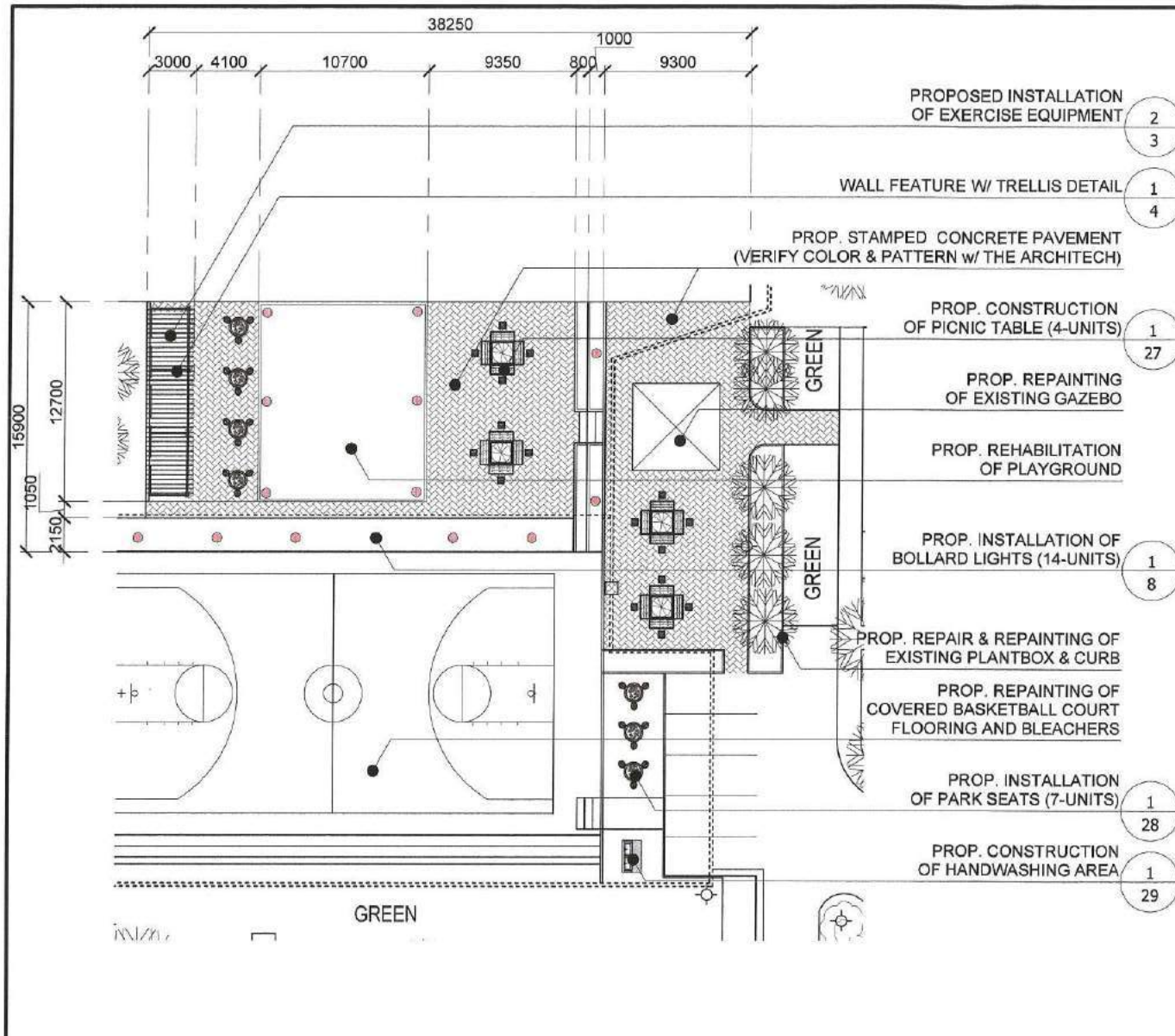




# 1 SITE DEVELOPMENT PLAN

SCALE 1:500 MTS

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i> DATE: 11/1/20	SHEET NO.:
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TARI, DIST. 6, QUEZON CITY	SITE DEVELOPMENT PLAN	CHECKED BY: <i>[Signature]</i> DATE: 11/1/20 CADD BY: <i>[Signature]</i> DATE: 11/20/20	



SINGLE AIR-WALKER



SINGLE CHEST PRESS



SKI-TRAINER



SPINNING BICYCLE



LT16-353F



LT16-353H



LT16-353G



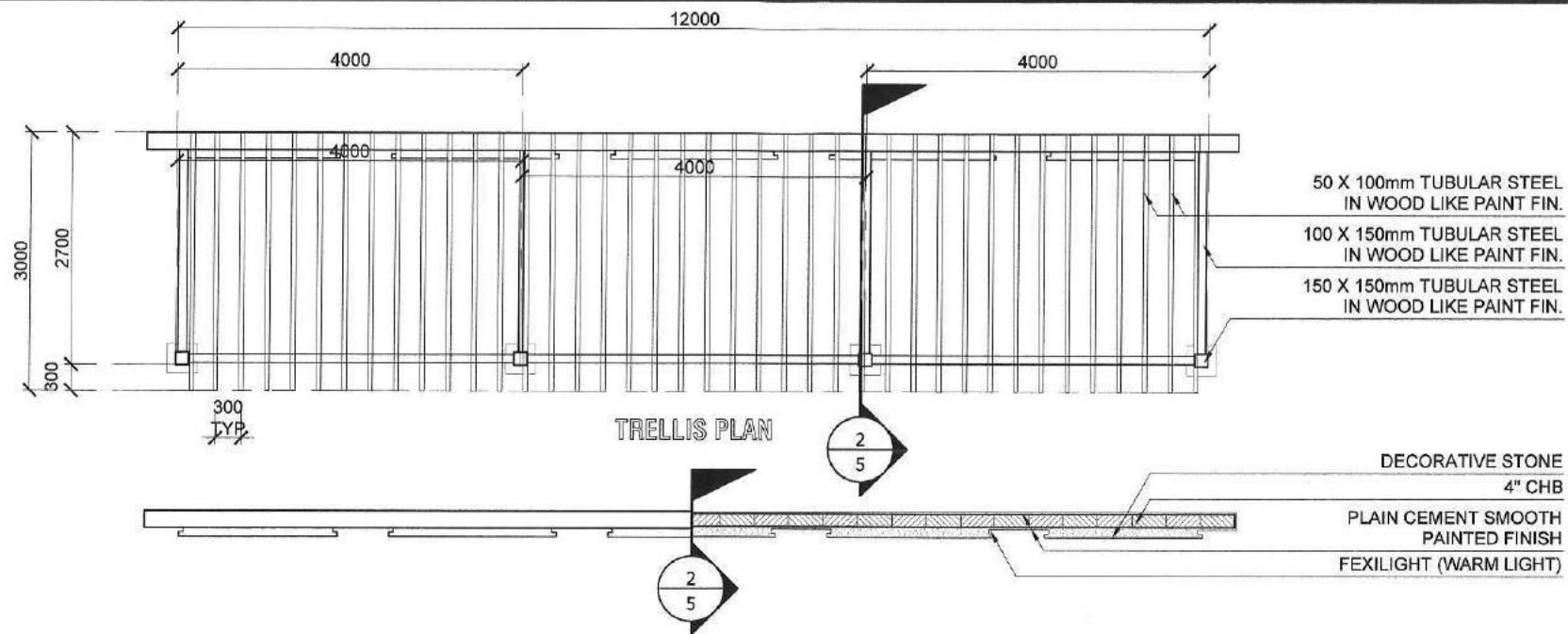
LT16-384G

# 1 BLOW UP PLAN

SCALE 1:300 MTS

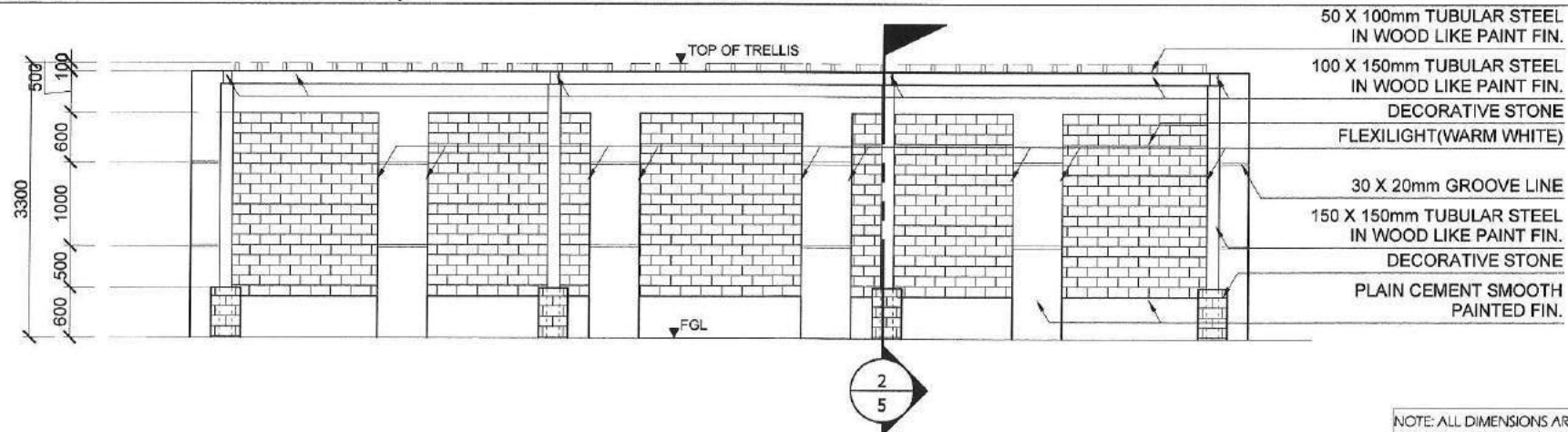
# 2 PLAY EQUIPMENT & EXERCISE MACHINE

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i> DATE: 12/1/20	SHEET NO.:
	Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	BLOW-UP PLAN PLAY EQUIPMENT EXERCISE MACHINE	CHECKED BY: <i>[Signature]</i> DATE: 12/01/20 CADD BY: <i>[Signature]</i> DATE: 11/20/20	3 29



## 1 FLOOR PLAN (WALL FEATURE W/ TRELLIS)

SCALE 1:60 MTS



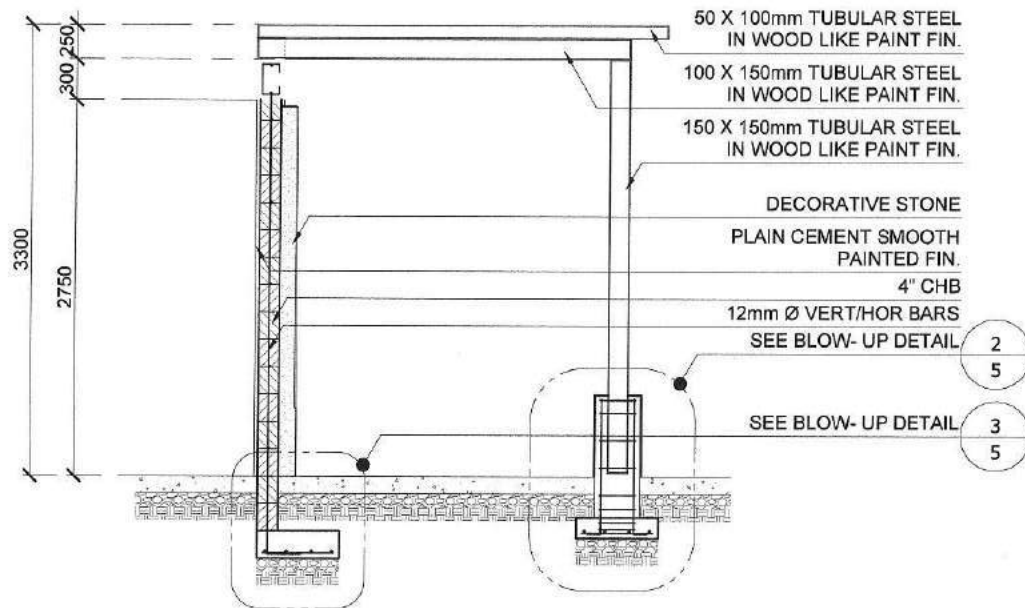
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

## 2 ELEVATION (WALL FEATURE W/ TRELLIS)

SCALE 1:60 MTS

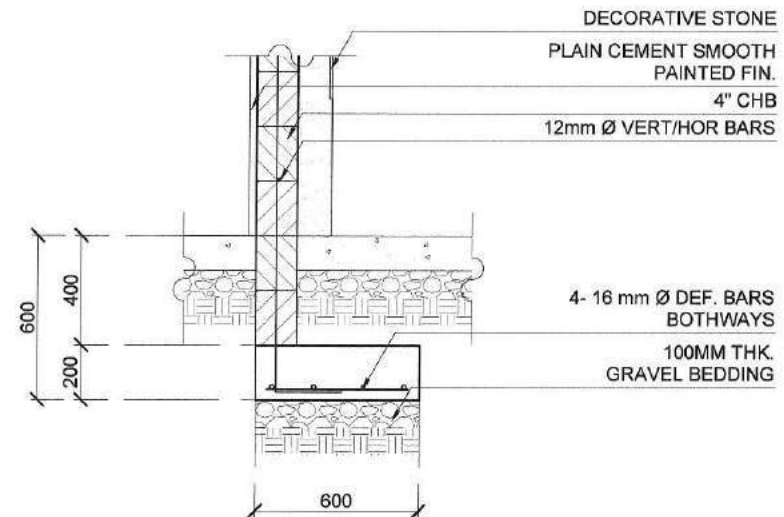
PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
<p><b>PARKS</b> DEVELOPMENT &amp; ADMINISTRATION DEPARTMENT</p>	<p>Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III</p>	<p>Hon. MA. JOSEFINA G. BELMONTE</p> <p>CITY MAYOR QUEZON CITY</p>	<p>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</p> <p>LOCATION: BRGY. PASONG TANO, DIST. 5, QUEZON CITY</p>	<p>(WALL FEATURE W/ TRELLIS) FLOOR PLAN</p> <p>(WALL FEATURE W/ TRELLIS) ELEVATION</p>	<p>DATE: 12/1/20</p> <p>CHECKED BY: A.B.T.</p> <p>DATE: 12/1/20</p> <p>CADD BY: A.B.T.</p> <p>DATE: 11/20/20</p>	<p>4</p> <p>29</p>





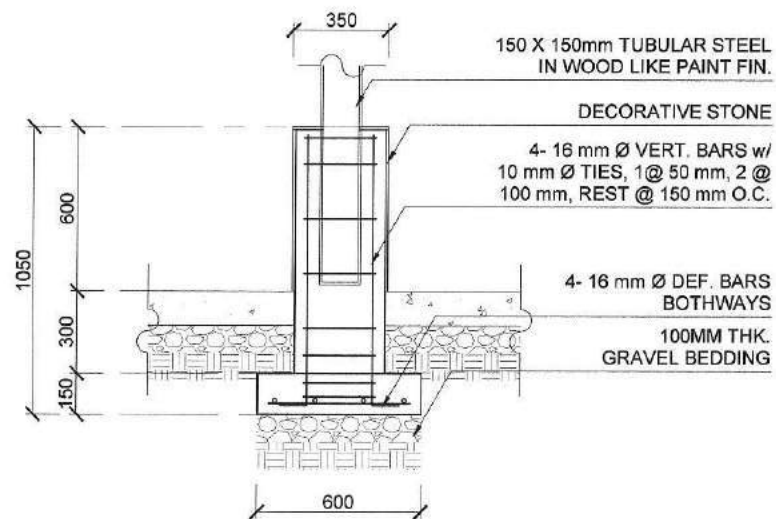
1 SECTION (WALL FEATURE W/ TRELLIS)

SCALE 1:40 MTS



2 SECTION (WALL FEATURE W/ TRELLIS)


SCALE 1:20 MTS

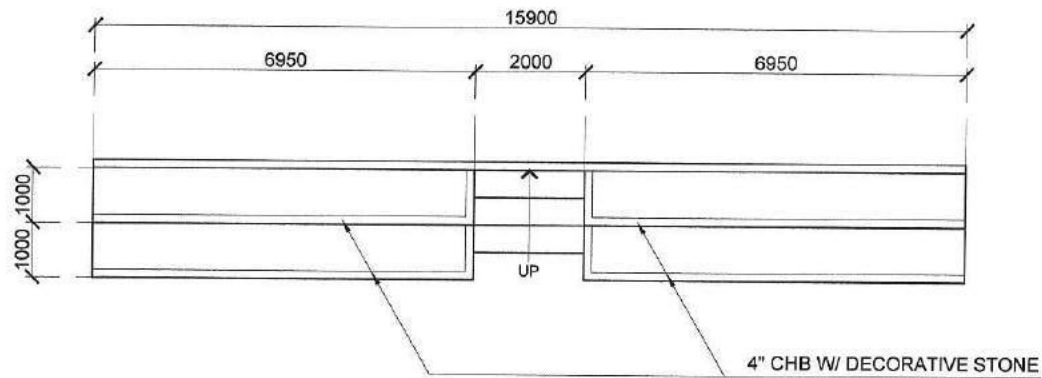


3 SECTION (WALL FEATURE W/ TRELLIS)

SCALE 1:20 MTS

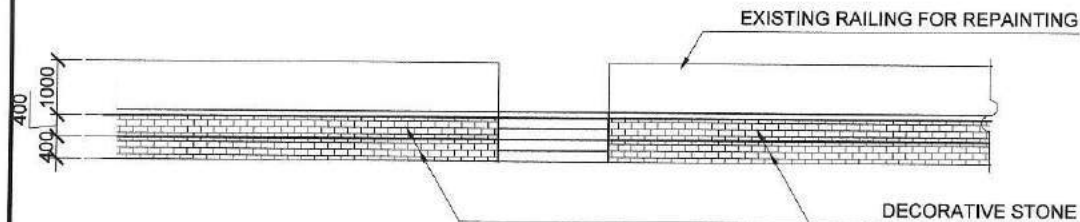
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
 PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TANO, DIST. 6, QUEZON CITY	(WALL FEATURE W/ TRELLIS) SECTION	DATE: 12/1/20 CHECKED BY: <i>[Signature]</i> DATE: 11/6/20 CADD BY: <i>[Signature]</i> DATE: 11/20/20	5 29



