PB-01-24-2024-02

PHILIPPINE BIDDING DOCUMENTS

Name of Project/Location : Proposed Expansion with Improvement Works at Pasig City Children's Hospital, Industria corner Alcalde Jose Sts., Brgy. Kapasigan, Pasig City

Approved Budget for the Contract: P 319,778,374.90

Government of the Republic of the Philippines

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.

TABLE OF CONTENTS

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 r

evised 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.

Section I. Invitation to Bid

Invitation to Bid for Proposed Expansion with Improvement Works at Pasig City Children's Hospital, Industria corner Alcalde Jose Sts., Brgy. Kapasigan, Pasig City.

1. The **City Government of Pasig**, through the Annual or Supplemental Budget, as approved by the Sanggunian intends to apply the sum of **PHP 319,778,374.90** being the Approved Budget for the Contract (ABC) to payments under the contract **Proposed Expansion with Improvement Works at Pasig City Children's Hospital, Industria corner Alcalde Jose Sts., Brgy. Kapasigan, Pasig City.** Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

2. The **City Government of Pasig** now invites bids for the above Procurement Project. Completion of the Works is required **600 calendar days**. 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 City Government of Pasig and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M. office hours.

5. A complete set of Bidding Documents may be acquired by interested bidders on **January 5, 2024** 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, in the amount of* **PHP50,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees presented in person.

6. The City Government of Pasig will hold a Pre-Bid Conference[1] on **January 12, 2024, 1:30 P.M.,** at **7th Floor Meeting Room, Pasig City Hall** which shall be open to prospective bidders.

7. **Bids must be duly received by the Procurement Management Office (BAC Secretariat Office) through manual submission at the office address as indicated below, on or before 9:30 A.M. of January 24, 2024. 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 **January 24, 2024 at 10:00 A.M.** at the given address below **7th Floor Meeting Room, Pasig City Hall.** Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. **The address for submission of bids is at the Procurement Management Office (BAC Secretariat Office), 4th Floor Pasig City Hall Caruncho Avenue, San Nicolas Pasig City. The deadline for submission of bids is on or before 9:30 A.M. of January 24, 2024.**

    Each Bidder shall submit ***ONE (1) SEALED MOTHER ENVELOPE*** containing:

    1. ORIGINAL (SEALED AND LABELED)

    1.1. Hard Copy Original Technical Components and

    1.2. Hard Copy Original Financial Components and

    1.3 One (1) **USB Flash Drive** containing scanned P.D.F. Documents of the Original Technical Components and Original Financial Components.

    2. COPY 1 (SEALED AND LABELED)

    2.1. One (1) **USB Flash Drive** or **CD** sealed and labeled as **"COPY 1"** containing scanned P.D.F Documents of Technical and Financial Components.

11. The **City Government of Pasig** 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.

12. For further information, please refer to:

    ATTY. BEA THERESE P. VILLANUEVA
    Officer-in-Charge, Procurement Management Office
    CITY GOVERNMENT OF PASIG
    Procurement Management Office, 4th Floor, Pasig City Hall,
    Caruncho Ave., San Nicolas Pasig City
    bidsandawards@pasigcity.gov.ph
    8643-1111 loc. 1461

13. You may visit the following websites:
    For downloading of bidding documents
    PS-Philgeps Website
    Pasig City Website

January 5, 2024

(SGD.)
ATTY. JOSEPHINE C. LATI-BAGAOISAN
BAC Chairperson

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.

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **City Government of Pasig** invites Bids for the **Proposed Expansion with Improvement Works at Pasig City Children's Hospital, Industria corner Alcalde Jose Sts., Brgy. Kapasigan, Pasig City**, with Project Identification Number ***PB-01-24-2024-02***.

[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 **CY 2024** in the amount of **PHP 319,778,374.90**.

2.2. The source of funding is:

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 "I" 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 Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

7.2 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 as indicated in paragraph 6 of the **IB.**

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 special PCAB License in case of Joint Ventures, 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 shall be valid until **120 calendar days.** 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 7 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 16 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**.

INSTRUCTION TO BIDDERS

PROJECT : Proposed Expansion with Improvement Works at Pasig City Children's Hospital, Industria corner Alcalde Jose Sts., Brgy. Kapasigan, Pasig City

Date : January 5, 2024

This shall form an integral part of the Bid Documents.

1. Bidders are requested to organize and submit their bids on the following requirements:

    1. *Submit First (1st) Envelope containing one (1) hardcopy of the ORIGINAL Technical Component, including the Eligibility Requirements. 1st Envelope shall be sealed and labeled as "ORIGINAL TECHNICAL COMPONENT".*

    2. *Submit Second (2nd) Envelope containing one (1) hard copy of the ORIGINAL Financial Component. 2nd Envelope shall be sealed and labeled as "ORIGINAL FINANCIAL COMPONENT".*

    3. *Submit USB Flash Drive containing one (1) soft/scanned copy of the ORIGINAL Technical Component and Financial Component;*

        ***Note:** The 1st Envelope, 2nd Envelope and the USB flash drive containing the soft/scanned copy of the original technical and financial components shall be enclosed in a single envelope, sealed and labeled as "ORIGINAL BID".*

    4. *Submit USB Flash Drive containing one (1) soft/scanned copy of the Technical Component and Financial Component. USB flash drive shall be enclosed in a separate envelope, sealed and labeled as "COPY1".*

    5. *The "ORIGINAL BID" and "COPY 1" envelopes shall be enclosed in a single MOTHER ENVELOPE sealed and properly labeled.*

    **Sections of the bid shall be separated by dividers, proper tabs;*

    ****NO** scratch papers.*

All envelopes (1st Envelope, 2nd Envelope, Original Bid Envelope, Copy 1 Envelope and Mother Envelope) shall be labeled as follows:

- ***Addressed to the procuring entity's BAC Chairperson***
- ***Name of the project/contract to be bid***
- ***Name, address and contact details of the bidder including e-mail address***
- ***"DO NOT OPEN BEFORE <bid opening date and time>"***

✓ *Unsealed or unmarked bid envelopes shall be rejected. However, bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The Procuring Entity shall not be responsible for misplaced Bidding Documents and premature opening.*

BIDDING DOCUMENTS AVAILABILITY AND FEE

- *Bidding Documents:*
  - ***January 5, 2024 to January 24, 2024 until 9:30 A.M.***
  - *8:00 am to 5:00 pm and upon payment of applicable fees for the Bidding Documents at the City Treasurer's Office.*
- *Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.*
- *Standard rates for bidding documents*

Approved Budget for the Contract	Maximum Cost of Bidding Documents
500,000 and below	P500.00
More than 500,000 up to 1 million	1,000.00
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

INSTRUCTION TO BIDDERS ON PAYMENT OF BIDDING DOCUMENTS

- *Secure Order of Payment for the bidding documents at the Procurement Management Office, 4th Floor Pasig City Hall.*

- *Proceed to City Treasurer's Office, 1st Floor Pasig City Hall for the payment of bidding documents.*

- *Mode of payment: Cashier Manager's/Cashier's Check payable to City Government of Pasig*
  - ***Personal Check shall not be accepted.***

- *Present the Official Receipt to the BAC Secretariat's Office for the release of the complete Set of bidding documents.*

REMINDERS:

- *The **deadline for the submission of bid is on January 24, 2024 at 9:30 AM at the Procurement Management Office**, 4th Floor Pasig City Hall, Caruncho Ave., San Nicolas Pasig City. The digital clock at the Procurement Management Office that is set to the Philippine Time (PhST) shall be used as reference in determining the time for the submission of bids, Hence participating bidders are advised to synchronize their timepiece with the said digital clock. **Late bids or those who submitted after 9:30 AM of January 24, 2024 shall not be accepted.***

- *Bidders may submit their bid documents days ahead of the deadline for the submission in order to avoid late submission.*

- ***Bid opening shall be on January 24, 2024 at 10:00 AM at 7th Floor Meeting Room, Pasig City Hall,** Caruncho Ave., San Nicolas Pasig City. Bids will be opened in the presence of the bidders' representatives who choose to attend.*

- *All licenses, permits and other required clearances should be valid at the time of the submission of bids, Post-Qualification Evaluation and signing of the contract.*

- *The BAC expects the bidders to exercise due diligence in going through the bid documents so that they can prepare their bids intelligently.*

- *The Bids and Awards Committee will still continue to implement social distancing and shall require only one (1) Representative per company.*

- All attendees will be subjected to thermal scan prior to entry of the venue and shall:

  1. Wear medical face mask and face shield at all times–"**No Mask No Entry**"
  2. Bring black ballpen
  3. Bring alcohol

Please be reminded that all queries after the issuance of Bid Bulletin will not be entertained.

(SGD.)
ATTY. JOSEPHINE C. LATI-BAGAOISAN
BAC Chairperson

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.

Section III. Bid Data Sheet
Bid Data Sheet

<table>
<tr><th>ITB Clause</th><th></th></tr>
<tr><td>5.2</td><td>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:

<u>The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project-Construction and/or Major Improvement Works of Hospital Building, equivalent to at least fifty percent (50%) of the ABC.</u></td></tr>
<tr><td>7.1</td><td>Subcontracting is not allowed.</td></tr>
<tr><td>10.3</td><td>The Bidder must have a valid Philippine Contractors Accreditation Board (PCAB) license and registration for Size Range –<u>Large A- Building & Industrial Plant</u>
License at least Category: <u>General Building- AA</u></td></tr>
<tr><td>10.4</td><td>The key personnel must meet the required minimum years of experience set below:
<table>
<tr><th>KEY PERSONNEL</th><th>QTY.</th><th>GENERAL EXPERIENCE</th><th>RELEVANT EXPERIENCE</th></tr>
<tr><td>Project Manager (PM)/ Civil Engineer</td><td>1</td><td>Licensed Civil Engineer</td><td>With a minimum of five (5) years relevant work experience as Project Manager in Building construction</td></tr>
<tr><td>Electrical Engineer</td><td>1</td><td>Licensed Electrical Engineer</td><td>With a minimum of 5 years relevant work experience as Electrical Engineer in Building Construction</td></tr>
<tr><td>Mechanical Engineer</td><td>1</td><td>Licensed Mechanical Engineer</td><td>With a minimum of 5 years relevant work experience as Mechanical Engineer in Building Construction</td></tr>
<tr><td>Electronics Engineer</td><td>1</td><td>Licensed Electronics Engineer</td><td>With a minimum of 5 years relevant work experience as Electronics Engineer in Building Construction</td></tr>
<tr><td>Sanitary Engineer/ Master Plumber</td><td>1</td><td>Licensed Master Plumber</td><td>With a minimum of 3 years in Building</td></tr>
</table></td></tr>
</table>

			Construction projects handled as Safety Officer
Safety Officer	1	DOLE Accredited COSH experience	At least 1 year experience on construction
Foreman	4	At least 1 year experience	At least 1 year experience Building Construction as Foreman

The Bidder shall submit the corresponding bio-data of the above key personnel that includes description of his/her relevant experience. The bio-data shall include a statement of availability of the key personnel for the duration of the project, signed by the named key personnel. The key personnel can be a current or on-call employee, or a consultant of the company.

10.5 The minimum major equipment requirements are the following:

Equipment Capacity Number of Units

EQUIPMENT	CAPACITY	NUMBER OF UNITS
Elf	35.31 ft.3	2
Angle Grinder	1400W	3
Table Saw	1800W	1
Hand Drill	400W	5
Hand Saw	n/a	2
Electrician Tool Set	n/a	6
Aircon Technician Tools	n/a	4
Electronic Tools	n/a	6
Multimeter Tester	n/a	4
Ground Resistance Tester	n/a	1
Vacuum Pump	n/a	4
Data Connector Tester	n/a	6
Tile Cutter	n/a	1
Welding Machine	400A	2
Jack hammer	n/a	1

12 No further instructions.

15.1 The bid security shall be in the form of a *Bid Securing Declaration* or any of the following forms and amounts:

a. The amount of not less than *2% of ABC*, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;
b. The amount of not less than *5% of ABC* if bid security is in Surety Bond.