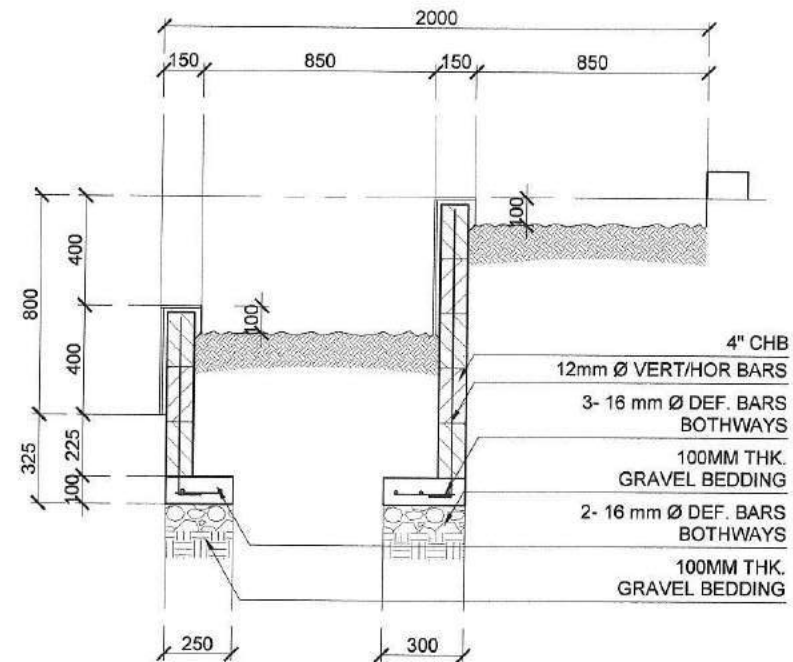
1 FLOOR PLAN (PLANTER WALL)

SCALE 1:100 MTS



2 ELEVATION (PLANTER WALL)




SCALE 1:100 MTS

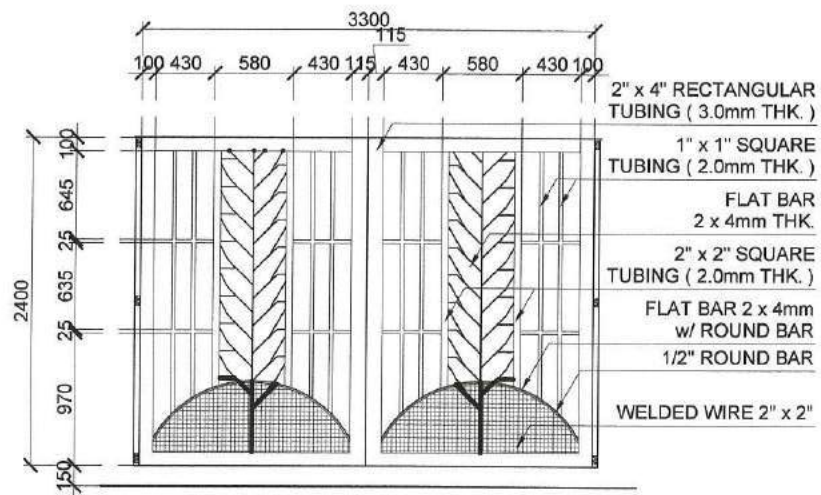


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

3 SECTION (PLANTER WALL)

SCALE 1:20 MTS




PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 <b>Arch. NANCY C. ESGUERRA</b> CITY GOVT. DEPARTMENT HEAD III	 <b>Hon. MA. JOSEFINA G. BELMONTE</b> CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	(PLANTER WALL) FLOOR PLAN ELEVATION SECTION	DATE: 12/1/20 CHECKED BY: A.D.T. DATE: 12/1/20 CADD BY: A.D.T. DATE: 11/20/20	6 29

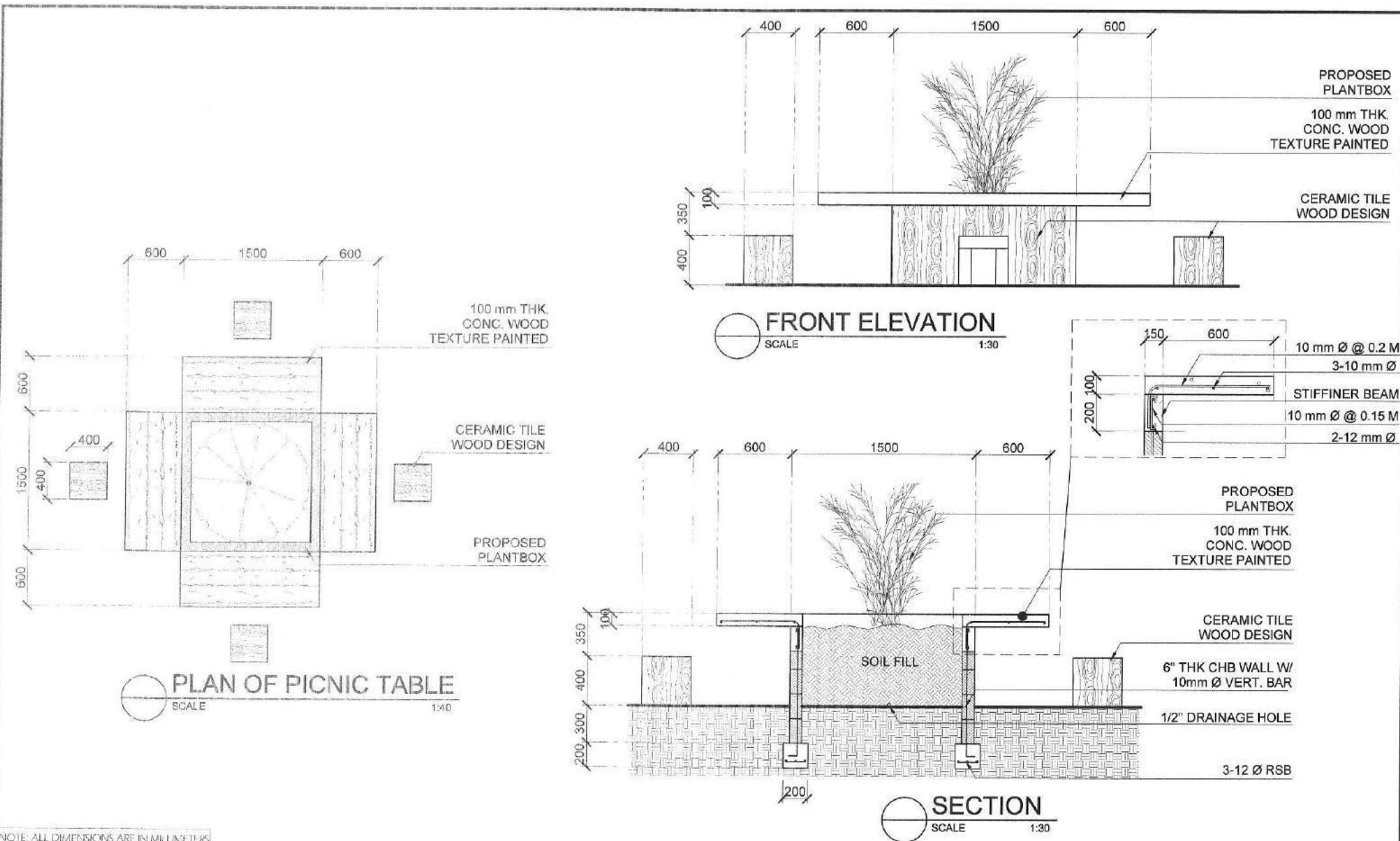




NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 1 GATE DETAIL

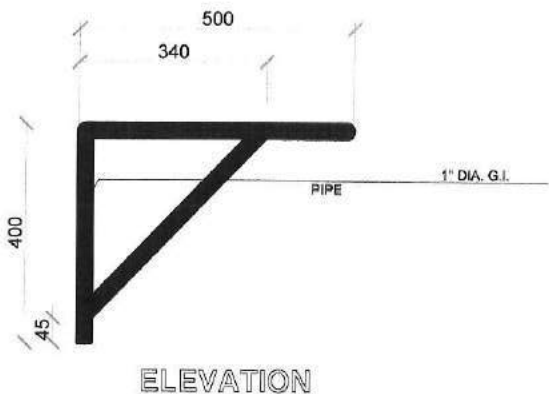
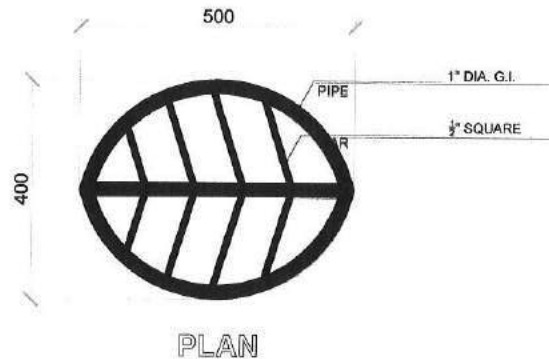
SCALE 1 : 40 MTS.

PREPARED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	SHEET CONTENT :	NOTED BY: <i>[Signature]</i> DATE : 12/1/20 CHECKED BY: <i>[Signature]</i> DATE : 12/01/20 CADD BY: <i>[Signature]</i> DATE : 11/20/20	SHEET NO.: 7 29
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TANO, DIST. 6, QUEZON CITY	GATE DETAIL		



PREPARED BY	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i> DATE: 12/1/20 CHECKED BY: <i>[Signature]</i> DATE: 12/01/20 CADD BY: <i>[Signature]</i> DATE: 11/20/20	SHEET NO.: <div>8 29</div>
 <b>PARKS DEVELOPMENT &amp; ADMINISTRATION DEPARTMENT</b>	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	PICNIC TABLE DETAIL		





NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

### 1 SEAT PLAN

SCALE 1 : 10 MTS.

### 2 PARK SEAT WITH PLANT BOX

SCALE 1 : 30 MTS.

### 3 FOUNDATION PLAN

SCALE 1 : 10 MTS.

PREPARED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENT:

NOTED BY: M.S.T.

SHEET NO.:



**PARKS  
DEVELOPMENT &  
ADMINISTRATION  
DEPARTMENT**

*[Signature]*  
**Arch. NANCY G. ESGUERRA**  
CITY GOVT. DEPARTMENT HEAD III

**Hon. MA. JOSEFINA G. BELMONTE**  
CITY MAYOR  
QUEZON CITY

**PROPOSED IMPROVEMENT OF  
MAPAYAPA III PARK AT  
NARRA AVE. MAPAYAPA III SUBDIVISION**

LOCATION: BRGY. PASONG TANO, DIST. 6, QUEZON CITY

**SEAT PLAN  
PARK SEAT WITH  
PLANT BOX  
FOUNDATION PLAN**

DATE: 12/1/20

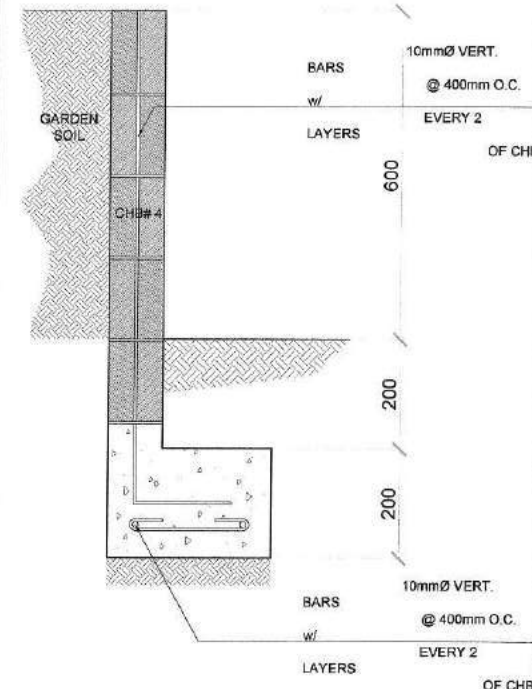
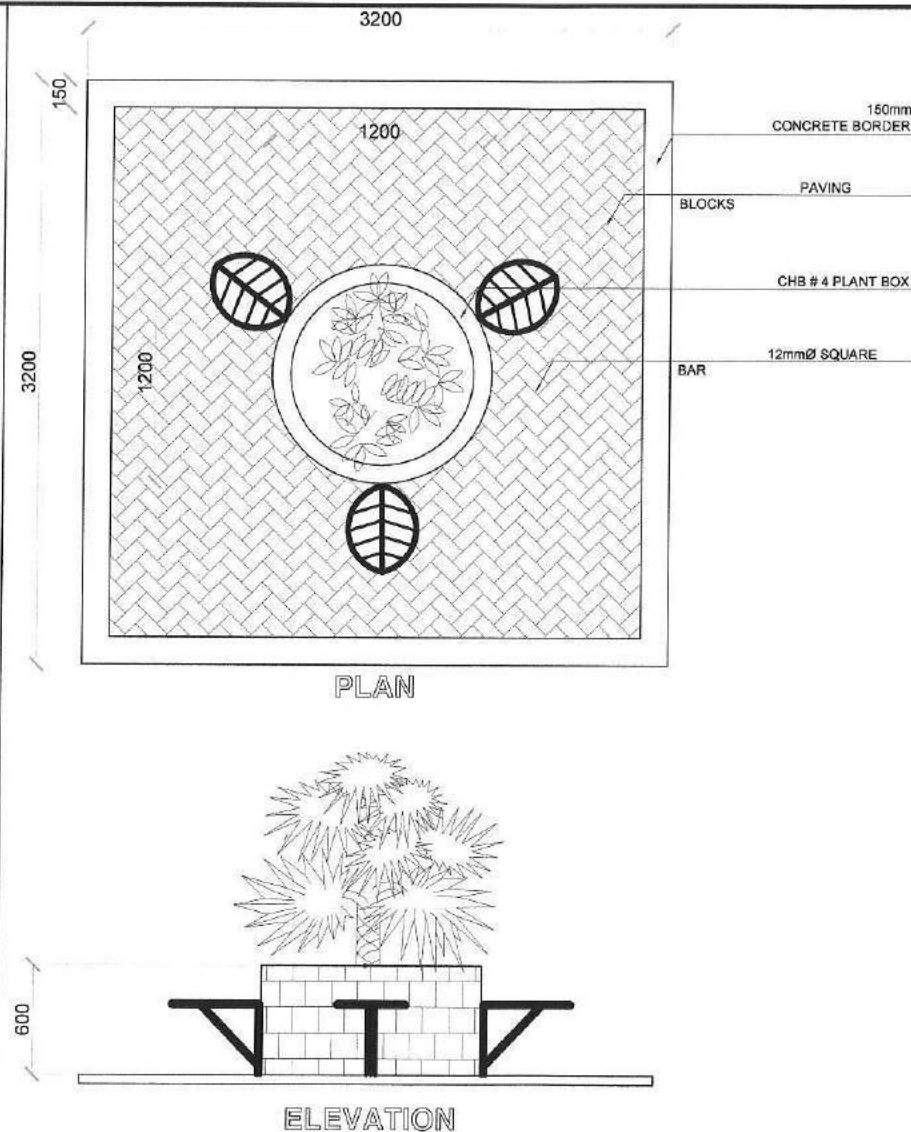
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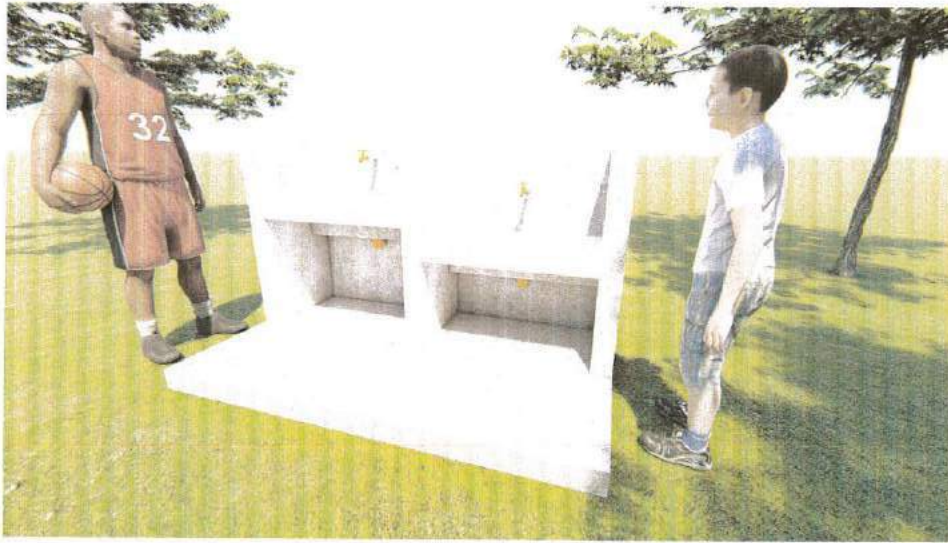
DATE: 12/9/20

CADD BY: [Signature]

DATE: 11/20/20

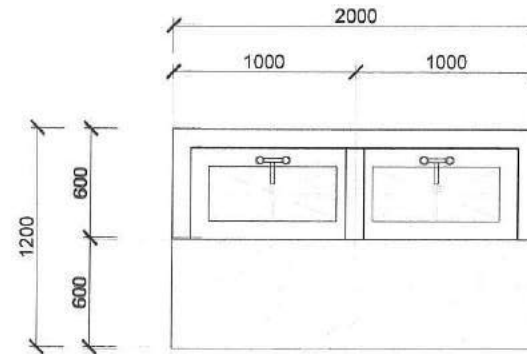
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29





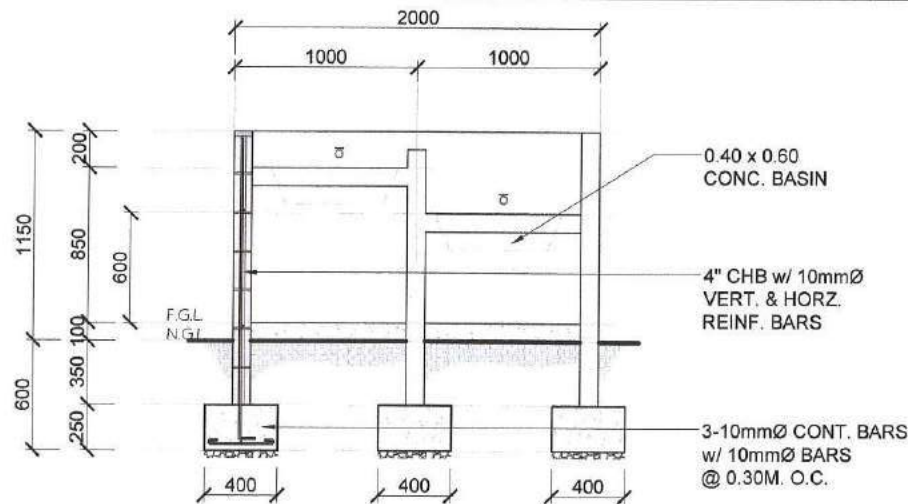
1 PERSPECTIVE

SCALE: N. T. S.



2 PLAN

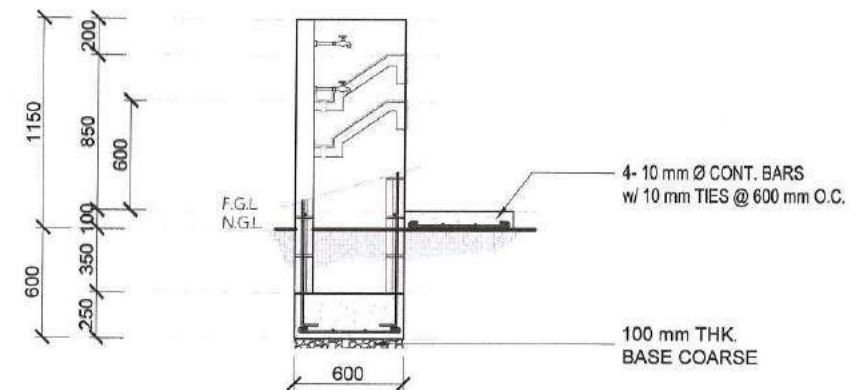
SCALE 1 : 30 MTS.



NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

3 FRONT ELEVATION / SECTION

SCALE 1 : 30 MTS.

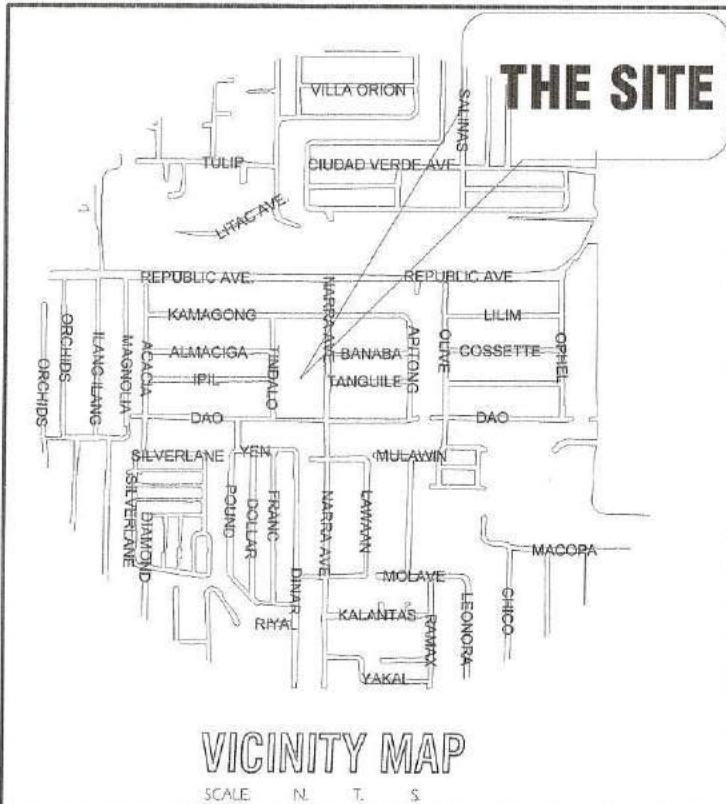


4 RIGHT SIDE ELEVATION / SECTION

SCALE 1 : 30 MTS.

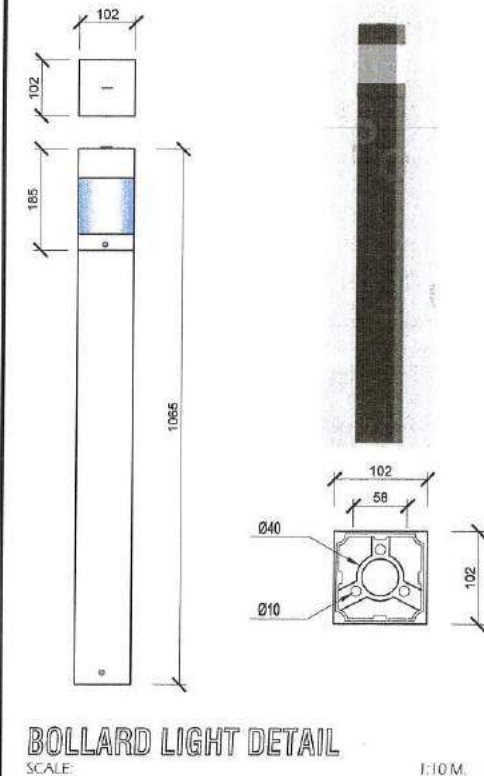
PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i> DATE: <i>12/20/20</i>	SHEET NO.:
PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TANDU, DIST. 6, QUEZON CITY	HANDWASH DETAIL	CHECKED BY: <i>[Signature]</i> DATE: <i>12/20/20</i> CADD BY: <i>[Signature]</i> DATE: 11/20/20	10 29





## GENERAL NOTES

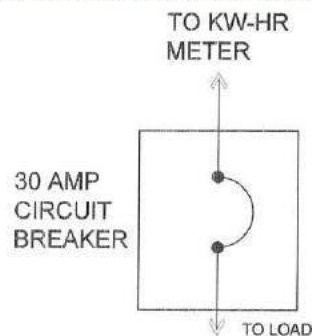
- 1) ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE EXISTING LOCAL ORDINANCES AND REQUIREMENTS OF THE LOCAL POWER UTILITY AND STANDARDS.
- 2) TYPE OF POWER SERVICE SHALL BE DONE SINGLE PHASE, 3 WIRE, 230V, 60HZ.
- 3) WIRING METHOD SHALL BE DONE IN RIGID PVC CONDUIT RUN EMBEDDED IN CONCRETE SLABS, WALLS, COLUMNS, BETWEEN PARTITIONS AND INSIDE CEILING SPACES. SURFACE MOULDING WIRING MAY BE USED.
- 4) UNLESS OTHERWISE INDICATED IN THE PLAN, THE MINIMUM SIZE OF WIRE AND CONDUIT TO BE USED SHALL BE WIRED 3.5mm<sup>2</sup> IN SIZE AND 15mm Ø PVC RESPECTIVELY FOR CIRCUIT HOMERUNS.
- 5) WHEREEVER REQUIRED AND NECESSARY, PULL BOXES AND JUNCTION BOXES OF PROPER SIZES SHALL BE INSTALLED AT CONVENIENT AND IN CONSPICUOUS LOCATION ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLANS NOR MENTIONED IN THE SPECIFICATIONS.
- 6) ALL NON- CURRENT CARRYING METAL PARTS OF THE EQUIPMENT SHALL BE PROPERLY GROUNDED.
- 7) ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE.
- 8) STANDARD TYPES OF ACCESSORIES SPLICING DEVICES, TERMINATION AND OTHER APPURTENANCES FOR THE ELECTRICAL INSTALLATION SHALL BE USED.
- 9) ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A REGISTERED ELECTRICAL ENGINEER (REE) OR REGISTERED MASTER ELECTRICIAN (RME)



	BOLLARD POST
	BOARD PANEL
	GROUND
	CIRCUIT HOMERUN

## LEGEND & SYMBOLS

SCALE: N. T. S.



## DETAIL OF PANEL

SCALE: N. T. S.

## SCHEDULE OF LOAD (PARK AREA)

CIRCUIT NO.	DESCRIPTION OF LOAD	VOLT	AMP	WIRES	RACEWAYS
1	LIGHTING OUTLET 14 UNITS	230	7.0	2 # 5.5mm <sup>2</sup> THW.	15 mm PVC

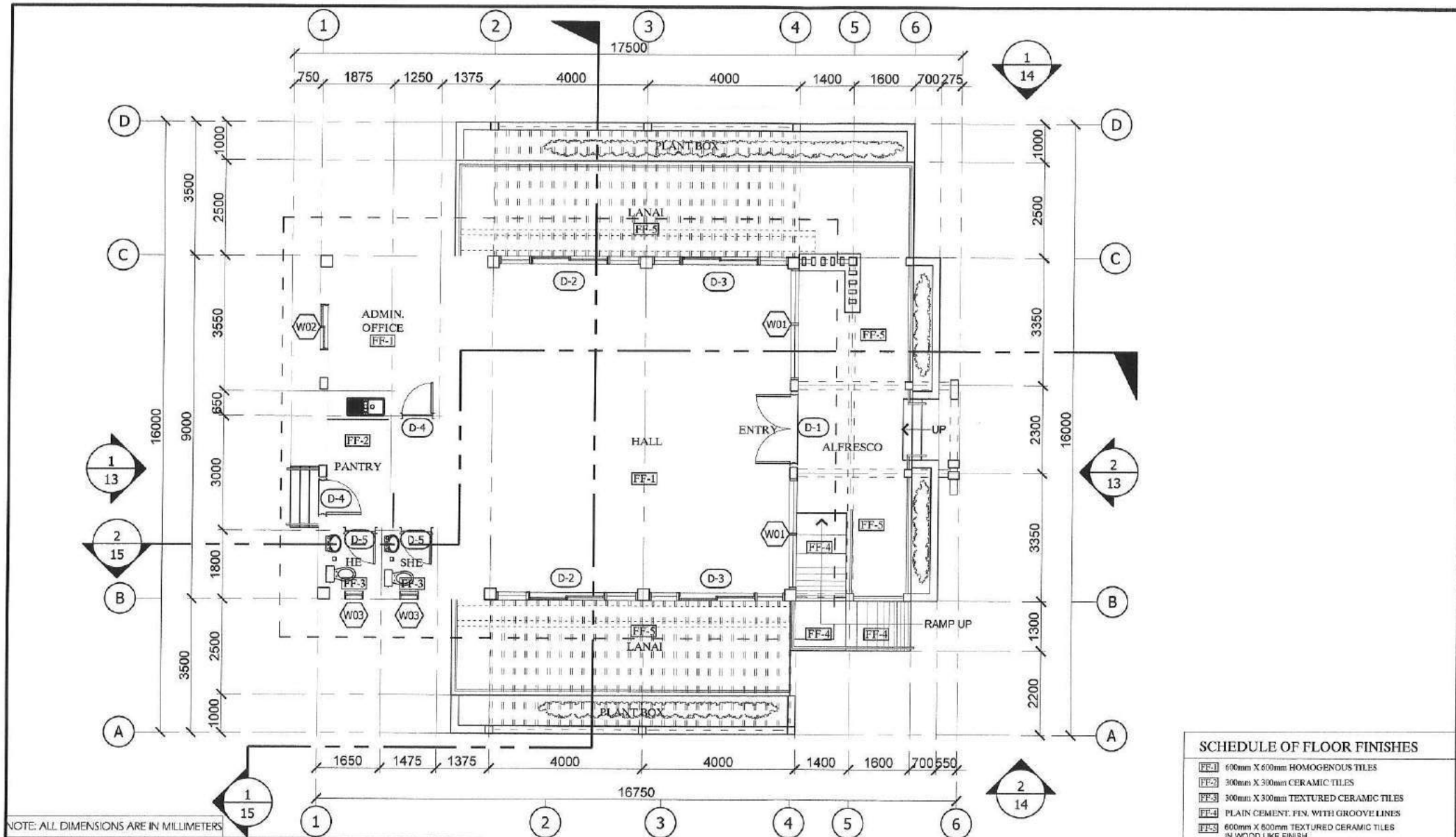
TOTAL = 7.0 AMP

$I_T = 7.0 \text{ AMP @ } 100\% \text{ D.F}$   
= 7.0 AMP

USE 2 # 5.5 mm<sup>2</sup> THW. WIRE  
IN 15 mm PVC

USE 30 AMP. C.B.  
FOR MAIN PROTECTION

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: M.S.T.	SHEET NO.:
			PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	SCHEDULE OF LOADS DETAIL OF PANEL BOLLARD DETAIL GENERAL NOTES LEGEND & SYMBOLS VICINITY MAP	DATE: 11/20/20 CHECKED BY: DATE: 11/20/20 CADD BY: DATE: 11/20/20	11 29

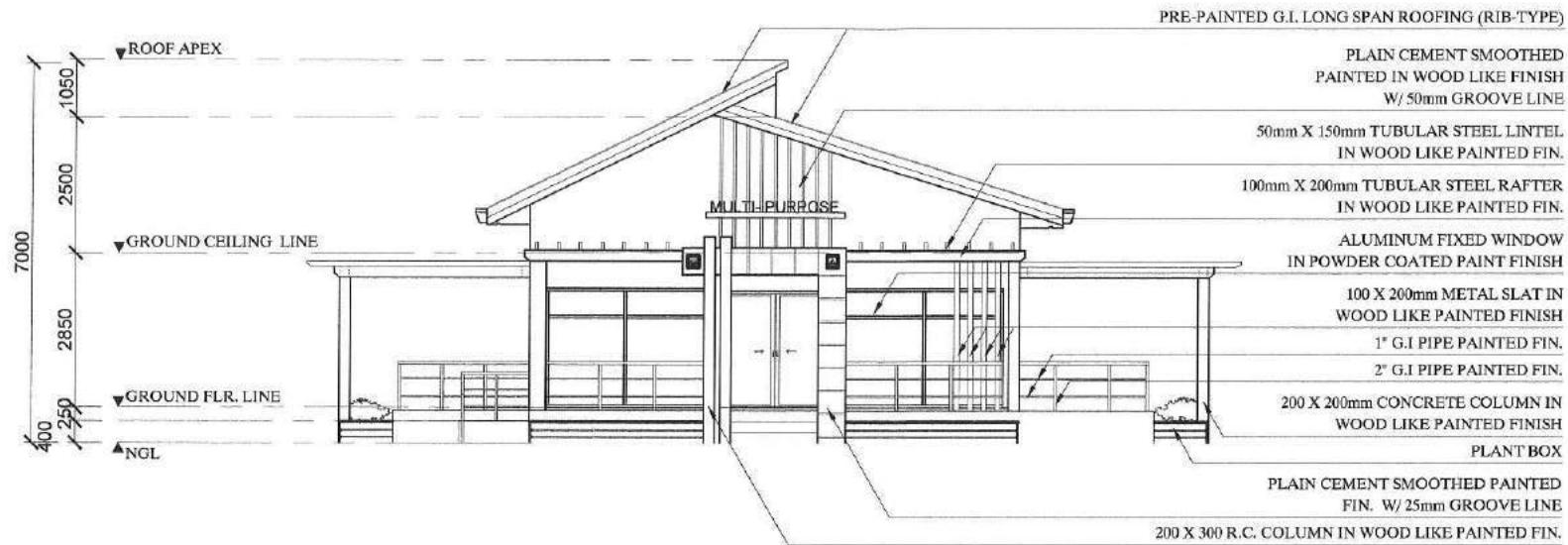


# 1 FLOOR PLAN (MULTI-PURPOSE BLDG.)

SCALE 1:100 M.