19.2	No further instructions.
20	The following licenses/s and permit/s shall be required: 1. Registration certificate form Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives of its equivalent document 1. Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located. 2. Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR) 3. Valid PCAB License Category: **General Building- AA** and Registration of at least **Large A- Building & Industrial Plant** 4. 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. 5. Latest income and business tax returns 6. Valid licenses issued by the Professional Regulatory Commission (PRC); No other acceptable proof of registration is recognized.
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and PERT/CPM S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.

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.

Section IV. General 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.

Section V. Special Conditions of Contract
Special Conditions of Contract

GCC Clause	
2	The **Intended Completion Date** is **600 calendar days.**
3.1	The **Procuring Entity** shall give possession of all parts of the Site to the Contractor upon the issuance of Notice to Proceed.
6	No further instructions.
7.2	*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:* Fifteen (15) years. *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:* Five (5) years. *In case of other structures, such as Bailey and wooden bridges, shallow wells, spring developments, and other similar structures:* Two (2) years.
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works to the Procuring Entity's Representative within ten (10) days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is one percent (1%).
13	Advance payment shall be made only upon the submission to and acceptance by the Procuring Entity. The amount of the advance payment is fifteen percent (15%) of the Contract price.
14	No further instructions.
15.1	If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals within thirty (30) calendar days from the completion of the project.
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 one percent (1%) of the final contract amount.

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.

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.]

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.

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.

Republic of the Philippines
BIDS AND AWARDS COMMITTEE
City Government of Pasig

Name of Bidder :_____
Name of Contract :_____
_____
Approved Budget Contract :_____
Bidding Date :_____

(Note: Checklist is to be filled up by the BAC only)

I. TECHNICAL COMPONENT ENVELOPE FOR THE PROCUREMENT OF INFRASTRUCTURE PROJECTS

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Certificate of Platinum Registration and Membership with additional caveat in accordance with Section 8.5.2 of the 2016 Revised IRR of RA 9184 amended through GPPB Resolution No. 15-2021, provided that all of Class "A" eligibility documents submitted to PhilGEPS are maintained and updated;

Technical Documents

☐ (b) 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; **and**

☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules (Contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.); **and**

☐ (d) Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**

☐ (e) 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**

(f) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid; **and**

☐ 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; **and**

☐ c. Duly signed Manpower Schedule; **and**

☐ d. 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; **and**

☐ e. Equipment utilization schedule; **and**

☐ f. Duly signed Construction Schedule (PERT/CPM) and S-curve; **and**

☐ g. Duly signed Construction Method in narrative form; **and**

☐ h. Construction Safety and Health Program; **and**

☐ (g) 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.

Financial Documents

☐ (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

☐ (i) 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.

NOTE: Any missing document/s on the above mentioned checklist is a ground for outright disqualification/ rejection of the bid.

REMARKS: ☐**PASSED** ☐ **FAILED**

ACKNOWLEDGMENT: (Please see above "note" Do not fill up/sign if documents are marked passed)
This is to acknowledge receipt of the first and second envelopes which is being returned because of disqualification due to deficiencies and non-compliance with checklist therein.

_____ _____
Signature over printed name/Representative of Bidder Date Received

CHECKED AND VERIFIED BY: SIGNATURE:

☐ **ATTY. JOSEPHINE C. LATI-BAGAOISAN**
Chairperson _____

☐ **ATTY. DIEGO LUIS S. SANTIAGO**
Vice Chairperson _____

☐ **DR. EMMA MEJIA-SANCHEZ**
Member _____

☐ **DR. JEANNA V. PLES**
Member _____

☐ **ENGR. JOHNNY L. CALATA**
Member _____

☐ **MS. RUTH F. ROMANO**
Member _____

☐ **DR. STUART G. SANTOS**
Member _____

☐ **ATTY. KATHLEEN MAE M. VILLAMIN**
Alternate Member _____

☐ **MR. JOSE REY Q. ESPINA**
Alternate Member _____

☐ **ATTY. BERNICE C. MENDOZA**
Alternate Member _____

☐ **ATTY. JOHNSON L. VILLARUEL**
Alternate Member _____

☐ **ATTY. RAUL. G. CORALDE**
Alternate Member _____

Attested by:

ATTY. BEA THERESE P. VILLANUEVA
Officer-In-Charge, Procurement Management Office

Republic of the Philippines
BIDS AND AWARDS COMMITTEE
City Government of Pasig

Name of Bidder : _____
Name of Contract : _____
_____
Approved Budget Contract: _____
Bidding Date : _____

(Note: Checklist is to be filled up by the BAC only)

II. FINANCIAL COMPONENT ENVELOPE FOR THE PROCUREMENT OF INFRASTRUCTURE PROJECTS

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

Other documentary requirements under RA No. 9184

☐ (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**

☐ (l) 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**

☐ (m) Cash Flow by Quarter.

NOTE:
Any missing document/s on the above-mentioned checklist is a ground for outright disqualification/ rejection of the bid.

REMARKS: ☐**PASSED** ☐ **FAILED**

ACKNOWLEDGMENT: (Please see above "note" Do not fill up/sign if documents are marked passed)
This is to acknowledge receipt of the first and second envelopes which is being returned because of disqualification due to deficiencies and non-compliance with checklist therein.

_____ _____
Signature over printed name/Representative of Bidder Date Received

CHECKED AND VERIFIED BY: SIGNATURE:

☐ **ATTY. JOSEPHINE C. LATI-BAGAOISAN**
Chairperson _____

☐ **ATTY. DIEGO LUIS S. SANTIAGO**
Vice Chairperson _____

☐ **DR. EMMA MEJIA-SANCHEZ**
Member _____

☐ **DR. JEANNA V. PLES**
Member _____

☐ **ENGR. JOHNNY L. CALATA**
Member _____

☐ **MS. RUTH F. ROMANO**
Member _____

☐ **DR. STUART G. SANTOS**
Member _____

☐ **ATTY. KATHLEEN MAE M. VILLAMIN**
Alternate Member _____

☐ **MR. JOSE REY Q. ESPINA**
Alternate Member _____

☐ **ATTY. BERNICE C. MENDOZA**
Alternate Member _____

☐ **ATTY. JOHNSON L. VILLARUEL**
Alternate Member _____

☐ **ATTY. RAUL. G. CORALDE**
Alternate Member _____

Attested by:

ATTY. BEA THERESE P. VILLANUEVA
Officer In Charge, Procurement Management Office

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____)S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

   *[If a sole proprietorship:]*I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

   [If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

   *[If a sole proprietorship:]*As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

   [If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy oftheoriginal,complete,andallstatementsandinformationprovidedthereinaretrueandcorrect;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee(BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]*None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee(BAC),the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

a. Carefully examining all of the Bidding Documents;
b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ___day of ___, 20__at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No.:*[Insert number]*

To:*[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.

2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1 (f), of the IRR of RA No.9184; without prejudice to other legal action the government may undertake.

3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:

    a. Upon expiration of the bid validity period, or any extension there of pursuant to your request;
    b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
    c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF,I/We have here unto set my/our hand/s this_____day of *[month][year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Statement of All Ongoing Government and Private Contracts Including Contracts Awarded But Not Yet Started, If Any, Whether Similar or Not in Nature and Complexity to the Contract to be Bid

Business Name: _____
Business Address: _____

Name of the Contract and Project Location	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Amount of Contract and Value of Outstanding Contract	a. Date of Contract b. Duration of the Contract c. Estimated Date of Completion	Bidder's Role		% of Accomplishment (based on latest % accomplishment report with a cut-off date of not earlier than October 2023	
					Description	%	Planned	Actual
Ongoing								
Contracts Awarded But Not Yet Started								

Note: Bidder shall attach any of the following latest accomplishment report with a cut-off date of not earlier than October 2023, showing the percentages of planned and actual accomplishments:

a. Statement of Work Accomplished showing the percentages of planned and actual accomplishments, or
b. Updated Schedule Bar Chart with S-Curve, or
c. Any similar report showing the percentages of planned and actual accomplishments of the project.

Said reports must be duly signed by the project owner or its representative. The absence of such document is a ground for disqualification of the Bidder.

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

Statement of Single Largest Completed Contract (SLCC)

(Similar to the contract to be bid, within the last five (5) years from the date of submission and receipt of bids, the value of which must be at least fifty percent (50%) of the ABC)

Business Name: _____
Business Address: _____

Name of the Contract	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Amount of Contract	a. Date of Contract b. Duration of the Contract c. Date Completed	Bidder's Role		Total Contract Value at Completion
					Description	%	

Note: Attach a copy of the:1) Notice of Award, Notice to Proceed, and/or official receipt(s); and 2) Certificate of Final Acceptance/Certificate of Satisfactory Completion. All the SLCC required documents should be issued by the client for the specified SLCC.

Submitted by : _____

(Printed Name & Signature)

Designation : _____

Date: : _____

NFCC COMPUTATION FOR ELIGIBILITY CHECK

A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

	Year 20_____
1.Total Assets	
2.CurrentAssets	
3.Total Liabilities	
4.Current Liabilities	
5.Net Worth(1-3)	
6.Net Working Capital (2-4)	

B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC=[(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements (AFS) submitted to the BIR.

NFCC=P_____

Submitted by:

_____

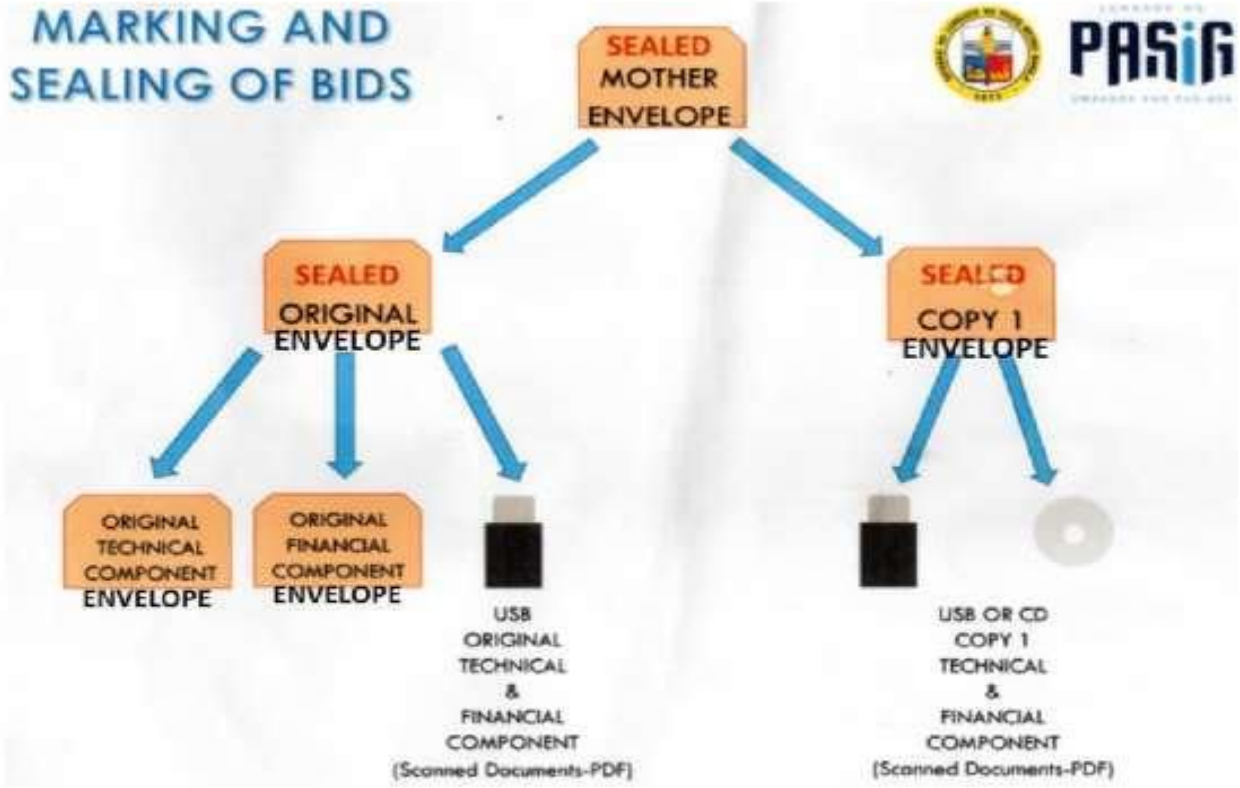
Name of Supplier/ Distributor/ Manufacturer:

_____

Signature of Authorized Representative:

_____

Date:


MARKING AND SEALING OF BIDS
SEALED MOTHER ENVELOPE
SEALED ORIGINAL ENVELOPE
SEALED COPY 1 ENVELOPE
ORIGINAL TECHNICAL COMPONENT ENVELOPE
ORIGINAL FINANCIAL COMPONENT ENVELOPE
USB ORIGINAL TECHNICAL & FINANCIAL COMPONENT (Scanned Documents-PDF)
USB OR CD COPY 1 TECHNICAL & FINANCIAL COMPONENT (Scanned Documents-PDF)
PASIG

BID FORM

Date : _____

Project Identification No. : _____

To: **THE CHAIRMAN**
BIDS AND AWARDS COMMITTEE
PASIG CITY

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____ the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **PROPOSED EXPANSION WITH IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY;**

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: _____
_____ (P _____)

d. The discounts offered and the methodology for their application are: _____;

e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____
_____ (P _____) percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines12 for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **PROPOSED EXPANSION WITH IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY** of the **Bids and Awards Committee (B.A.C.) Pasig City**

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
1.0	Mobilization / Demobilization (Pesos)	1.00	lot		
2.0	Preliminaries (Pesos)	1.00	l.s		
3.0	Repair and Improvement at Basement (Pesos)	1.00	l.s		
4.0	Repair and Improvement of Ramp (Pesos)	1.00	l.s		
5.0	Repair and Improvement at Ground Floor (Pesos)	1.00	l.s		
6.0	Repair and Improvement Work at Second Floor (Pesos)	1.00	l.s		
7.0	Repair and Improvement Work at Third Floor (Pesos)	1.00	l.s		
	Total Amount in Words:				
	GRAND TOTAL				

(Name & Address of Bidder)

(Signature)

(Name, Designation of Authorized Signing Official)

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
8.0	Repair and Improvement Work at Fourth Floor (Pesos)	1.00	l.s		
9.0	Repair and Improvement Work at Fifth Floor (Pesos)	1.00	l.s		
10.0	Repair and Improvement Work at Sixth Floor (Pesos)	1.00	l.s		
11.0	Repair and Improvement Work at Lower Roof Deck (Pesos)	1.00	l.s		
12.0	Repair and Improvement Work at Upper Roof Deck (Pesos)	1.00	l.s		
13.0	Rehabilitation of Public Toilet (Pesos)	1.00	l.s		
14.0	Exterior Painting (Pesos)	39.00	pcs		
	Total Amount in Words:				
	GRAND TOTAL				

(Signature)

(Name & Address of Bidder)

(Name, Designation of Authorized Signing Official)

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
15.0	Rehabilitation of Staircase 1 and 2 (Pesos)	1.00	l.s		
16.0	Counter Windows, Doors and Windows (Pesos)	1.00	l.s		
17.0 17.1	Medical Gas Piping Basement and Ground Floor (Pesos)	1.00	l.s		
17.2	Second Floor and Fourth Floor (Pesos)	1.00	l.s		
17.3	Fifth to Sevent Floor (Pesos)	1.00	l.s		
17.4	Medical Gas Source Equipment (Pesos)	1.00	l.s		
17.5	Labor and Supervision (Pesos)	1.00	l.s		
	Total Amount in Words:				
	GRAND TOTAL				

(Signature)

(Name & Address of Bidder)

(Name, Designation of Authorized Signing Official)

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
18.0	Plumbing Works				
18.1	Sewer Lines (Pesos)	1.00	l.s		
18.2	Sewer Lines (Pesos)	1.00	l.s		
18.3	Repair of Water Lines (Pesos)	1.00	l.s		
18.4	Plumbing Fixtures (Pesos)	1.00	l.s		
19.0	Electrical and Mechanical Works				
19.1	Electrical Works				
19.1.1	Panel Board and Breakers (Pesos)	1.00	l.s		
19.1.2	Wires, Conduits and Boxes (Pesos)	1.00	l.s		
19.1.3	Fixtures and Wiring Devices (Pesos)	1.00	l.s		
	Total Amount in Words:				
	GRAND TOTAL				

(Signature)

(Name & Address of Bidder)

(Name, Designation of Authorized Signing Official)

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
19.2 19.2.1	Mechanical Works Aircon Works (Pesos)	1.00	l.s		
19.2.1.2	Refrigerant Works (Pesos)	1.00	l.s		
19.2.1.3	Electrical Works of Aircon Units (Pesos)	1.00	l.s		
19.2.2 19.2.2.1	Auxiliary System FDAS (Fire Detection and Alarm System) (Pesos)	1.00	l.s		
19.2.2.2	CCTV (Closed Circuit Television) System (Pesos)	1.00	l.s		
19.2.2.3	Public Address and Background Music System (Pesos)	1.00	l.s		
19.2.2.4	BMS (Building Management System) (Pesos)	1.00	unit		
	Total Amount in Words:				
	GRAND TOTAL				

(Signature)

(Name & Address of Bidder)

(Name, Designation of Authorized Signing Official)

SUBJECT : **BILL OF QUANTITIES / COST ESTIMATE**

NAME OF PROJECT : **PROPOSED EXPANSION WITH IMPROVEMENT WORKS**

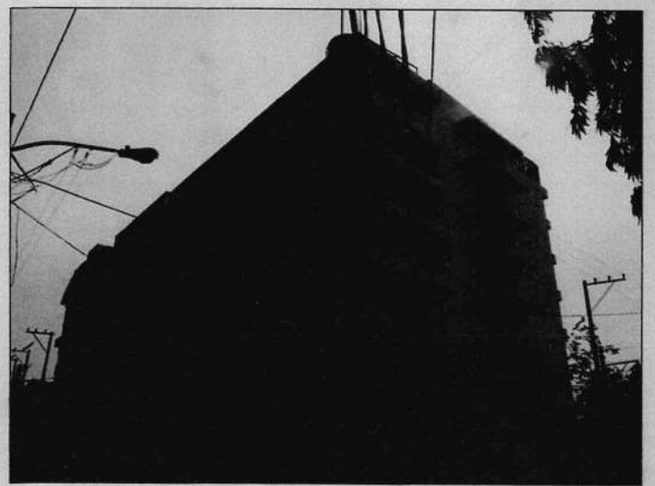
LOCATION : **PASIG CITY CHILDREN'S HOSPITAL, INDUSTRIA CORNER ALCALDE JOSE STS., BRGY. KAPASIGAN, PAISG CITY**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (P)	AMOUNT (P)
20.0	Electric Motor Pumps and Fire Protection System (Pesos)	1.00	l.s		
	Total Amount in Words:				
	GRAND TOTAL				

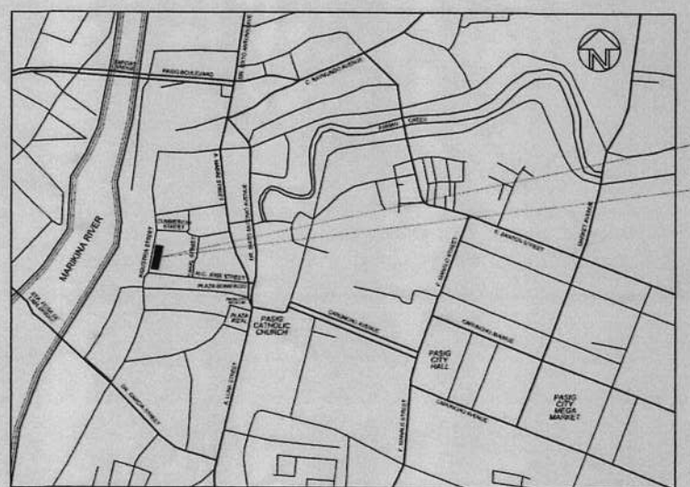
(Signature)

(Name & Address of Bidder)

(Name, Designation of Authorized Signing Official)

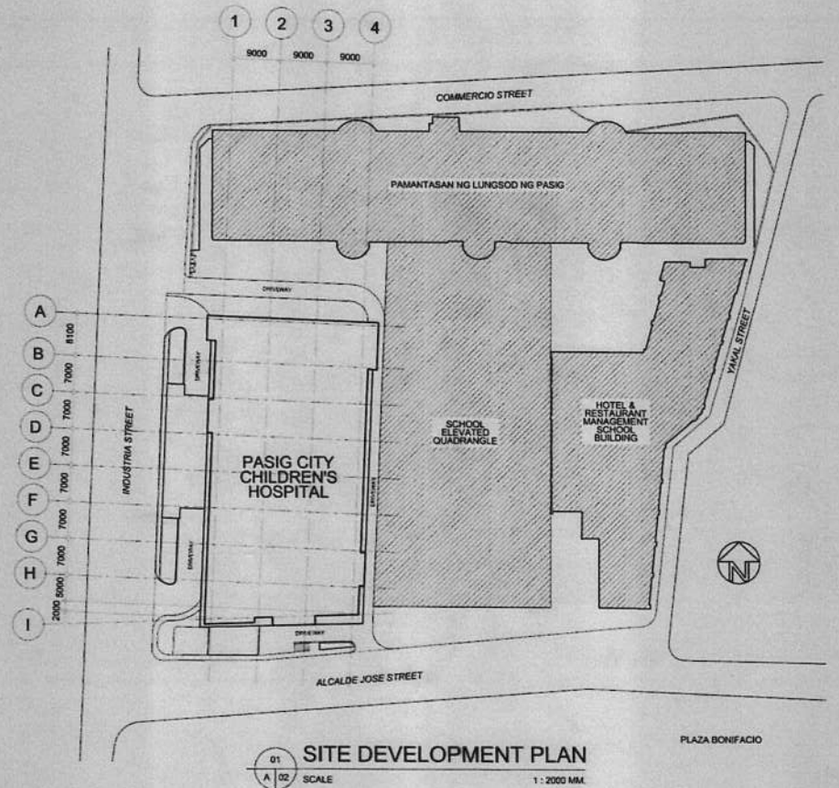


ACTUAL PHOTO



VICINITY MAP

THE SITE



01 / A / 02 SITE DEVELOPMENT PLAN

SCALE 1 : 2000 MM.

CONFORME :

DR. JOSELITO T. MORETE
MEDICAL DIRECTOR, PCCH

DR. NERISSA G. SABARRE
PASIG CITY COVID-19 REFERRAL

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JOHN ROGELO L. PEREZ
PROJECT IN CHARGE

ENGR. ROMEO S. ARCEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C. ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

ACTUAL PHOTO
VICINITY MAP
SITE DEVELOPMENT PLAN

CADD: ECESTRADA

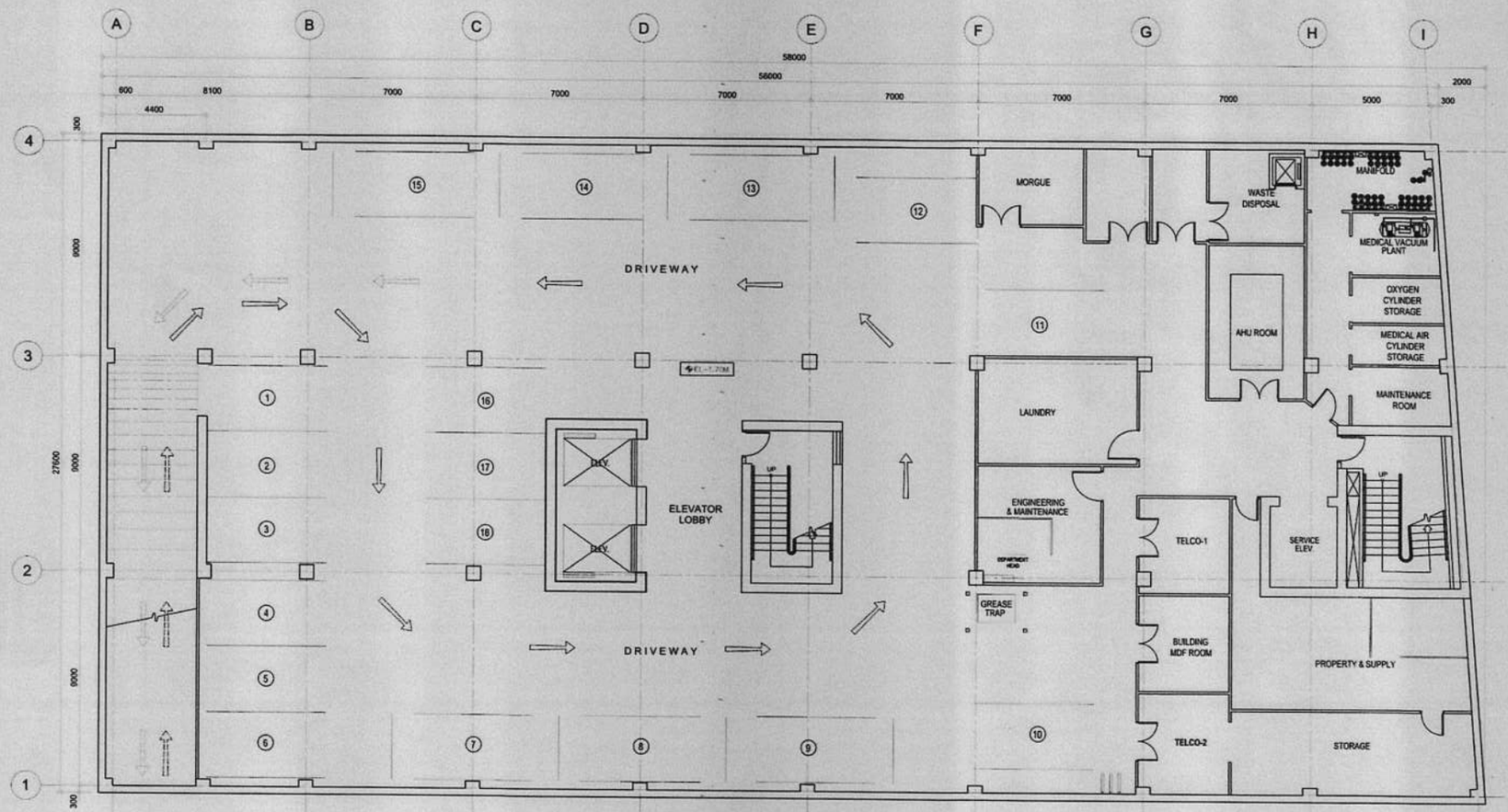
SHEET NO. : A 01 39

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE - INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



EXISTING BASEMENT FLOOR PLAN

01 / A 02 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL T. RANESES
CHIEF, VERTICAL PROJECTS

ENGR. JUAN ROLDAN I. PEREZ
PROJECT ENGINEER

ENGR. ROMEO E. ARCEO
PROJECT ENGINEER

RECOMMENDING APPROVAL :

ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING BASEMENT FLOOR PLAN

CADD: ECESTRADA

SHEET NO. : A 02 39

IMPORTANT NOTES :

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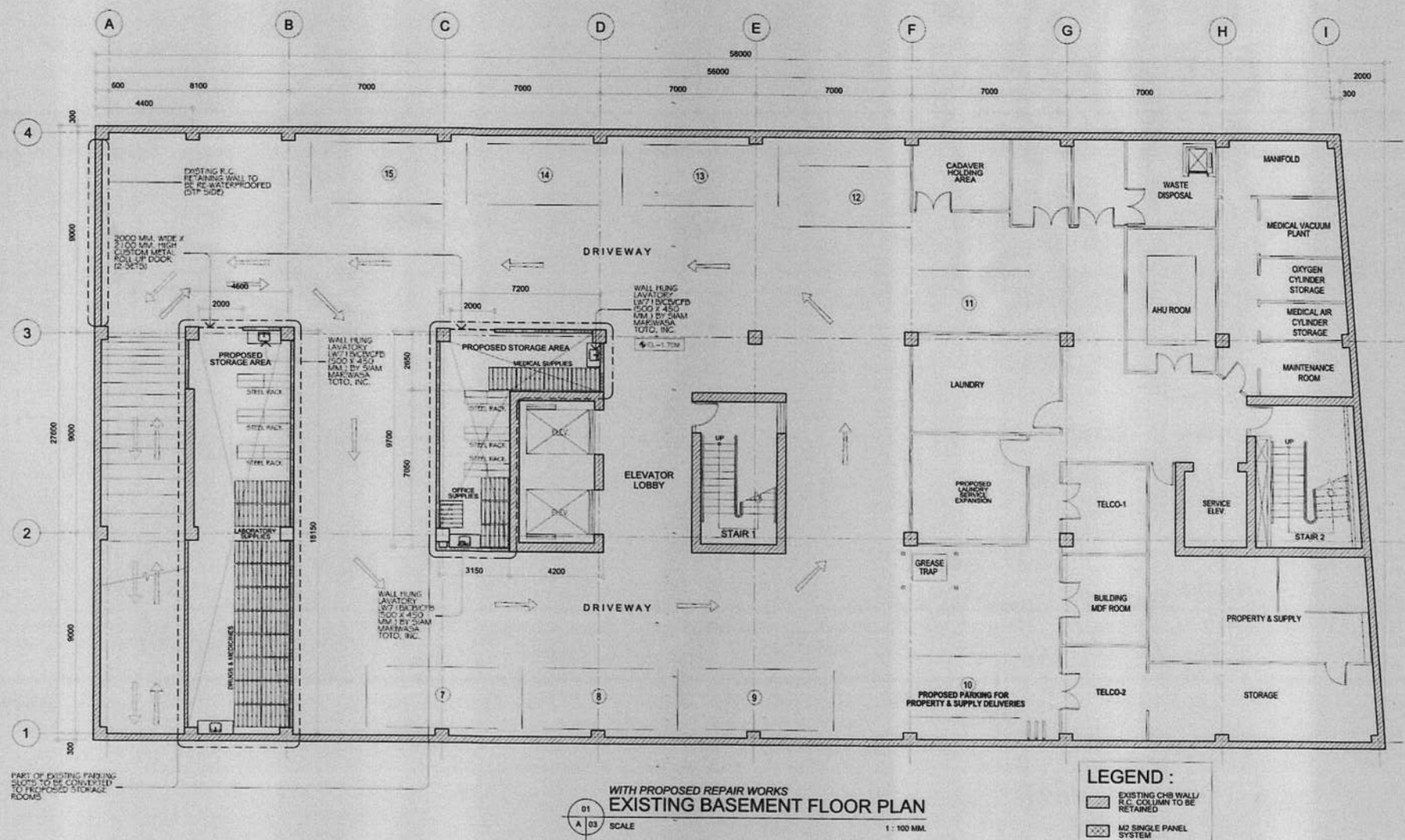

WITH PROPOSED REPAIR WORKS

EXISTING BASEMENT FLOOR PLAN

01 / A / 03 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. [illegible] PEREZ
PROJECT MANAGER
ENGR. ROMEO B. ARCEO
PROJECT OWNER

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
ASST. DEPT. HEAD, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING BASEMENT FLOOR PLAN OF PROPOSED REPAIR WORKS
CADD: ECESTRADA

SHEET NO. : A 03 39

IMPORTANT NOTES :
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2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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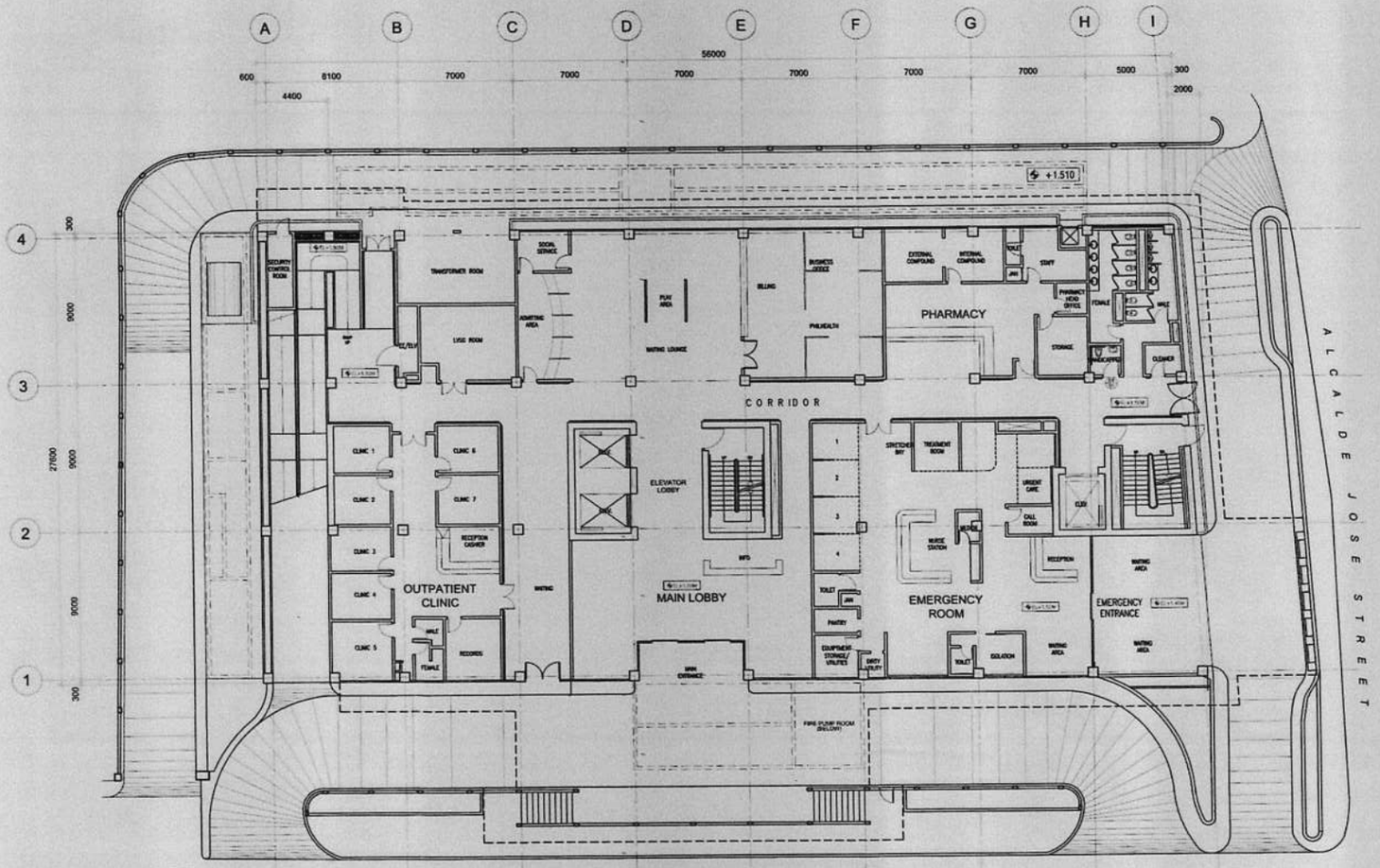
ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