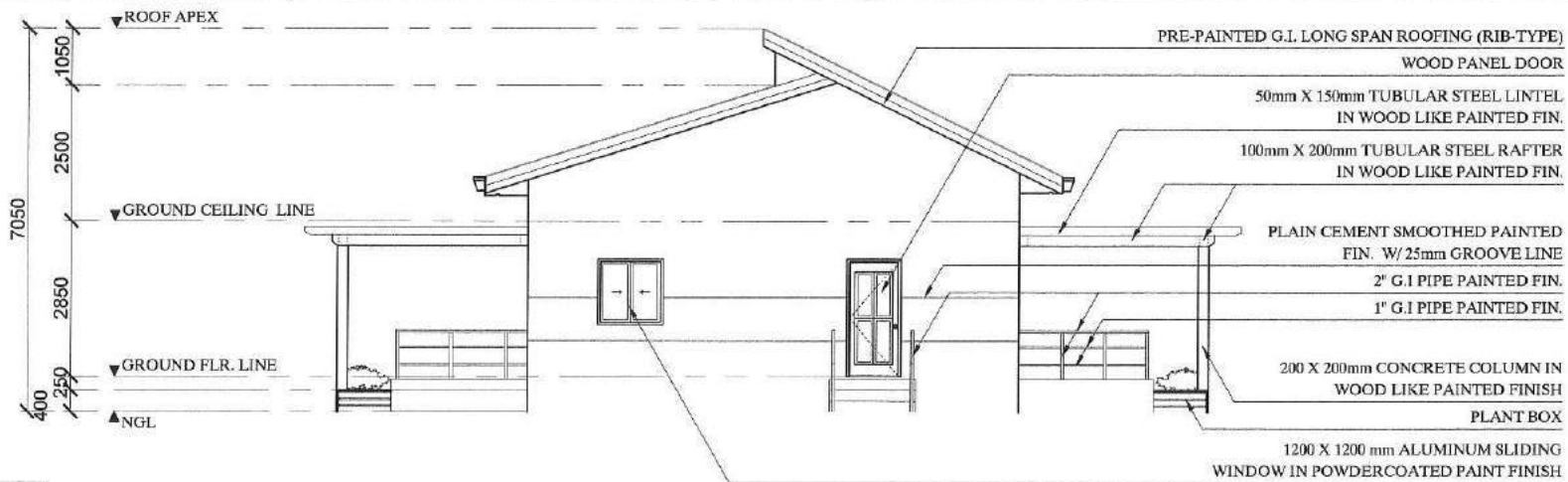
PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
<b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TANDI, DIST. 5, QUEZON CITY	MULTI-PURPOSE BLDG. FLOOR PLAN	DATE: <i>11/20/20</i> CHECKED BY: <i>[Signature]</i> DATE: <i>11/20/20</i> CADD BY: <i>[Signature]</i> DATE: 11/20/20	12 29





# 1 FRONT ELEVATION (MULTI-PURPOSE BLDG.)


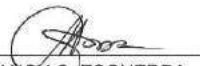

SCALE 1:100 M.

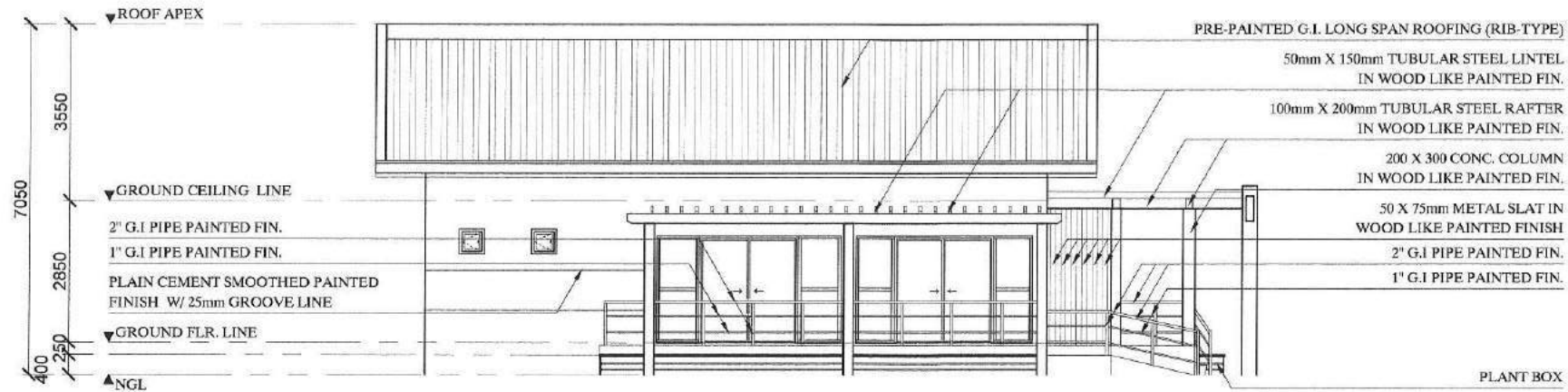


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 2 REAR ELEVATION (MULTI-PURPOSE BLDG.)

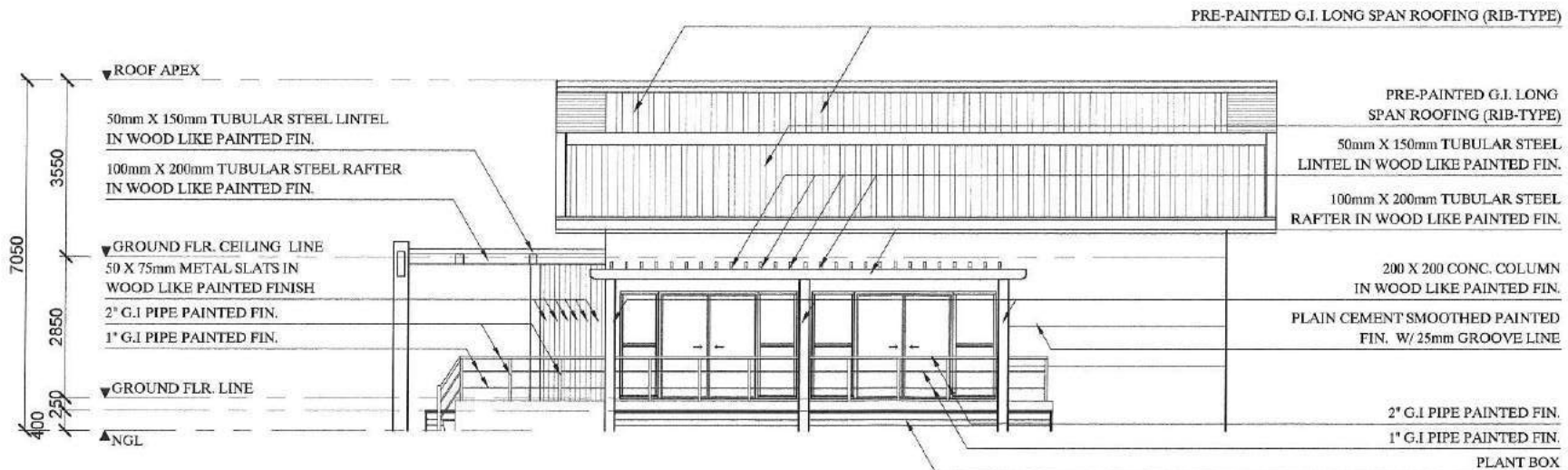
SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: M.S.T.	SHEET NO.:
 PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAPAO, DIST. 6, QUEZON CITY	(MULTI-PURPOSE BLDG.) FRONT ELEVATION REAR ELEVATION	DATE: 12/1/20 CHECKED BY: M.C.T. DATE: 12/01/20 CADD BY: M.C.T. DATE: 11/20/20	13 29



## 1 LEFT- SIDE ELEVATION (MULTI-PURPOSE BLDG.)



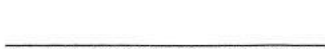
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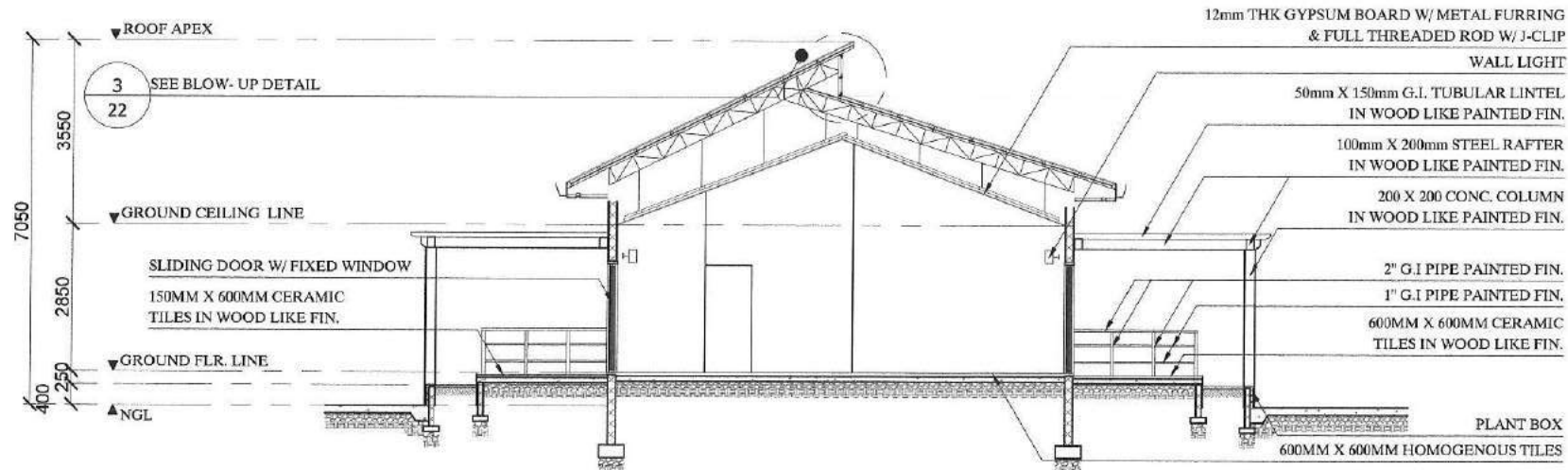


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

## 2 RIGHT- SIDE ELEVATION (MULTI-PURPOSE BLDG.)

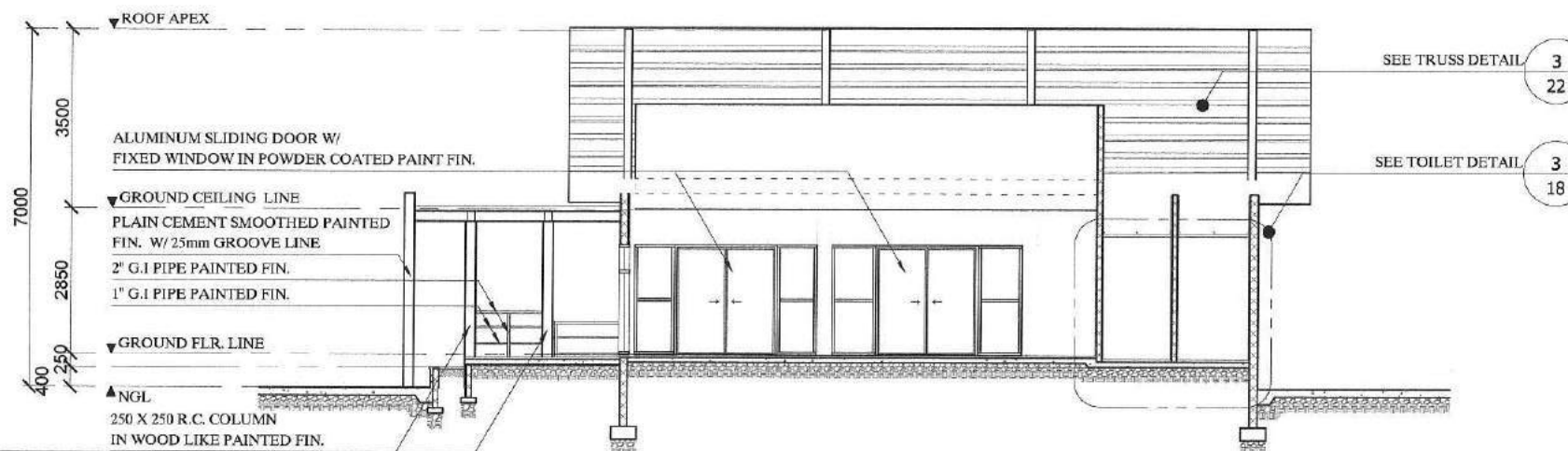
SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
 PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAMPO, DIST. 6, QUEZON CITY	(MULTI-PURPOSE BLDG LEFT- SIDE ELEV. RIGHT- SIDE ELEV.	DATE: 12/1/20 CHECKED BY: <i>[Signature]</i> DATE: 12/1/20 CADD BY: <i>[Signature]</i> DATE: 11/20/20	14 29



## 1 CROSS- SECTION (MULTI-PURPOSE BLDG.)

SCALE 1:100 M.

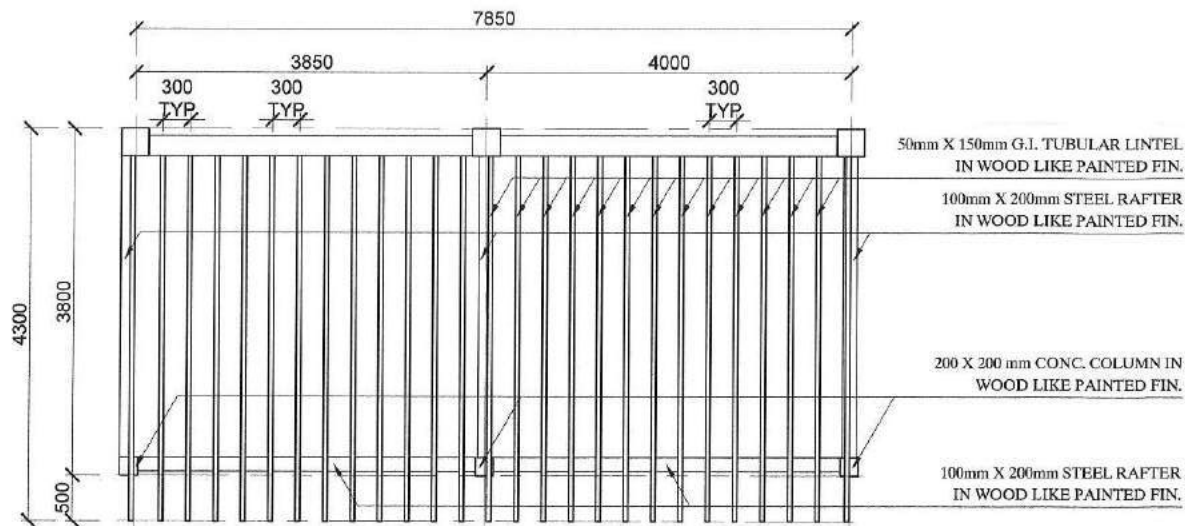


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

## 2 LONGITUDINAL- SECTION (MULTI-PURPOSE BLDG.)

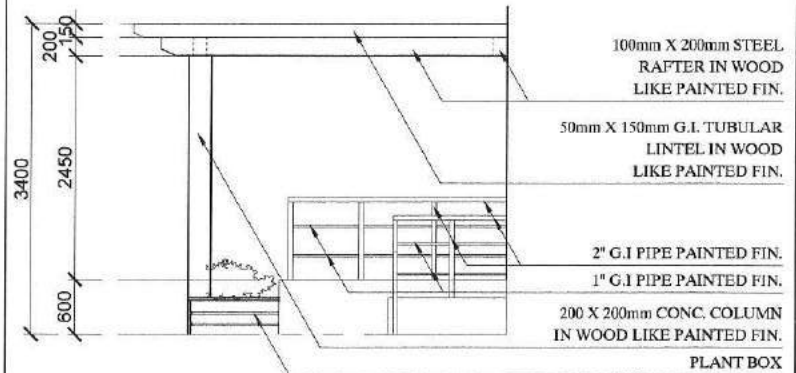
SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: M.S.T.	SHEET NO.:
	Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD II	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	MULTI-PURPOSE BLDG. CROSS- SECTION LONGITUDINAL SECTION	DATE: 12/12/20 CHECKED BY: [Signature] DATE: 12/12/20 CADD BY: [Signature] DATE: 11/20/20	15 29



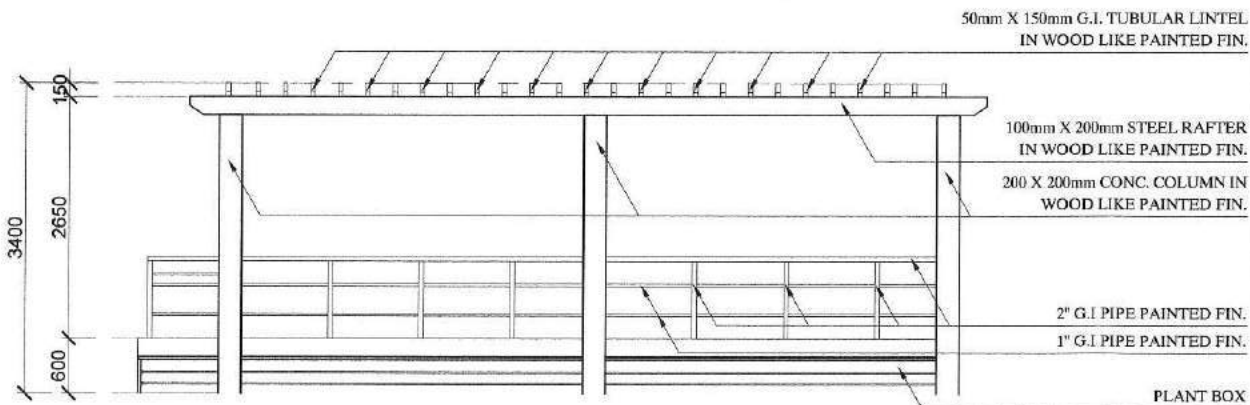
1 FLOOR PLAN (TRELLIS TYPE 1)

SCALE 1:60 M.



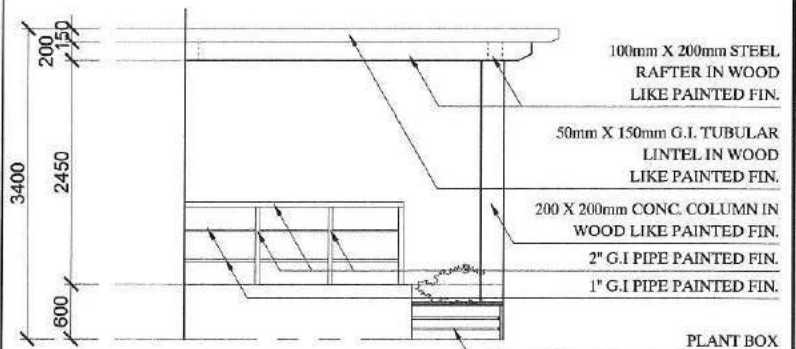
3 LEFT-SIDE ELEVATION

SCALE 1:60 M.