EXISTING GROUND FLOOR PLAN

SCALE 1 : 150 MM

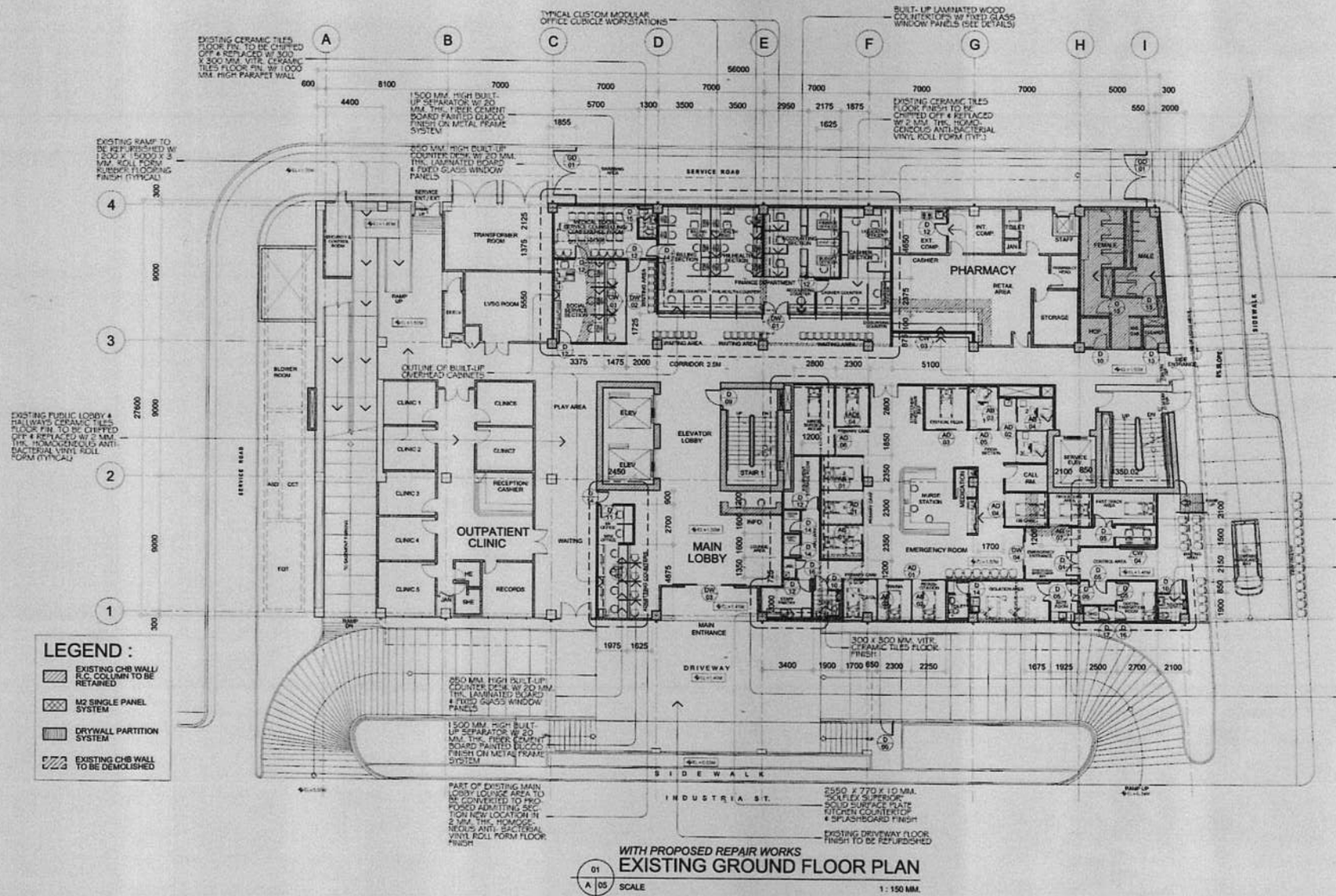
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, MECHANICAL PROJECTS ENGR. [illegible] PEREZ ENGR. ROMEO A. ARCEO	RECOMMENDING APPROVAL : ENGR. LAWRENCE G. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING GROUND FLOOR PLAN CADD: ECESTRADA	SHEET NO. : A 04 | 39

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITH/OUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR DISCREPANCIES TO THE STRUCTURAL DESIGN DRAWINGS PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



WITH PROPOSED REPAIR WORKS

EXISTING GROUND FLOOR PLAN

01 / A 05 SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL A. MENESES CHIEF, VERTICAL PROJECTS ENGR. [illegible] O. PEREZ PROJECT ENGINEER ENGR. ROMEO B. ARCEO PROJECT PLANNER	RECOMMENDING APPROVAL : ENGR. [illegible] S. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING GROUND FLOOR PLAN W/ PROPOSED REPAIR WORKS CADD: ECESTRADA	SHEET NO. : A 05 | 39

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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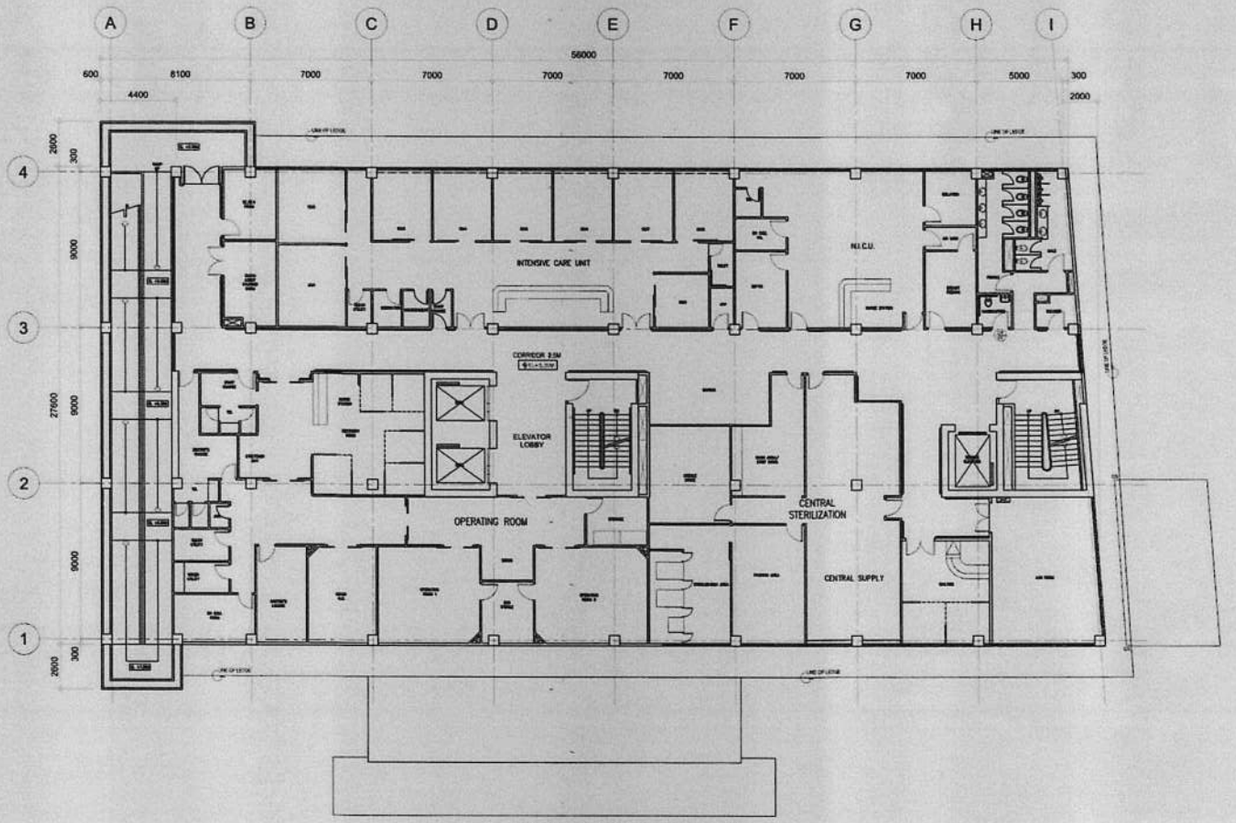

01 EXISTING SECOND FLOOR PLAN
A/B SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISROEL V. RANESES
CHIEF, VERTICAL PROJECTS

ENGR. [illegible] L. PEREZ
PROJECT IN CHARGE

ENGR. ROMEO E. ARZEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] C. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING SECOND FLOOR PLAN

CADD: ECESTRADA

SHEET NO. : A 06 39

IMPORTANT NOTES

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES

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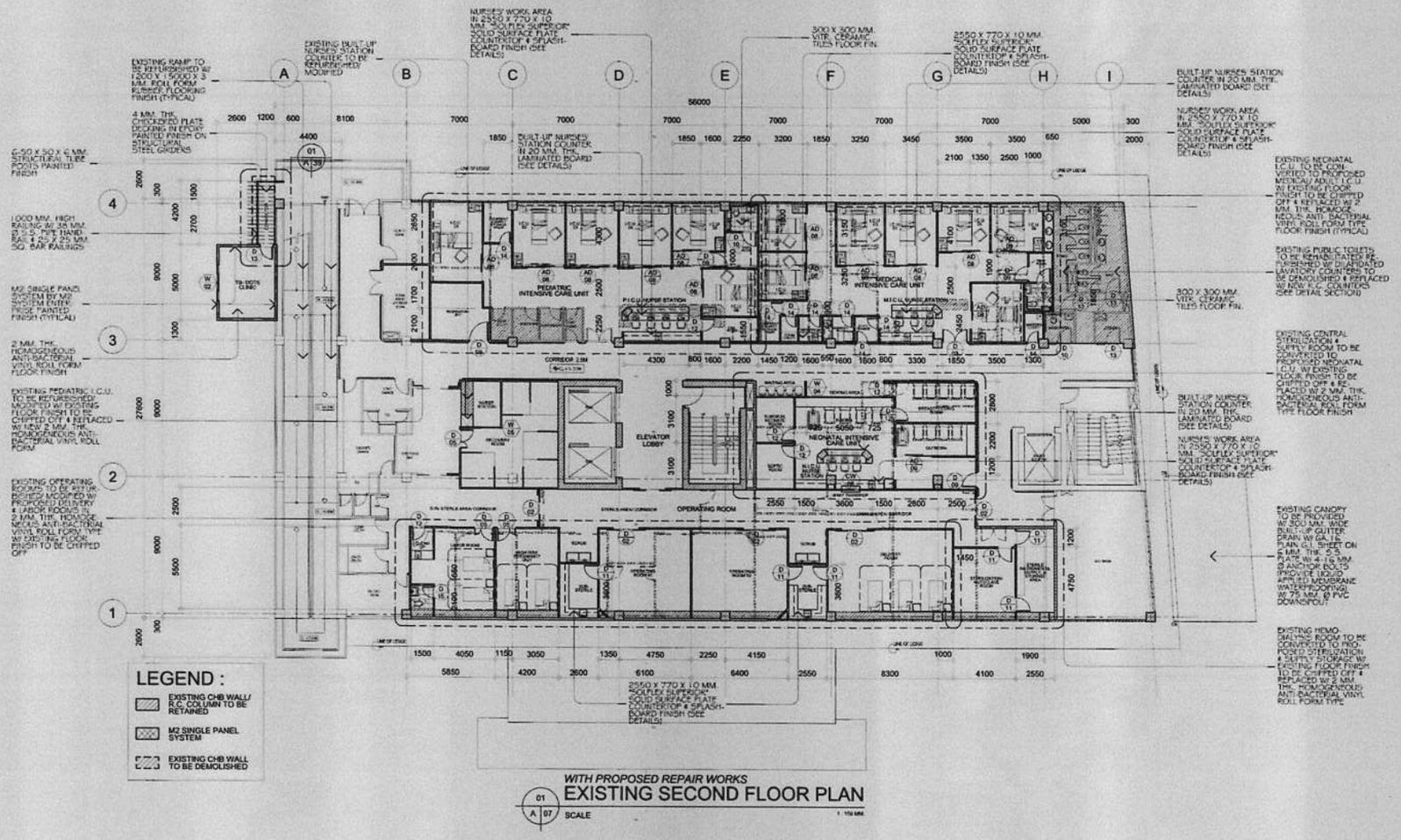
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



WITH PROPOSED REPAIR WORKS

EXISTING SECOND FLOOR PLAN

01 / A 07 SCALE

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. AL CALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEAH V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL N. RANESES CHIEF, VERTICAL PROJECTS ENGR. JUAN CARLO I. PEREZ ENGR. ROMEO A. ARCEO	RECOMMENDING APPROVAL : ENGR. [illegible] S. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING SECOND FLOOR PLAN W/ PROPOSED REPAIR WORKS CADD: ECESTRADA	SHEET NO. : A 07 39

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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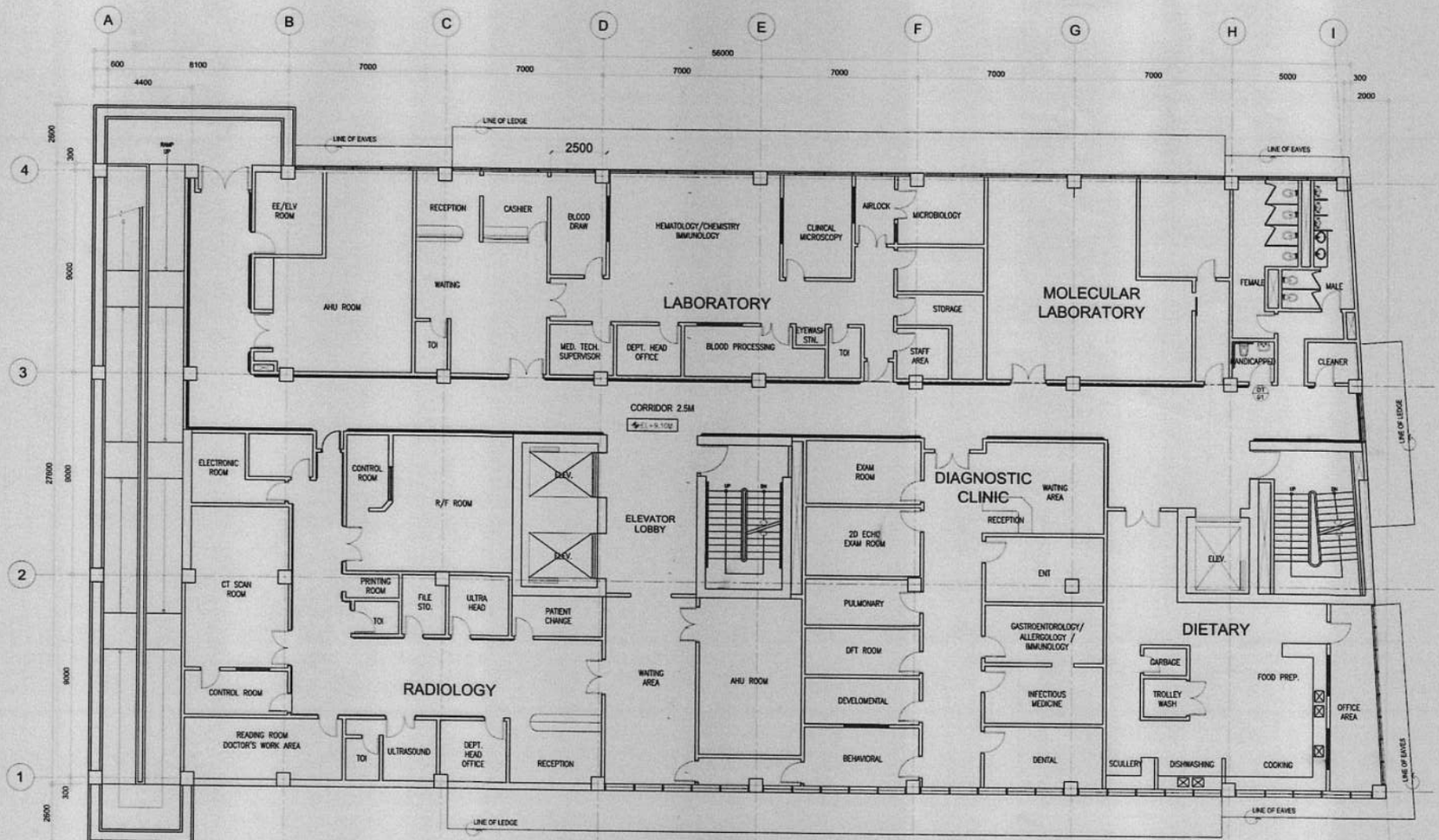

01 / A 08 EXISTING THIRD FLOOR PLAN

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISHMAEL D. RAÑESES
CHIEF, TECHNICAL PROJECTS

ENGR. [illegible]
PROJECT ENGINEER

ENGR. ROMEO B. ARCEO
ENGINEER III

RECOMMENDING APPROVAL :

ENGR. [illegible]
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING THIRD FLOOR PLAN

SHEET NO. : A 08 39

CADD: ECESTRADA

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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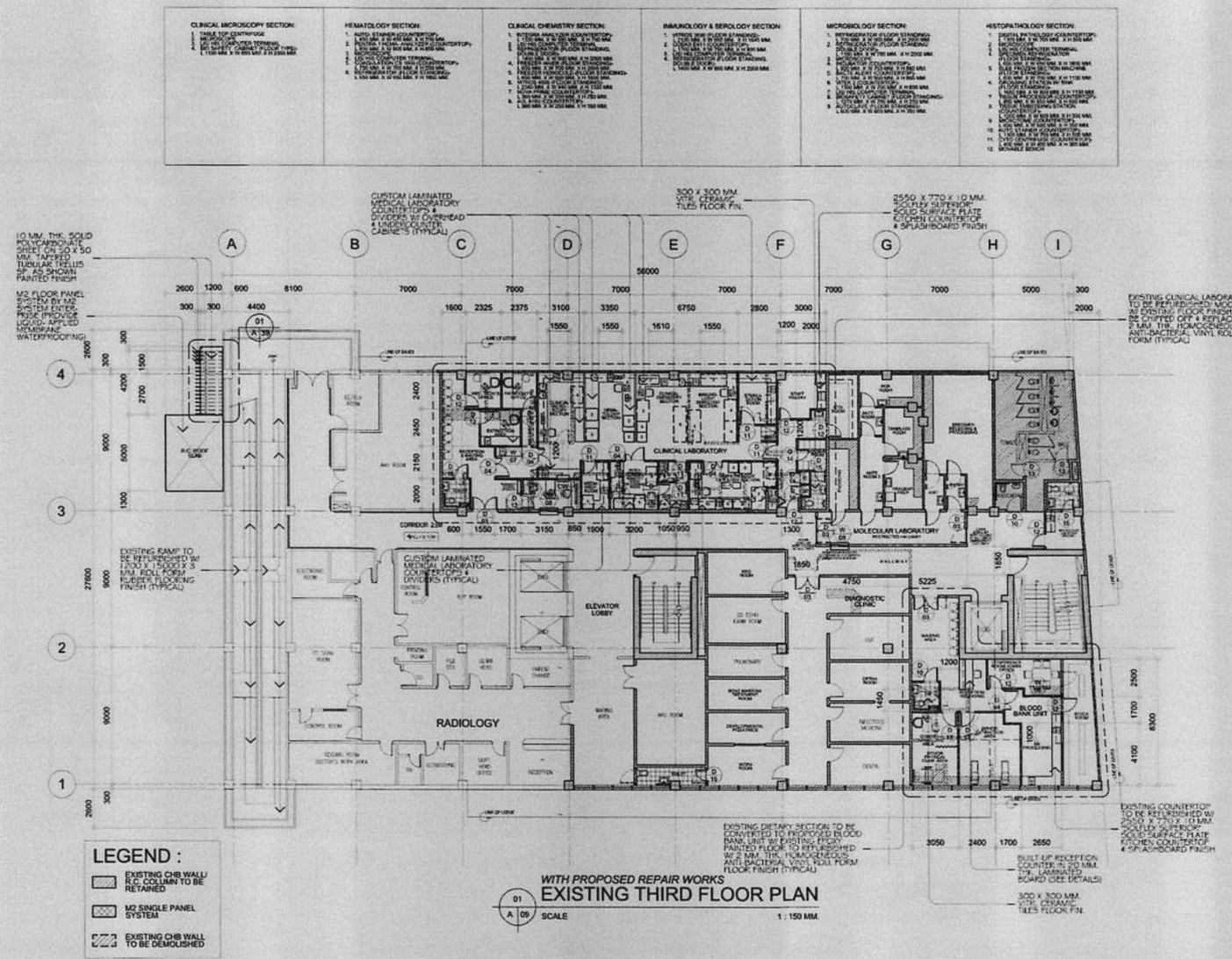

WITH PROPOSED REPAIR WORKS

EXISTING THIRD FLOOR PLAN

01 / A 09 SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR **ENGINEERING DEPARTMENT**	PROJECT TITLE : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL** LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. CLEVY V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. IBARRA L. PANESES OIC, TECHNICAL PROJECTS ENGR. JUAN MIGUEL L. PEREZ ENGR. ROMEO B. ARCEO	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. GUIDENCIO ENGINEER III, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : **VICTOR MA. REGIS N. SOTTO** CITY MAYOR	SHEET CONTENTS : EXISTING THIRD FLOOR PLAN W/ PROPOSED REPAIR WORKS CADD: ECESTRADA	SHEET NO. : A 09 39