2 FRONT ELEVATION

SCALE 1:60 M.



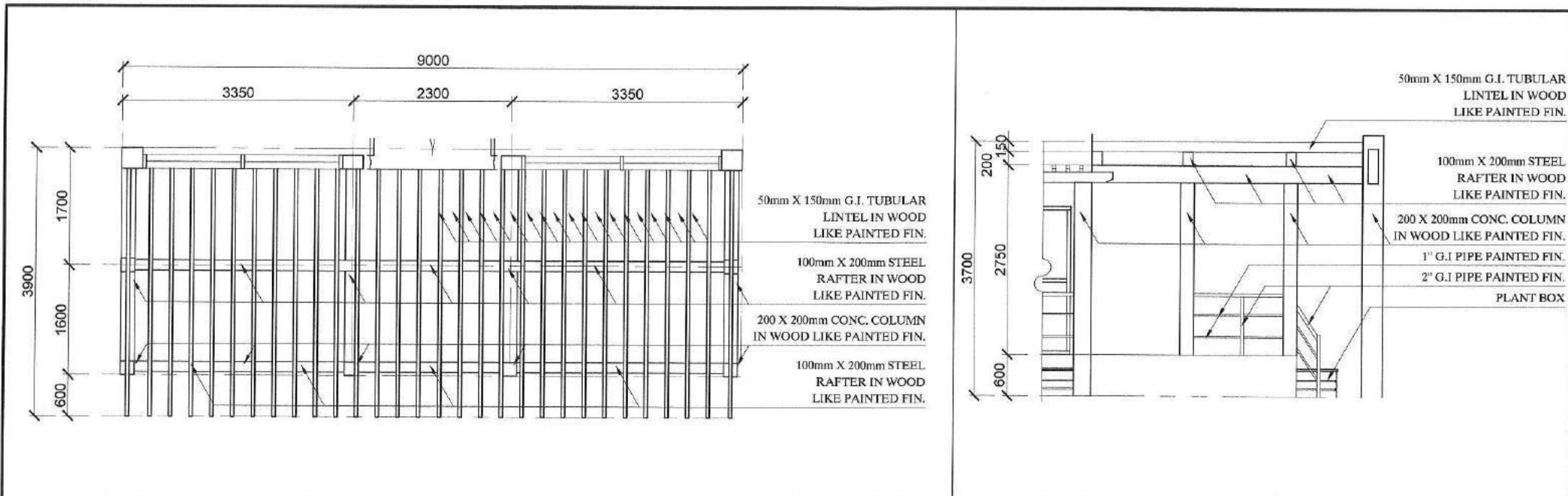
4 RIGHT-SIDE ELEVATION

SCALE 1:60 M.

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
	 Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION - BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	TRELLIS DETAIL-TYPE 1 (MULTI-PURPOSE BLDG.)	NOTED BY: DATE: 12/12/20 CHECKED BY: DATE: 12/12/20 CADD BY: DATE: 11/20/20	16 29



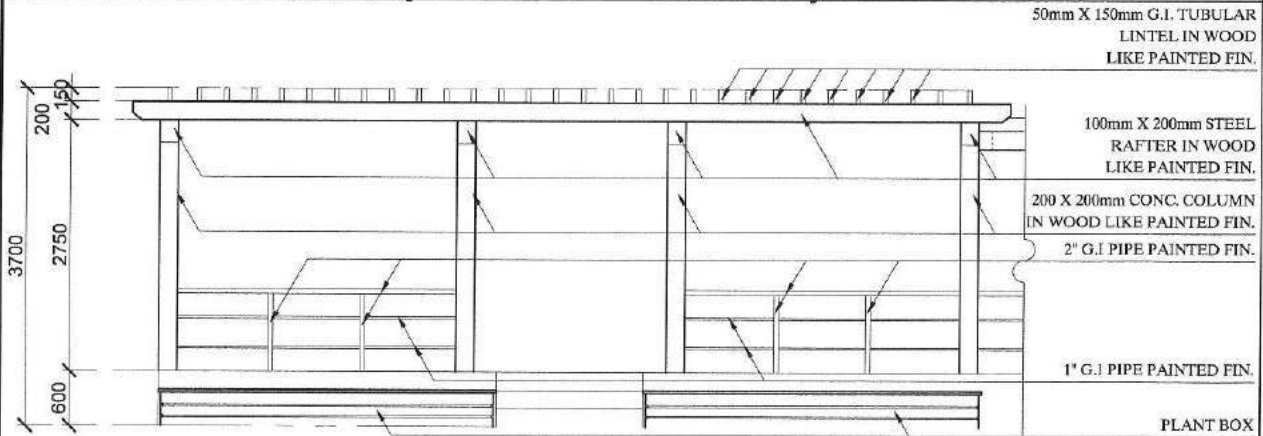


1 FLOOR PLAN (TRELLIS TYPE 2)

SCALE 1:60 M.

3 LEFT-SIDE ELEVATION

SCALE 1:60 M.



NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

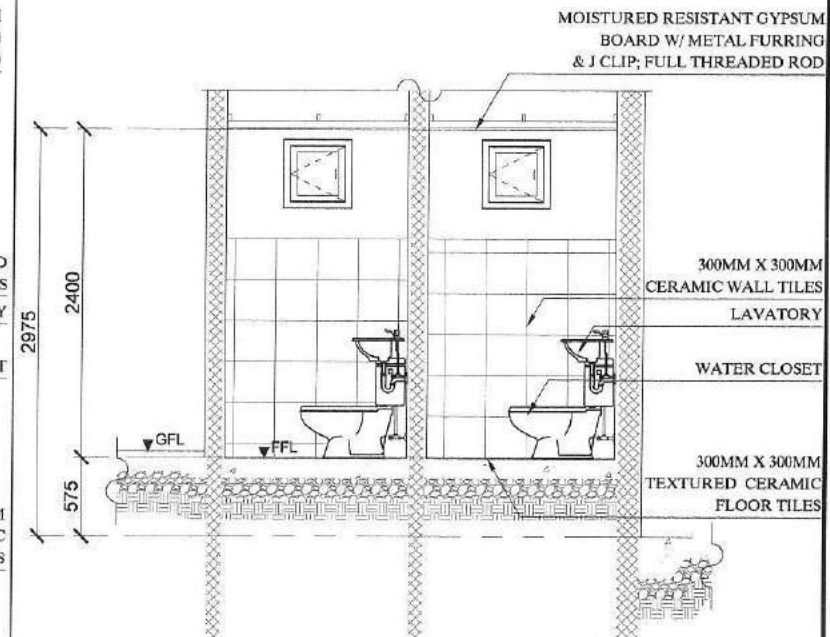
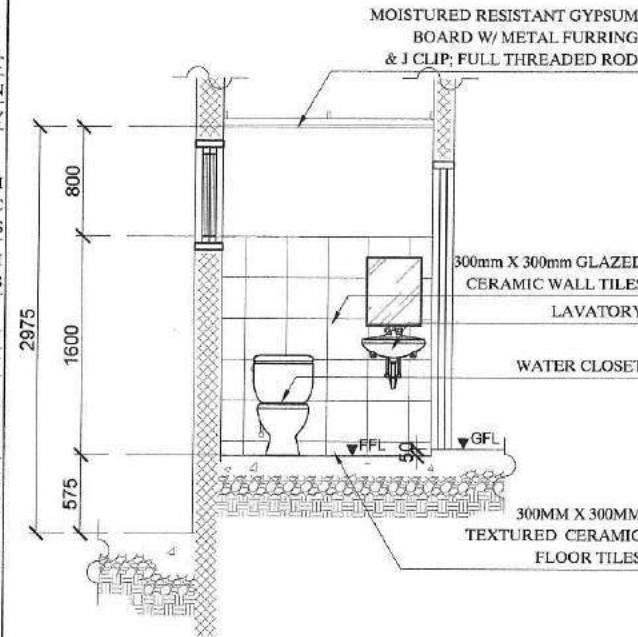
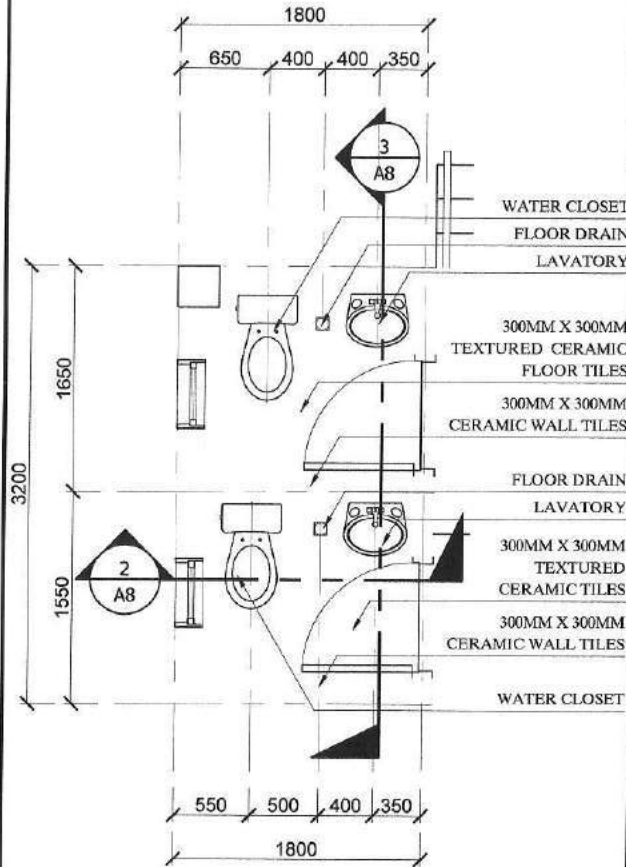
2 FRONT ELEVATION

SCALE 1:60 M.

4 RIGHT-SIDE ELEVATION

SCALE 1:60 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:	
<p><b>PARKS</b> DEVELOPMENT &amp; ADMINISTRATION DEPARTMENT</p>	 <p>Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III</p>	<p>Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY</p>	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	TRELLIS DETAIL-TYPE 2 (MULTI-PURPOSE BLDG.)	DATE: 12/17/20	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> 17 29 </div>	
			LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY		CHECKED BY: <i>[Signature]</i>		DATE: 12/19/20
					CADD BY: <i>[Signature]</i>		DATE: 11/20/20



# TOILET DETAIL 1 FLOOR PLAN

SCALE 1:40 M.




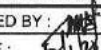
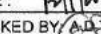
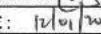
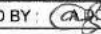

# 2 CROSS-SECTION

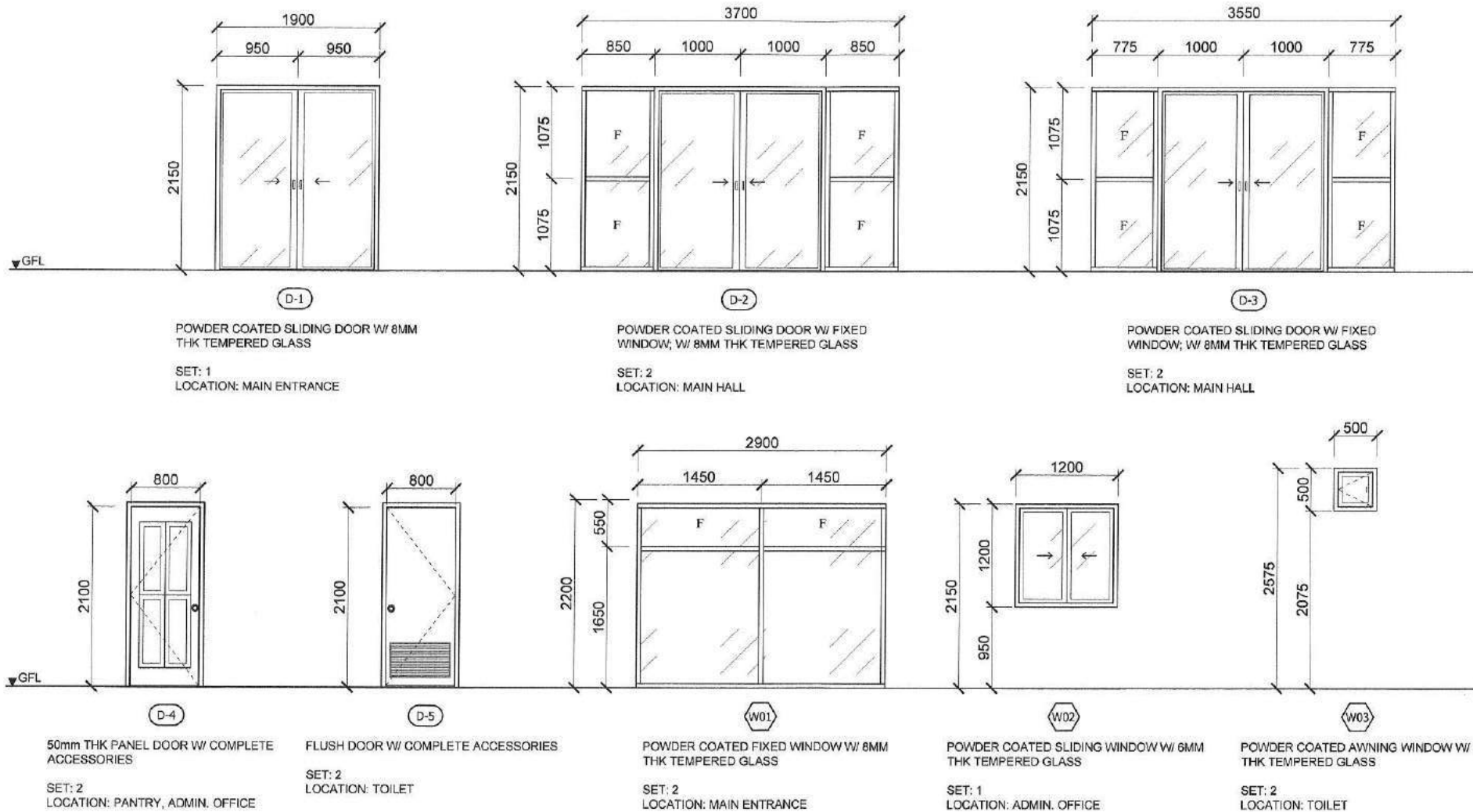
SCALE 1:40 M.

# 3 LONGITUDINAL-SECTION

SCALE 1:40 M.

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAMD, DIST. 6, QUEZON CITY	TOILET DETAIL (MULTI-PURPOSE BLDG.)	NOTED BY:  DATE:  CHECKED BY:  DATE: 12/01/20 CADD BY:  DATE: 11/20/20	

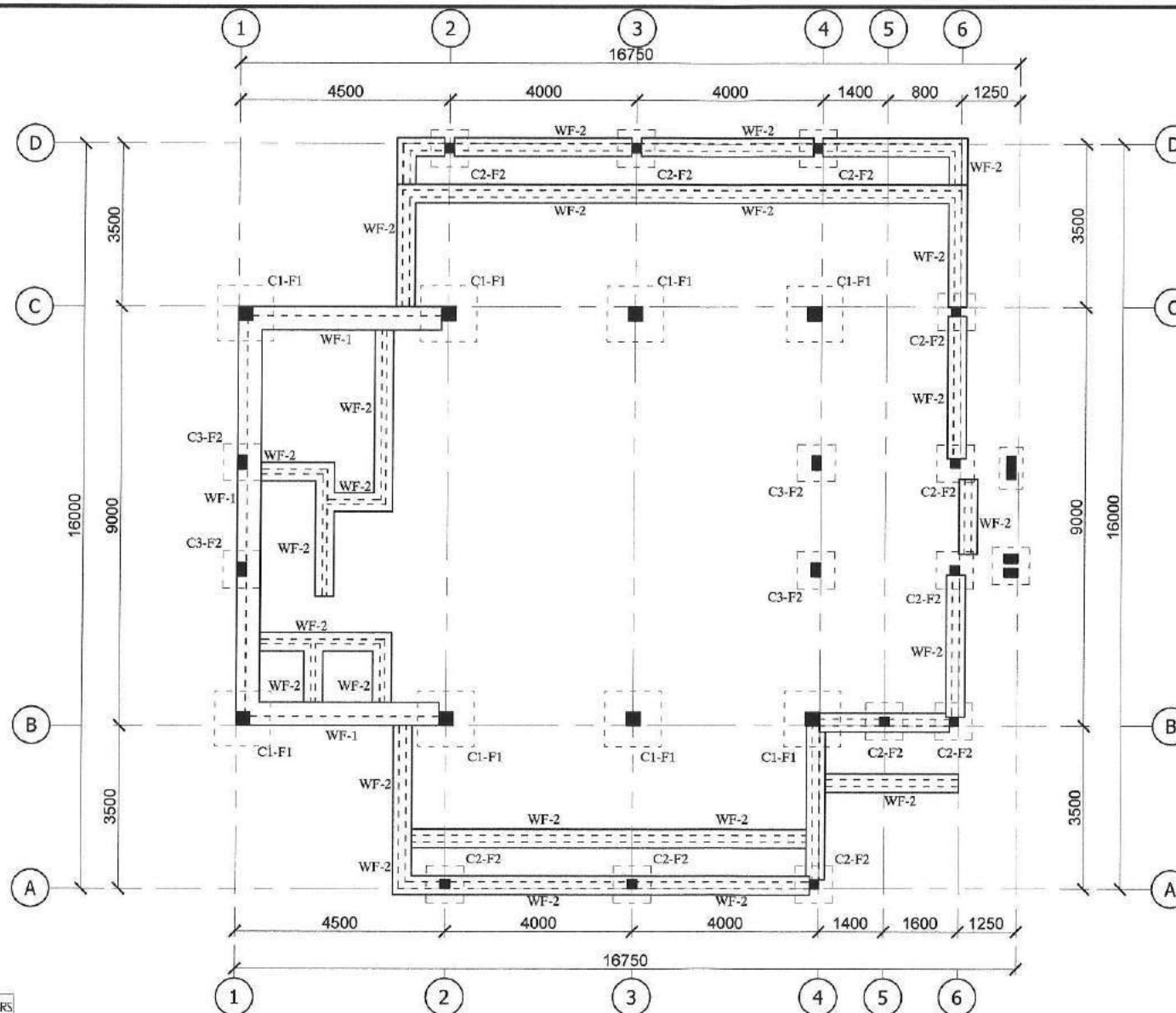


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 1 DOORS & WINDOWS SCHEDULE

SCALE 1:50 M.




PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
<b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOV'T. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	<b>DOORS &amp; WINDOWS SCHEDULE (MULTI-PURPOSE BLDG.)</b>	NOTED BY: DATE: CHECKED BY: DATE: CADD BY: DATE: 11/20/20	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> 19 29 </div>



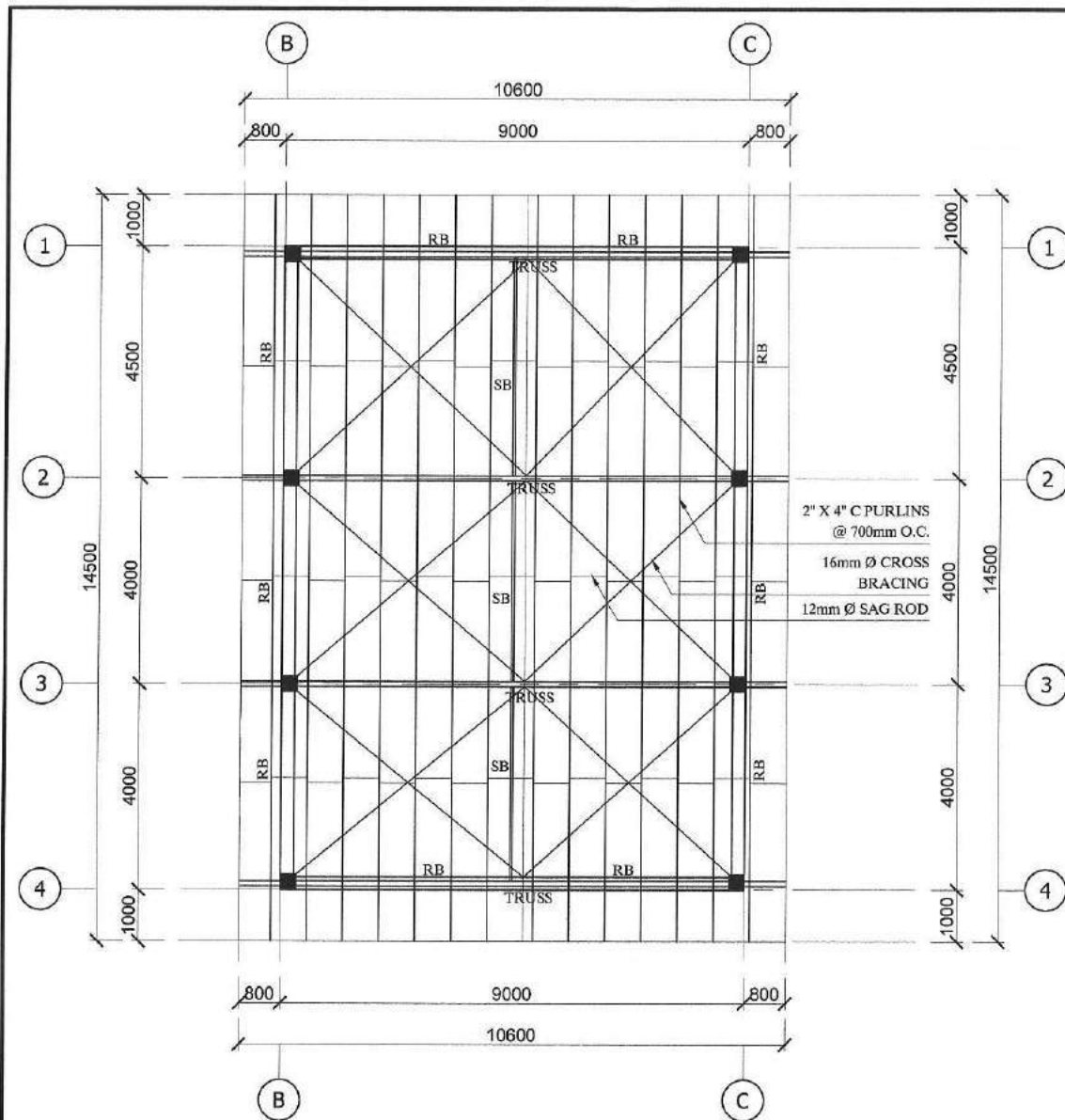
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 1 FOUNDATION PLAN

SCALE 1:100 M.

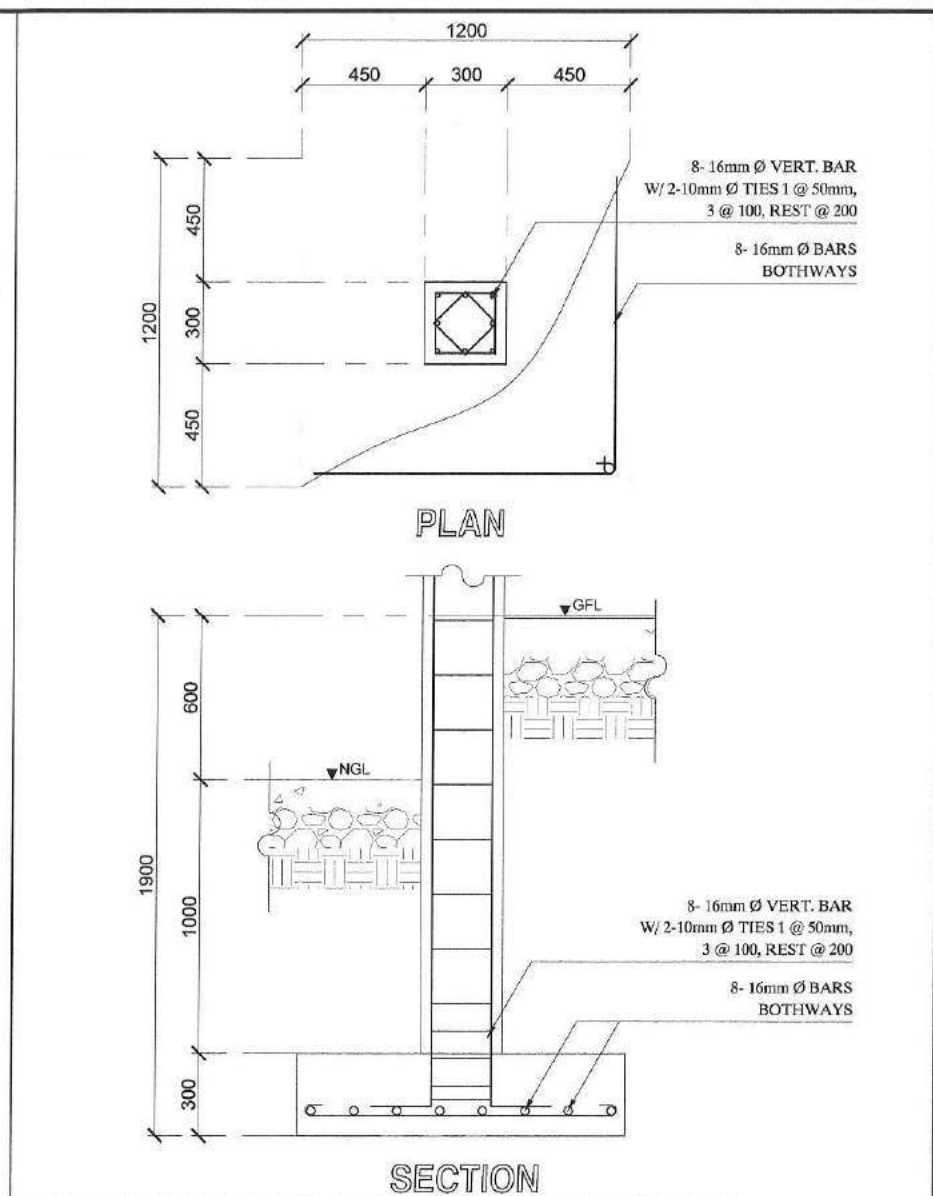
PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION: BRGY. PASONG TAMO, DIST. 5, QUEZON CITY	<b>FOUNDATION PLAN (MULTI-PURPOSE BLDG.)</b>	DATE: <i>11/20/20</i> CHECKED BY: <i>[Signature]</i> DATE: <i>12/01/20</i> CADD BY: <i>[Signature]</i> DATE: <i>11/20/20</i>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 20 29 </div>





1 ROOF FRAMING PLAN

SCALE 1:100 M.



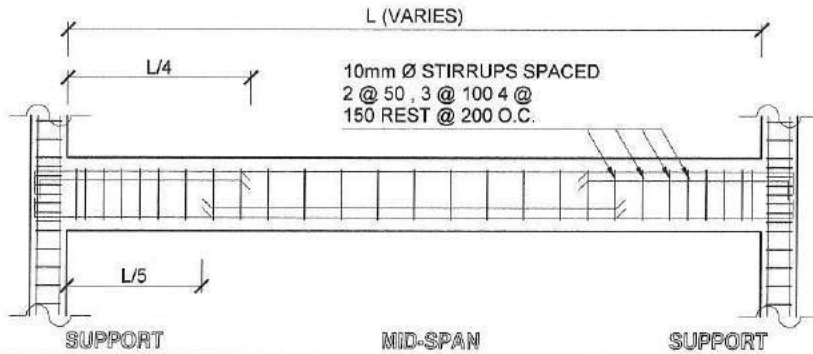
2 TYP. COLUMN & FOOTING DETAIL

SCALE 1:20 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
			PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	ROOF FRAMING PLAN COLUMN & FOOTING DETAIL (MULTI-PURPOSE BLDG.)	DATE: <i>[Date]</i> CHECKED BY: <i>[Signature]</i> DATE: <i>[Date]</i> CADD BY: <i>[Signature]</i> DATE: 11/20/20	21 29
	Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY			

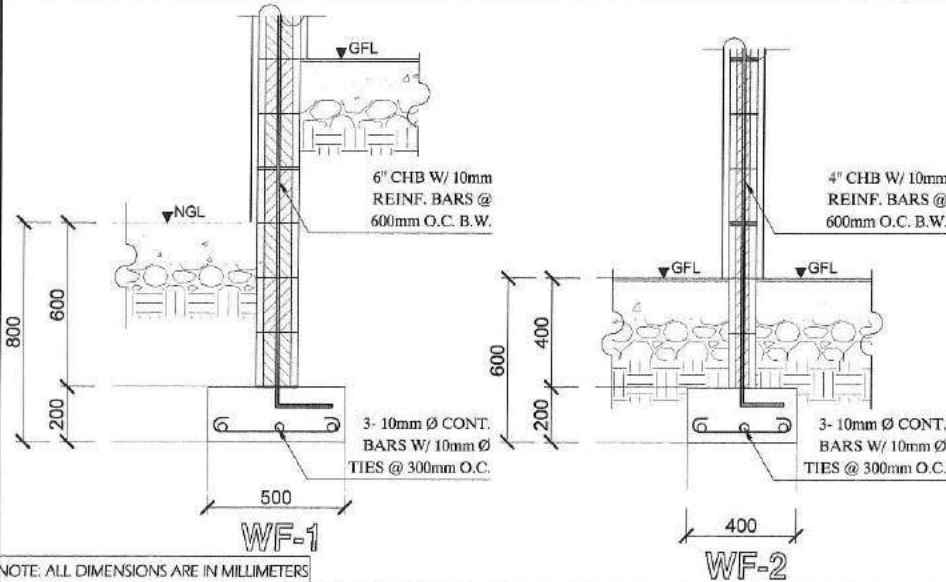
# BEAM SCHEDULE

BEAM MARK	SIZE, (mm)	STEEL REINFORCEMENT, mm		STIRRUPS
		SUPPORT	MID-SPAN	
RB	200 X 350	4 - 16 Ø 2 - 16 Ø	2 - 16 Ø 4 - 16 Ø	2 @ 50, 6 @ 100 REST @ 150mm O.C.



1 BEAM DETAIL

SCALE 1:20 M.

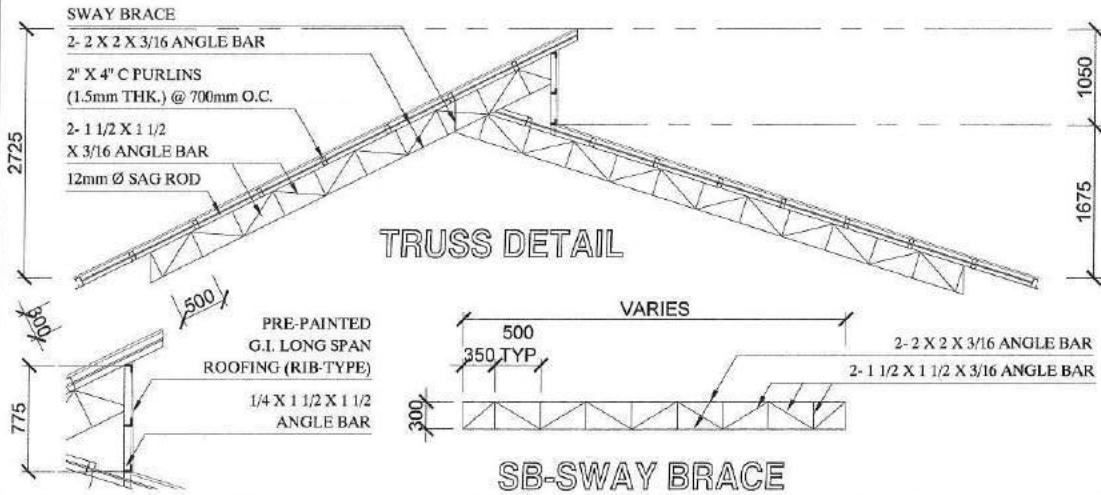


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

2 WALL FOOTING DETAIL

SCALE 1:30 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY



3 TRUSS DETAIL

SCALE 1:60 M.

## SCHEDULE OF COLUMN

COLUMN MARK	COLUMN SECTION, (mm)	LATERAL TIES (mm)
C1	300 300 6-16mm Ø	2-10mm Ø SPACED 2 @ 50, 6 @ 100 REST @ 150mm O.C.
C2	200 200 4-16mm Ø	2-10mm Ø SPACED 2 @ 50, 6 @ 100 REST @ 150mm O.C.
C3	300 200 4-16mm Ø	2-10mm Ø SPACED 2 @ 50, 6 @ 100 REST @ 150mm O.C.

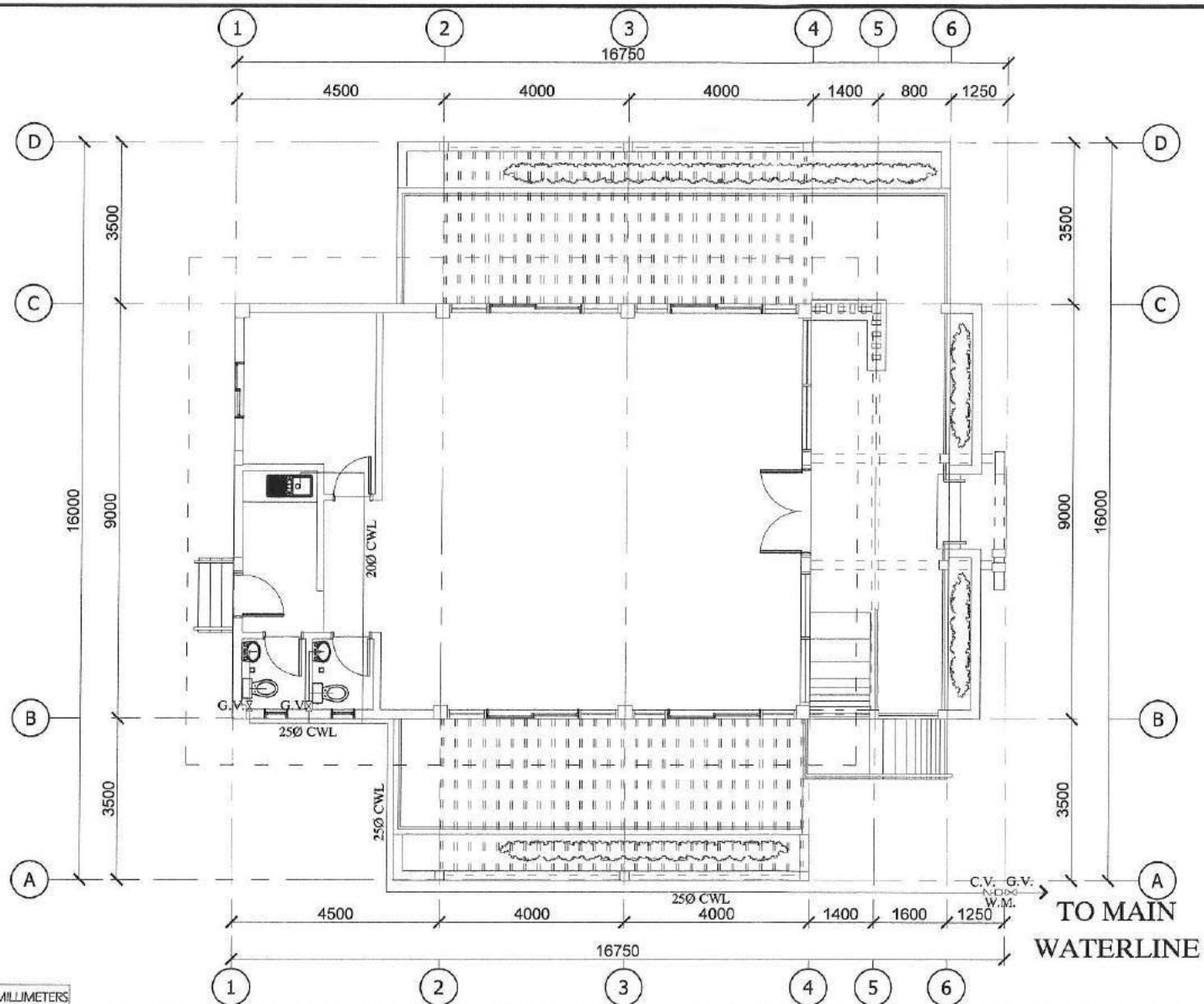
## SCHEDULE OF FOOTING

FOOTING MARK	SIZE BXH (mm)	DEPTH D (mm)	THICKNESS T(mm)	REINFORCEMENT		REMARKS
				a	b	
F1	1200 X 1200	1300	300	8-16 Ø	8-16 Ø	SQUARE
F2	800 X 800	1300	250	4-16 Ø	4-16 Ø	SQUARE

4 SCHEDULE OF COLUMN & FOOTING

SCALE NTS

PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	WALL FOOTING DETAIL BEAM DETAIL TRUSS DETAIL TIE BEAM DETAIL		
LOCATION: BRGY. PASONG TAMPO, DIST. 6, QUEZON CITY		DATE: 11/20/20	22 29

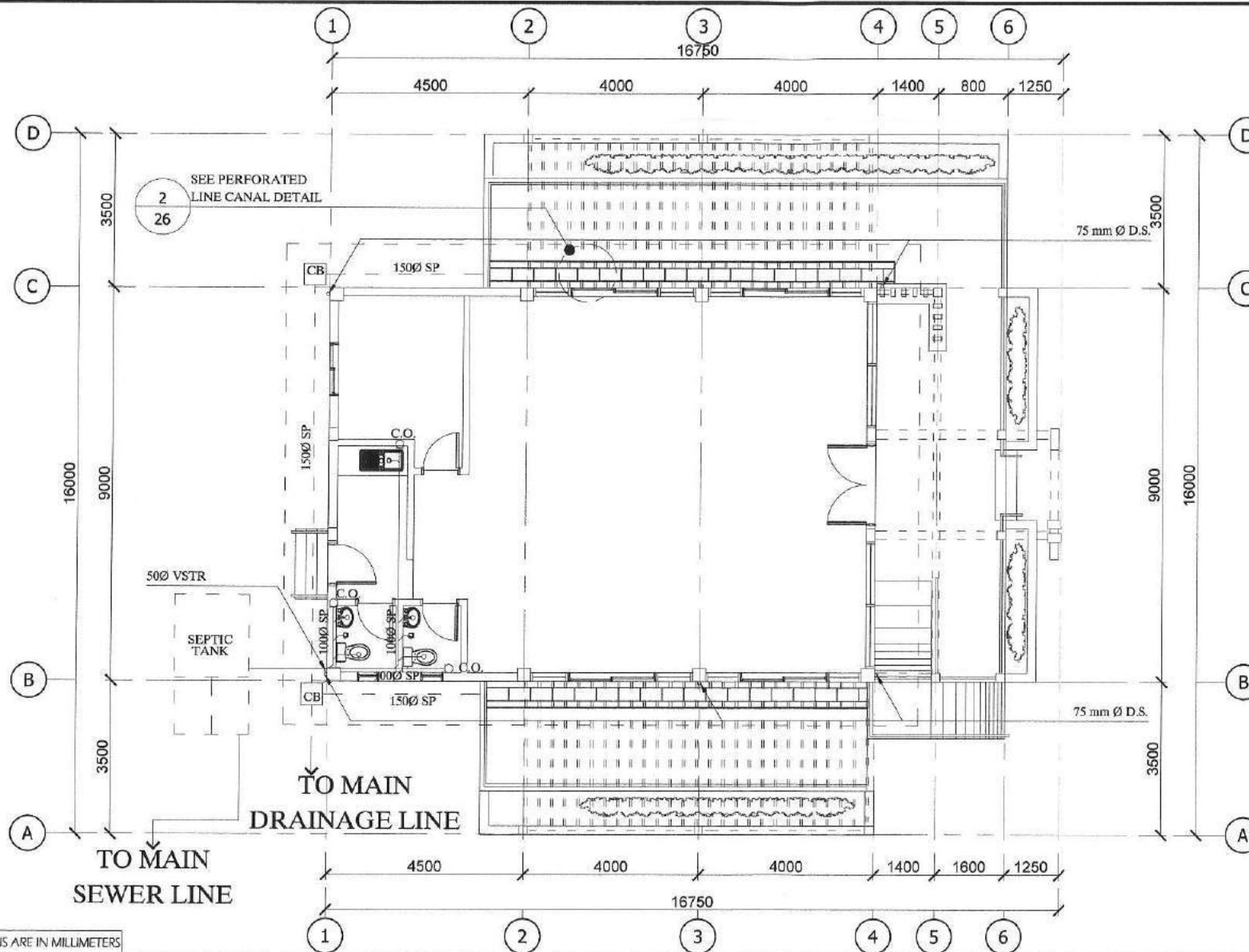


NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 1 WATERLINE LAYOUT

SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: S.T.	SHEET NO.:
PARKS DEVELOPMENT & ADMINISTRATION DEPARTMENT	Arch. NANCY C. ESGUERRA CITY GOV'T. DEPARTMENT HEAD II	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	WATERLINE LAYOUT	DATE: 11/20/20 CHECKED BY: A.D.T. DATE: 11/20/20 CADD BY: A.D.F. DATE: 11/20/20	23 29



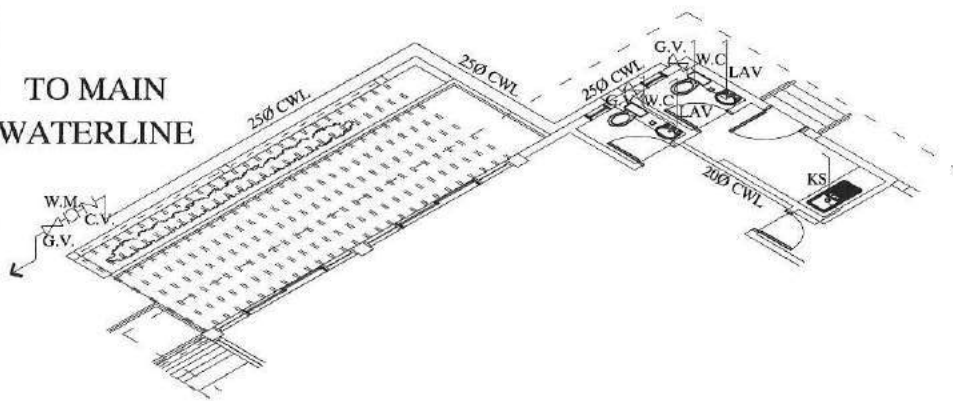
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

# 1 SEWAGE & STORM DRAINAGE LAYOUT

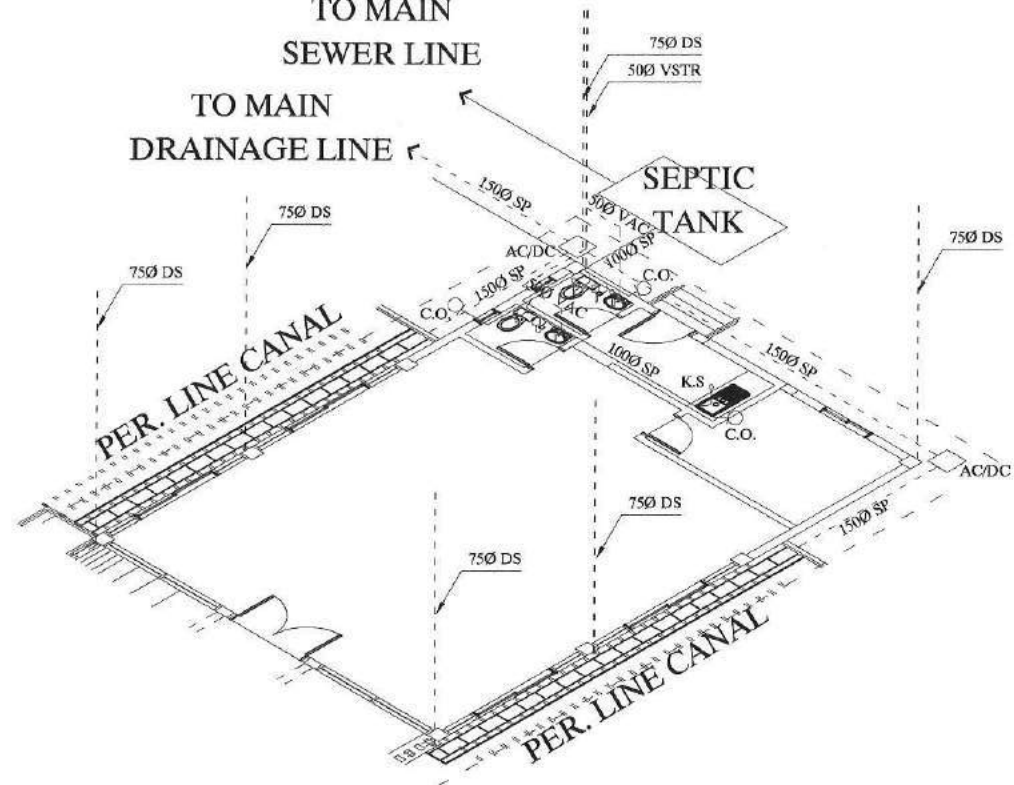
SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
<b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY G. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> LOCATION : BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	<b>SEWAGE &amp; STORM DRAINAGE LAYOUT</b>	DATE: <i>11/20/20</i> CHECKED BY: <i>[Signature]</i> DATE: <i>11/01/20</i> CADD BY: <i>[Signature]</i> DATE: 11/20/20	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> 24 29 </div>

TO MAIN  
WATERLINE



TO MAIN  
SEWER LINE  
TO MAIN  
DRAINAGE LINE



# 1 ISOMETRIC OF WATERLINE

SCALE 1:100 M.

# 2 ISOMETRIC OF SEWAGE & STORM DRAINAGE

SCALE 1:100 M.

PREPARED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENT:

NOTED BY: S.T.

SHEET NO.:



**PARKS  
DEVELOPMENT &  
ADMINISTRATION  
DEPARTMENT**

*[Signature]*  
Arch. NANCY G. ESGUERRA  
CITY GOVT. DEPARTMENT HEAD III

Hon. MA. JOSEFINA G. BELMONTE  
CITY MAYOR  
QUEZON CITY

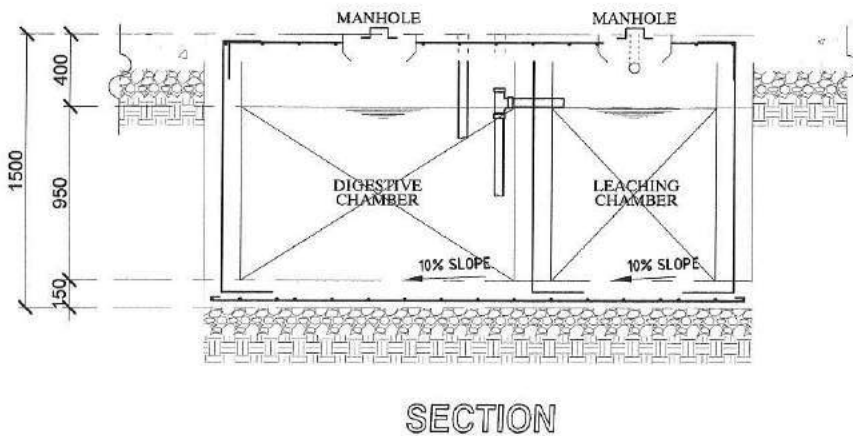
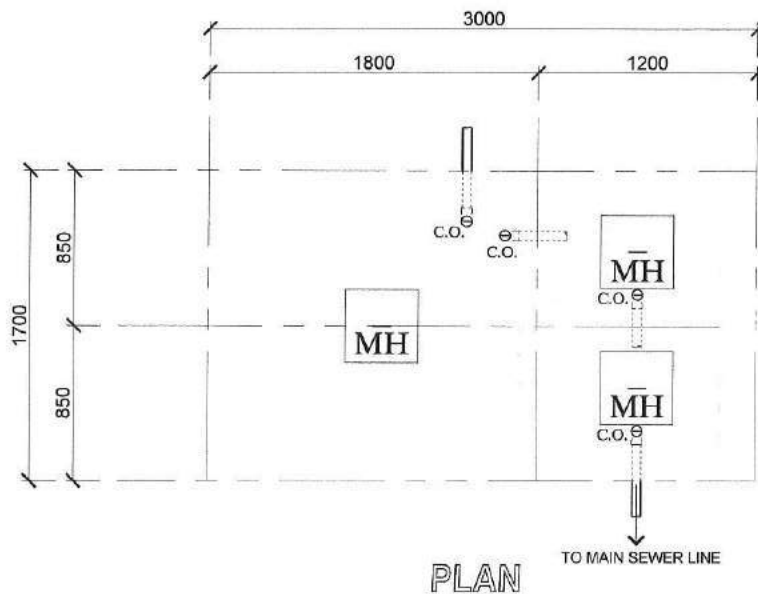
PROPOSED IMPROVEMENT OF  
MAPAYAPA III PARK AT  
NARRA AVE. MAPAYAPA III SUBDIVISION  
LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY

ISOMETRIC  
OF WATERLINE  
ISOMETRIC OF SEWAGE  
& STORM DRAINAGE

DATE: *[Signature]*  
CHECKED BY: *[Signature]*  
DATE: 12/01/20  
CADD BY: *[Signature]*  
DATE: 11/20/20

25  
29

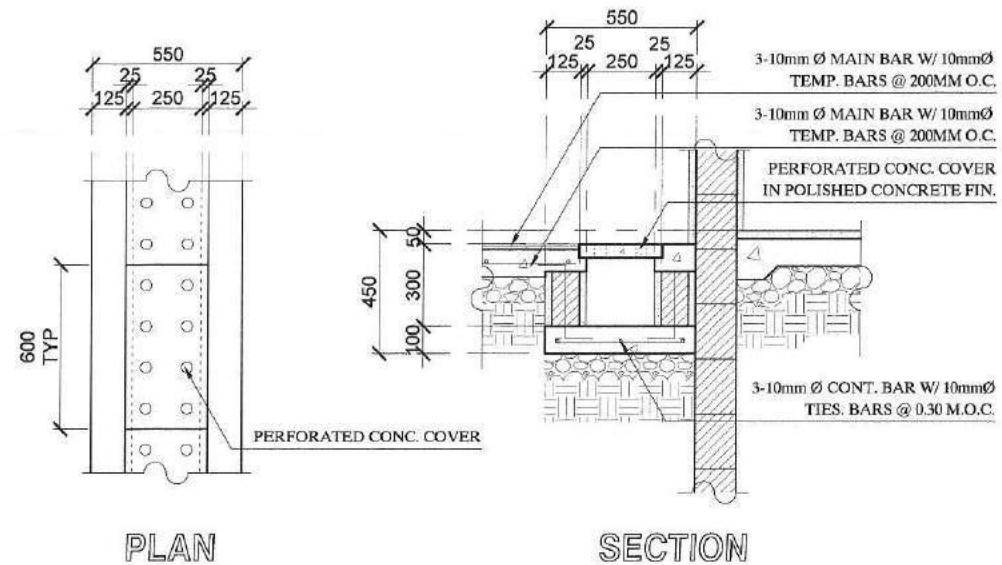




NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

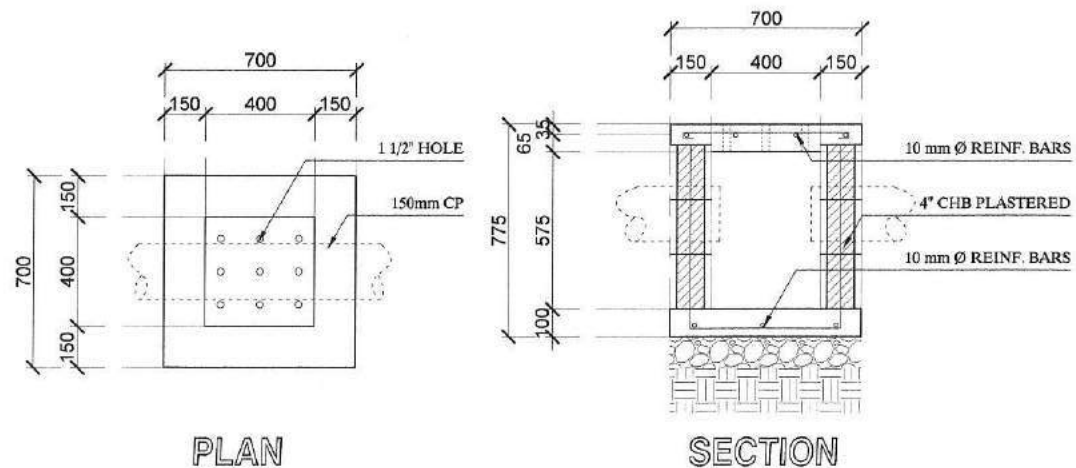
## 1 SEPTIC TANK DETAIL

SCALE 1:30 M.



## 2 PERFORATED LINE CANAL DETAIL

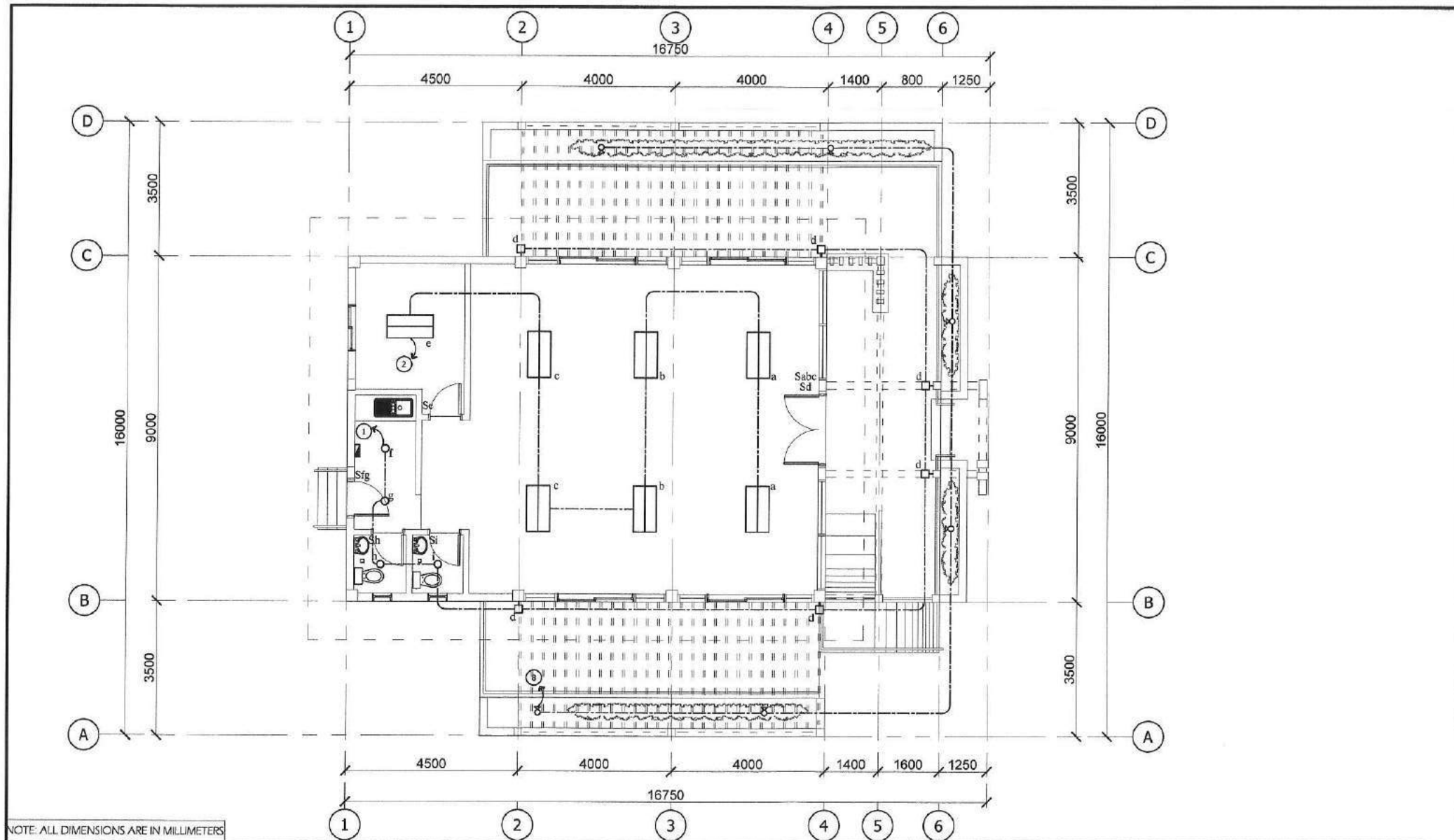
SCALE 1:30 M.



## 3 CATCH BASIN DETAIL


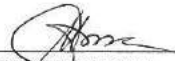
SCALE 1:30 M.

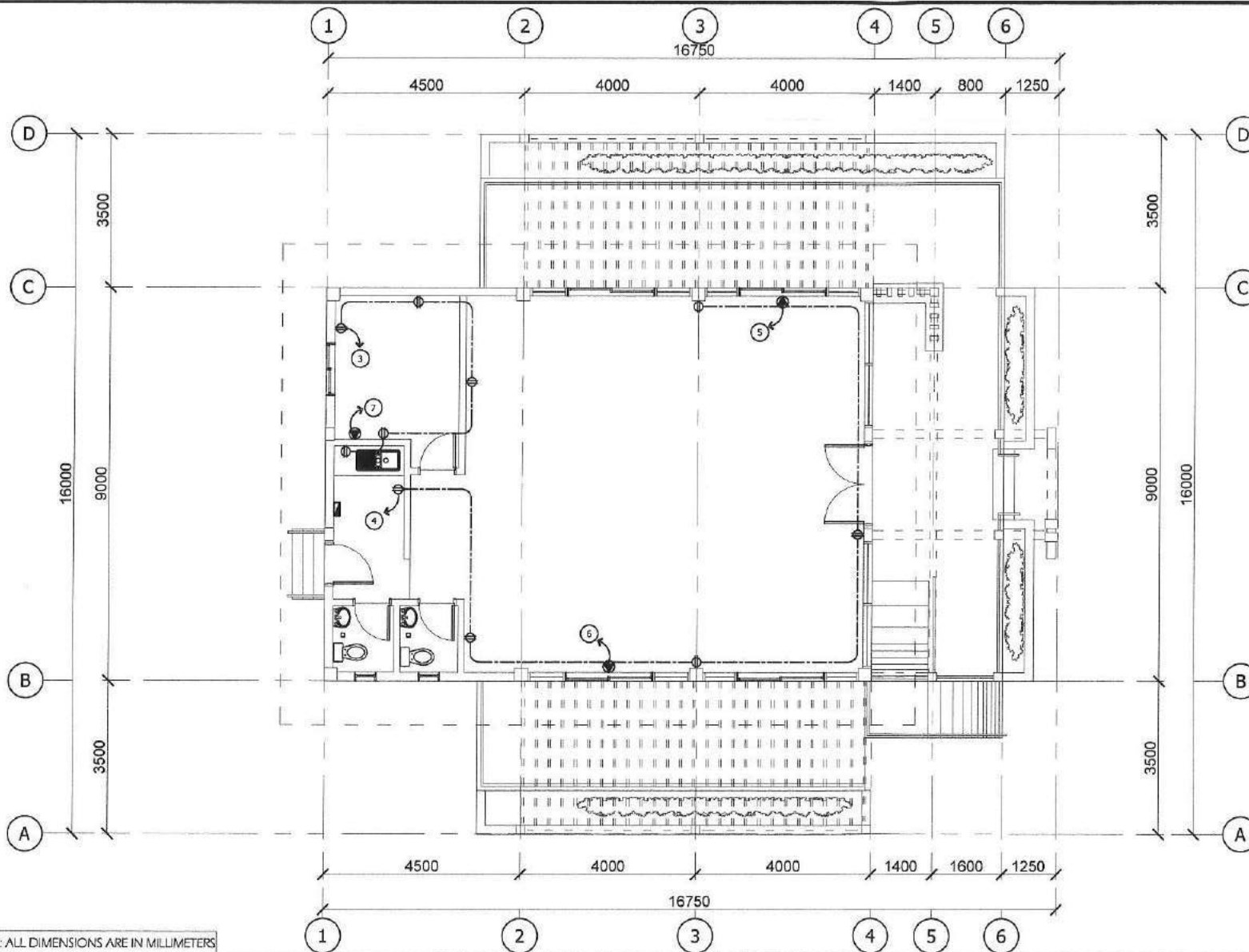
PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: M.S.T.	SHEET NO.:
	 Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	 Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY	SEPTIC TANK DETAIL PERFORATED LINE CANAL DETAIL CATCH BASIN DETAIL	DATE: 12/1/20 CHECKED BY: ADT DATE: 12/1/20 CADD BY: ADT DATE: 11/20/20	26 29



# 1 LIGHTING LAYOUT



SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i>	SHEET NO.:
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 <b>Arch. NANCY C. ESGUERRA</b> CITY GOVT. DEPARTMENT HEAD III	<b>Hon. MA. JOSEFINA G. BELMONTE</b> CITY MAYOR QUEZON CITY	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> <small>LOCATION: BRGY. PASONG TAMO, DIST. 6, QUEZON CITY</small>	<b>LIGHTING LAYOUT</b>	DATE: <i>12/1/20</i> CHECKED BY: <i>[Signature]</i> DATE: <i>12/1/20</i> CADD BY: <i>[Signature]</i> DATE: <i>11/20/20</i>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;">27 29</div> </div>



# 1 POWER LAYOUT

SCALE 1:100 M.

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY: <i>[Signature]</i> DATE: <i>12/1/20</i>	SHEET NO.:
 <b>PARKS</b> DEVELOPMENT & ADMINISTRATION DEPARTMENT	 Arch. NANCY G. ESGUERRA <small>CITY GOVT. DEPARTMENT HEAD III</small>	Hon. MA. JOSEFINA G. BELMONTE <small>CITY MAYOR QUEZON CITY</small>	<b>PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION</b> <small>LOCATION: BRGY. PASONG TANO, DIST. 6, QUEZON CITY</small>	<b>POWER LAYOUT</b>	CHECKED BY: <i>[Signature]</i> DATE: <i>12/1/20</i> CADD BY: <i>[Signature]</i> DATE: 11/20/20	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">             28 29           </div>



# LIGHTING & POWER PANEL (LPP)

FEEDER SIZE: 2 - 14 mm<sup>2</sup> THWN WIRE + 1 - 8.0 mm<sup>2</sup> THWN WIRE (G) IN 25mmØ RSC

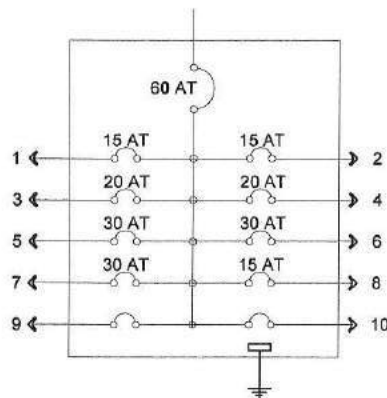
MAIN CIRCUIT BREAKER: 60 AT 230V 60Hz 2 POLE SINGLE PHASE MAIN CIRCUIT BREAKER

CKT NO.	LOAD DESCRIPTION	QTY	VOLT	AMPERE	LOAD (VA)	CIRCUIT BREAKER		SIZE OF CONDUCTOR mm <sup>2</sup> THHN + mm <sup>2</sup> THHN (G)	SIZE OF CONDUIT IN mmØ
						POLE	AT		
1	15W LED PINLIGHT + 12W LED WALL LAMP	4 + 6	230	4.35	1000	2	15	2 - 3.5	15
2	16W LED DOUBLE TROFFER LIGHT	7	230	6.09	1400	2	15	2 - 3.5	15
3	DUPLEX CONVENIENCE OUTLET	5	230	7.83	1800	2	20	2 - 3.5 + 1 - 2.0 (G)	15
4	DUPLEX CONVENIENCE OUTLET	5	230	7.83	1800	2	20	2 - 3.5 + 1 - 2.0 (G)	15
5	1.5HP SPLIT TYPE ACU	1	230	10.00	2300	2	30	2 - 5.5 + 1 - 3.5 (G)	15
6	1.5HP SPLIT TYPE ACU	1	230	10.00	2300	2	30	2 - 5.5 + 1 - 3.5 (G)	15
7	1.0HP SPLIT TYPE ACU	1	230	8.00	1840	2	30	2 - 5.5 + 1 - 3.5 (G)	15
8	15W BOLLARD LIGHT	8	230	2.81	600	2	15	2 - 3.5	15
9	SPACE	1	230						
10	SPACE	1	230						
TOTAL CONNECTED LOAD				56.70	13040	2	50		

COMPUTATION: DEMAND FACTOR = 100%  
 $I_L = (56.70 \times 100\%) + (25 \times 10) = 59.20 \text{ A}$

## 1 LOAD SCHEDULE

SCALE NTS



## 2 PANEL BOARD DETAIL

SCALE NTS

PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	NOTED BY:	SHEET NO.:
			PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVE. MAPAYAPA III SUBDIVISION	LOAD SCHEDULE PANEL BOARD DETAIL RISER DIAGRAM		29
	Arch. NANCY C. ESGUERRA CITY GOVT. DEPARTMENT HEAD III	Hon. MA. JOSEFINA G. BELMONTE CITY MAYOR QUEZON CITY	LOCATION: BRGY. PASONG TAMO, DIST. 5, QUEZON CITY		DATE: 12/20/20	29

○	LED LIGHT
□	DOUBLE TROFFER LED LIGHT
⊗	BOLLARD LIGHTING
⊕	DUPLEX CONVENIENCE OUTLET
→⊕	CIRCUIT HOMERUN
■	LIGHTING & POWER PANEL
⊙	KILOWATT-HOUR METER
⚡	SINGLE PHASE 230V SERVICE ENTRANCE
⚡	CIRCUIT BREAKER
⊥	GROUND

## 3 ELECTRICAL SYMBOLS

SCALE NTS

- 1) ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE EXISTING LOCAL ORDINANCES AND REQUIREMENTS OF THE LOCAL POWER UTILITY AND STANDARDS.
- 2) TYPE OF POWER SERVICE SHALL BE DONE SINGLE PHASE, 3 WIRE, 230V, 60HZ.
- 3) WIRING METHOD SHALL BE DONE IN RIGID PVC CONDUIT RUN EMBEDDED IN CONCRETE SLABS, WALLS, COLUMNS, BETWEEN PARTITIONS AND INSIDE CEILING SPACES. SURFACE MOULDING WIRING MAY BE USED.
- 4) UNLESS OTHERWISE INDICATED IN THE PLAN, THE MINIMUM SIZE OF WIRE AND CONDUIT TO BE USED SHALL BE WIRED 3.5mm<sup>2</sup> IN SIZE AND 15mm Ø PVC RESPECTIVELY FOR CIRCUIT HOMERUNS.
- 5) WHEREEVER REQUIRED AND NECESSARY, PULL BOXES AND JUNCTION BOXES OF PROPER SIZES SHALL BE INSTALLED AT CONVENIENT AND IN CONSPICUOUS LOCATION ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLANS NOR MENTIONED IN THE SPECIFICATIONS.
- 6) ALL NON-CURRENT CARRYING METAL PARTS OF THE EQUIPMENT SHALL BE PROPERLY GROUNDED.
- 7) ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE.
- 8) STANDARD TYPES OF ACCESSORIES SPLICING DEVICES, TERMINATION AND OTHER APPURTENANCES FOR THE ELECTRICAL INSTALLATION SHALL BE USED.
- 9) ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A REGISTERED ELECTRICAL ENGINEER (REE) OR REGISTERED MASTER ELECTRICIAN (RME)

## 4 GENERAL NOTES

SCALE NTS

## ***Section VIII. Bill of Quantities***

### **Notes on the Bill of Quantities**

#### **Objectives**

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

#### **Daywork Schedule**

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

#### **Provisional Sums**

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

### **Signature Box**

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

**PROJECT TITLE :**     **PROPOSED IMPROVEMENT OF MAPAYAPA III PARK AT NARRA AVENUE, MAPAYAPA III SUBDIVISION**

**LOCATION :**     **BARANGAY PASONG TAMO, DISTRICT 6, QUEZON CITY**

**PROJECT NO. :**     **21 - 00010**

**DURATION :**     **Two Hundred Ten (210) Calendar Days**

***BREAKDOWN OF COST***

NO.	ITEM OF WORK / DESCRIPTION	MATERIALS COST	LABOR COST	INDIRECT COST	AGGREGATE COST
1.00	General requirements				
2.00	Siteworks				
3.00	Construction of multu-purpose building				
4.00	Repainting of covered basketball court flooring and bleachers				
5.00	Construction of picnic table (4- units)				
6.00	Construction of park seats ( 7 - units )				
7.00	Construction of stampcrete pavement				
8.00	Repainting of existing gazebo				
9.00	Repair and repainting of existing plantbox and curb				
10.00	Construction of additional pathwalk				
11.00	Construction of bleacher type plant box				
12.00	Repainting of existing entrance arch and replacement of entrance gate				
13.00	Construction of wall feature and trellis				
14.00	Rehabilitation of tennis court				
15.00	Rehabilitation of playsystem				
16.00	Installation of exercise machine				
17.00	Construciton of handwashing area				
	<b>TOTAL</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>

**TOTAL COST**     **P** \_\_\_\_\_

**LUMP SUM BID IN WORDS :** \_\_\_\_\_

\_\_\_\_\_

Contractor : \_\_\_\_\_

## ***Section IX. Checklist of Technical and Financial Documents***

### **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);  
**and**
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;  
**and**
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;  
**and**
- ☐ (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

#### Technical Documents

- ☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (*please see attached prescribed forms required by the QC – BAC for Infrastructure and Consultancy*); **and**
- ☐ (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules with an attached Notice of Award, Notice to Proceed, Contract and Certificate of Acceptance/ Completion (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*); **and**
- ☐ (h) Philippine Contractors Accreditation Board (PCAB) License;  
**or**  
Special PCAB License in case of Joint Ventures;  
**and** registration for the type and cost of the contract to be bid; **and**
- ☐ (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (j) Project Requirements, which shall include the following:
  - ☐ a. Organizational chart for the contract to be bid;
  - ☐ b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*);
  - ☐ c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment



lessor/vendor for the duration of the project, as the case may be (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*); **and**

- ☐ (k) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Additional Technical Requirements:

- ☐ • Certificate of Site Inspection or Affidavit of Site Inspection as part of Omnibus Sworn Statement
- ☐ • Affidavit of Undertaking for Key Personnel and Equipment (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*)
- ☐ • Equipment Utilization Schedule
- ☐ • Manpower Schedule
- ☐ • Construction Schedule and S-Curve
- ☐ • PERT-CMP
- ☐ • Construction Methods

Financial Documents

- ☐ (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*).

***Class "B" Documents***

- ☐ (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- ☐ (o) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- ☐ (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (r) Cash Flow by Quarter.