IMPORTANT NOTES:
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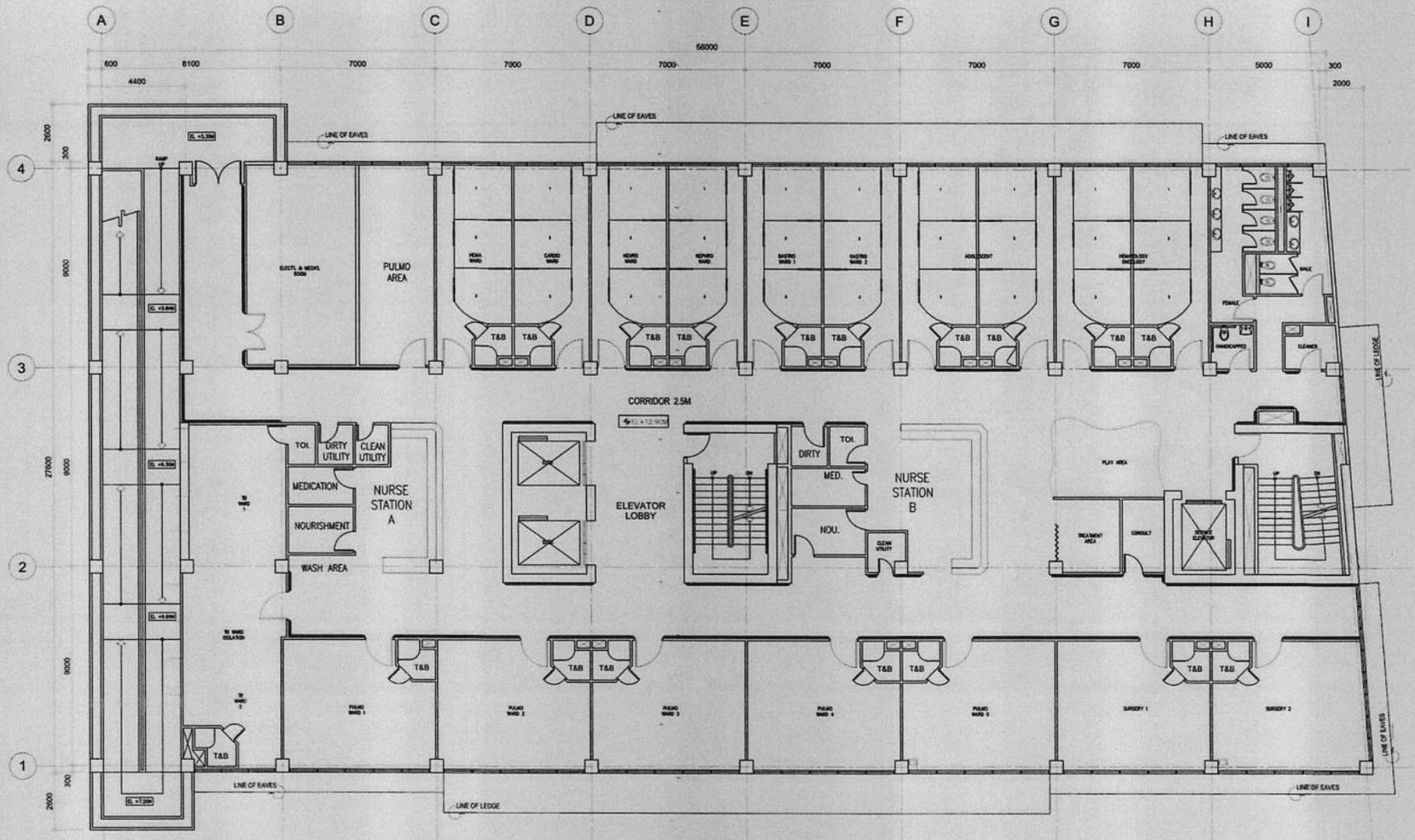

EXISTING FOURTH FLOOR PLAN

01 / A 10 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS ENGR. JOAN ROSELLON-PEREZ ENGR. ROMEO B. ARCEO	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING FOURTH FLOOR PLAN CADD: ECESTRADA	SHEET NO. : A 10 | 39

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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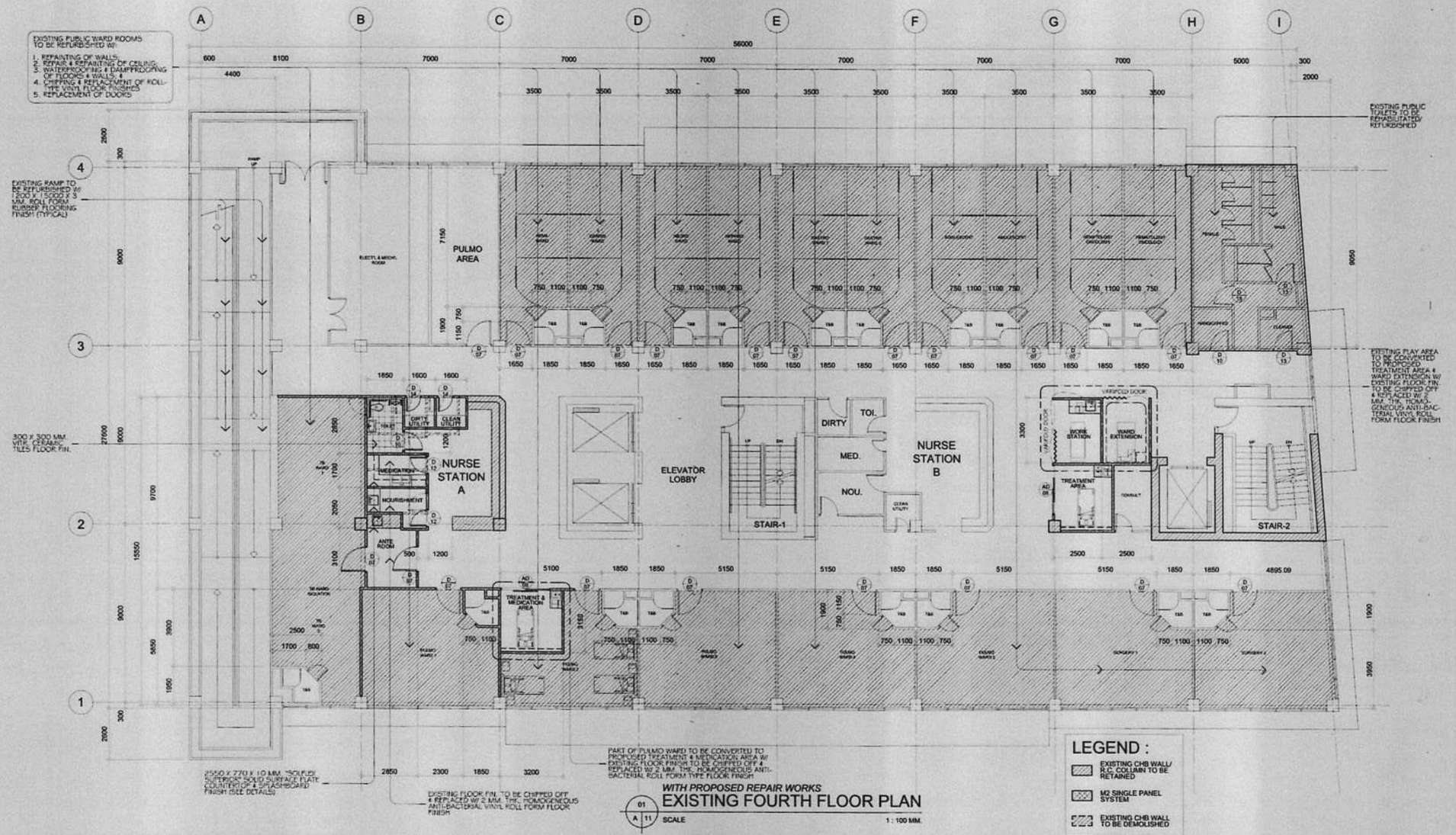

WITH PROPOSED REPAIR WORKS

EXISTING FOURTH FLOOR PLAN

01 / A 11 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JUANITO D. I PEREZ

ENGR. ROMEO E. ARCEO

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. SEUDENCIO
CHIEF, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
D.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING FOURTH FLOOR PLAN W/ PROPOSED REPAIR WORKS

CADD: ECESTRADA

SHEET NO. :

A
11 | 39

IMPORTANT NOTES :

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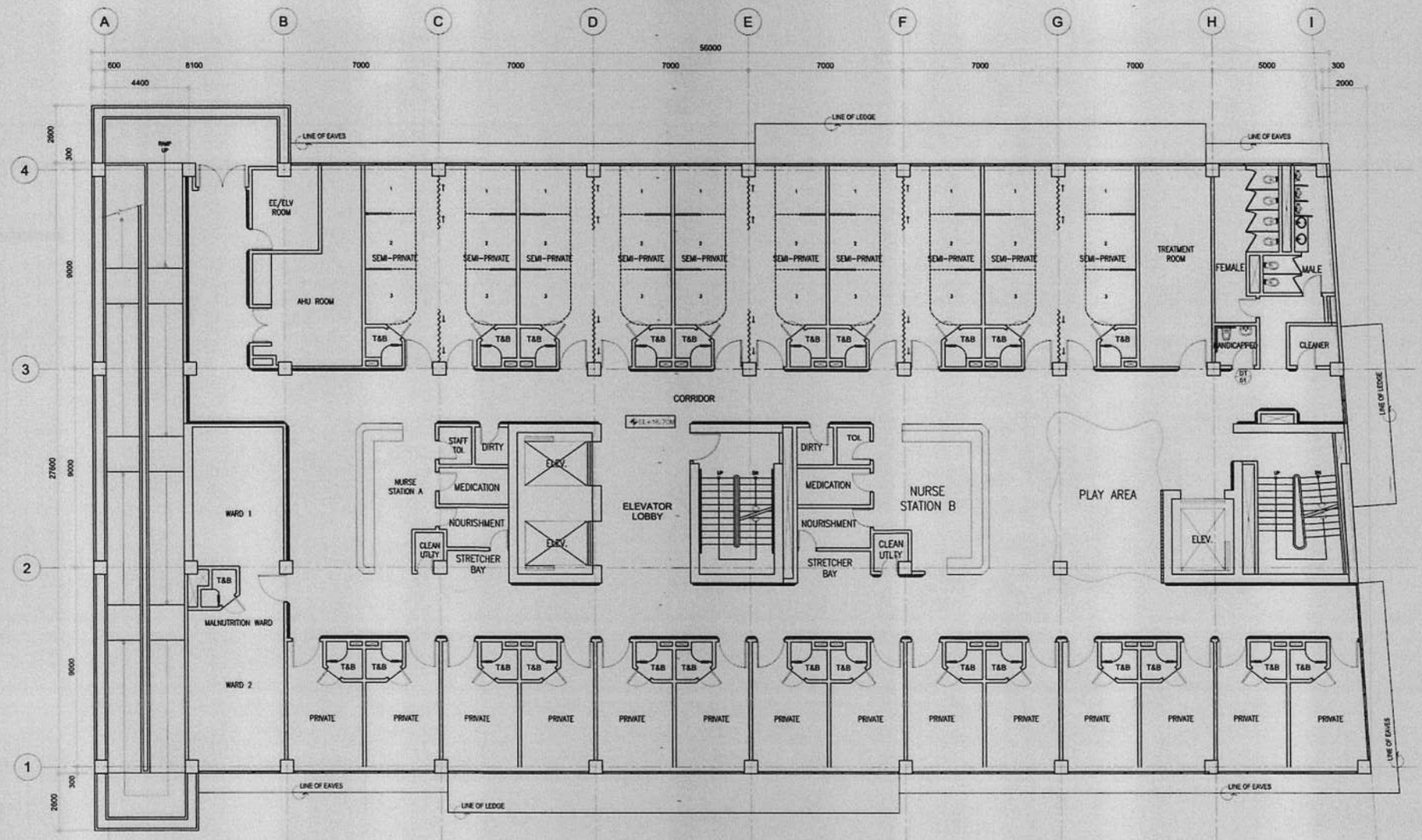

EXISTING FIFTH FLOOR PLAN

01 / A 12 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. [illegible] V. RANESES ENGR. JUAN [illegible] PEREZ ENGR. ROMEO B. ARCEO	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRODENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING FIFTH FLOOR PLAN CADD: ECESTRADA	SHEET NO. : A 12 / 39

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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ADDITIONAL NOTES:

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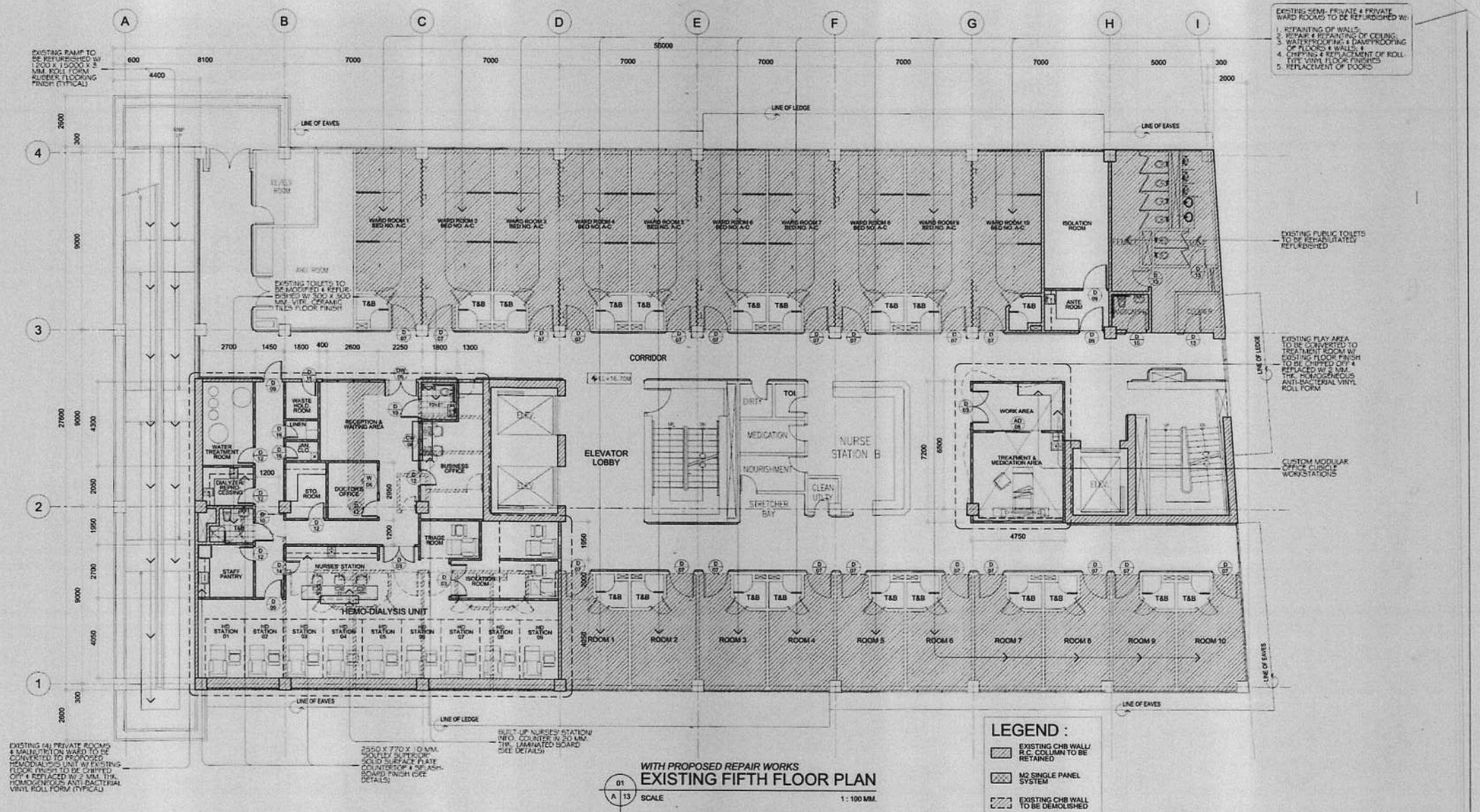


WITH PROPOSED REPAIR WORKS

EXISTING FIFTH FLOOR PLAN

01 / A 13 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISIDRO V. RAÑESES
PROJECT MANAGER
ENGR. JOSE ROGELIO I. PEREZ
PROJECT MANAGER
ENGR. ROMEO E. ARCEO
PROJECT MANAGER

RECOMMENDING APPROVAL :
ENGR. MARIA CRISTINA G. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

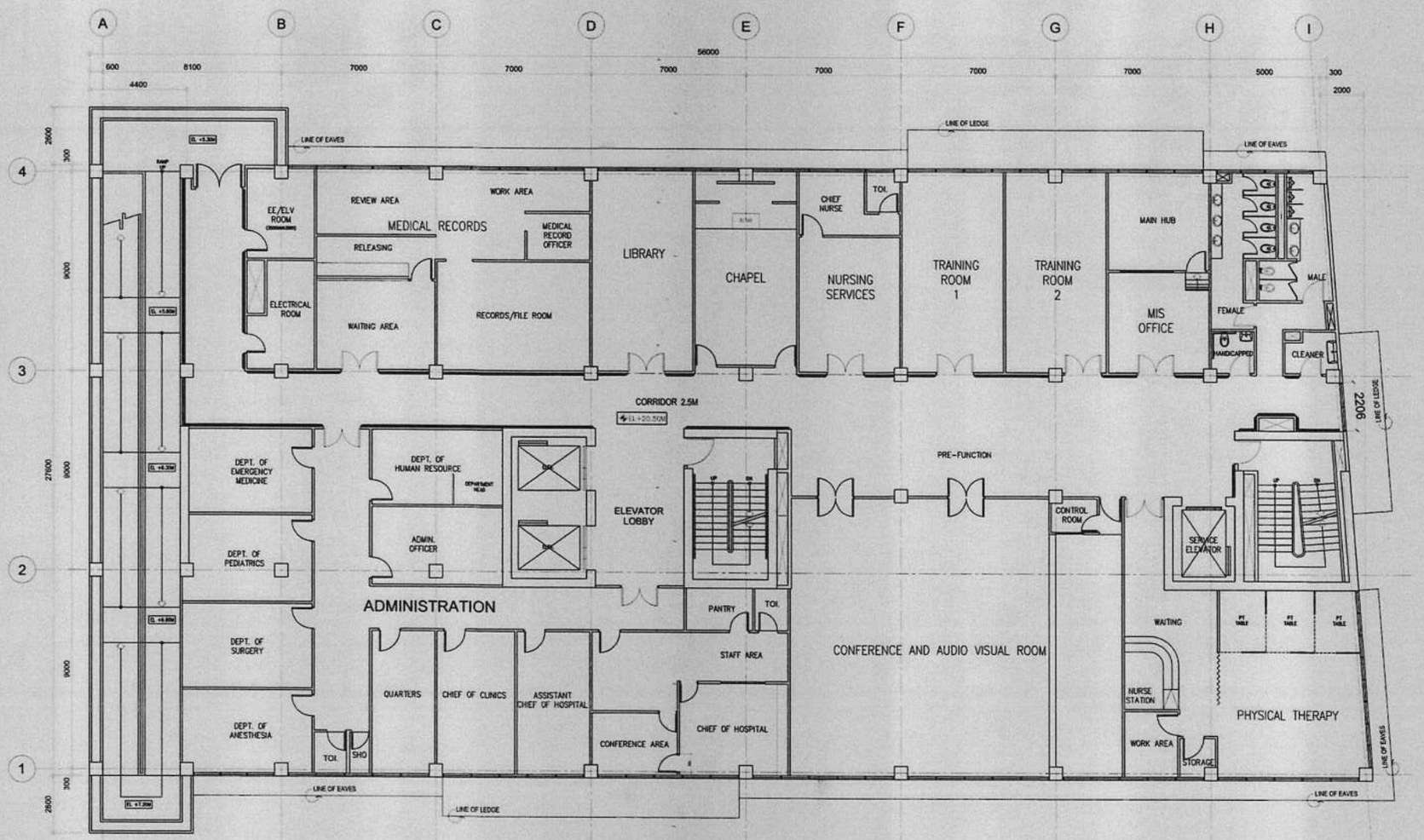
SHEET CONTENTS :
EXISTING FIFTH FLOOR PLAN W/ PROPOSED REPAIR WORKS

SHEET NO. : A 13 39

CADD: ECESTRADA

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN-CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



01 / A 14 EXISTING SIXTH FLOOR PLAN

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISROEL N. RAÑESES
CHIEF, STRUCTURAL PROJECTS
ENGR. JUAN ROQUE O. PEREZ
ENGR. ROMEO B. ARCEO

RECOMMENDING APPROVAL :
ENGR. [illegible] PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING SIXTH FLOOR PLAN
CADD: ECESTRADA

SHEET NO. : A 14 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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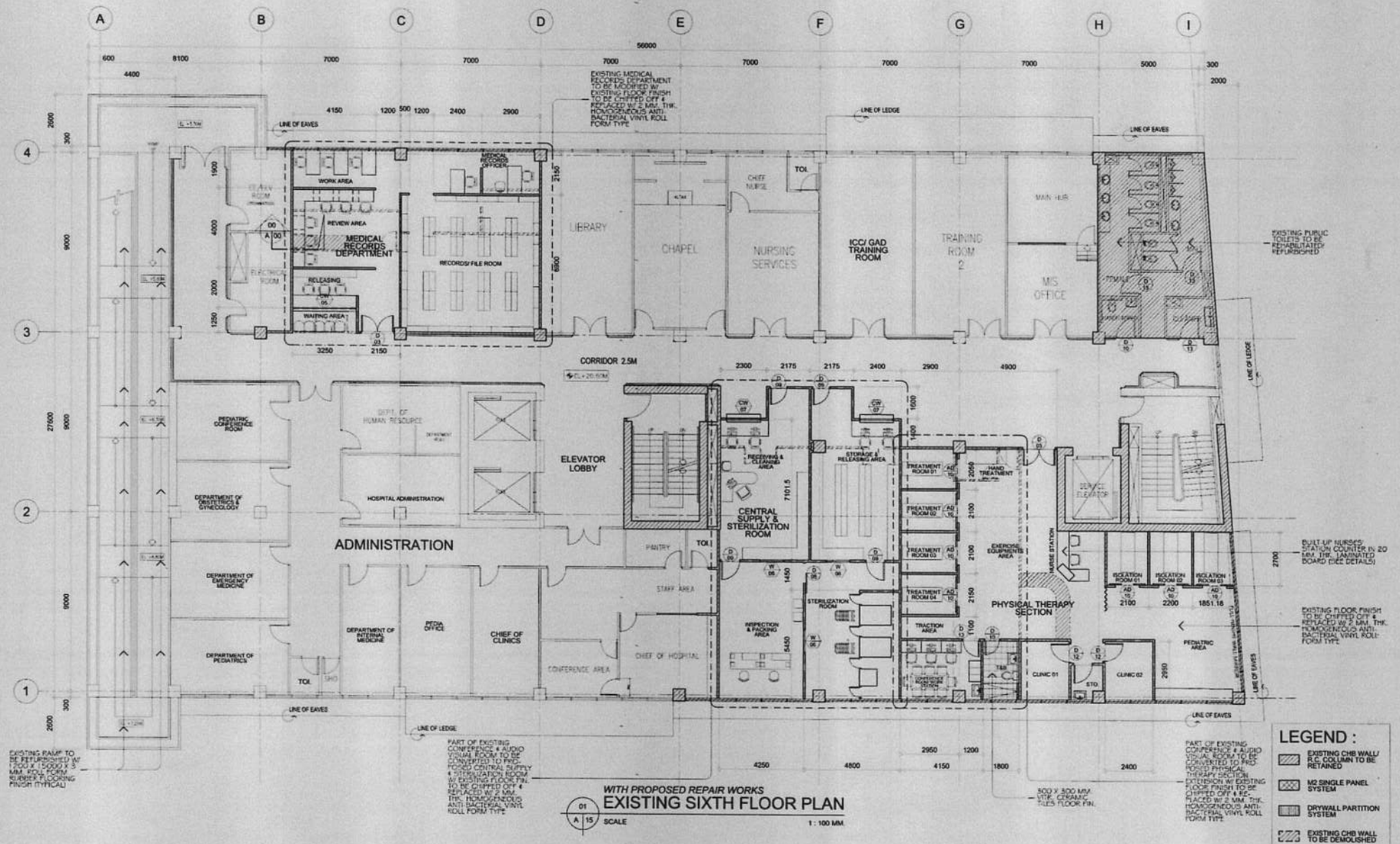
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES :
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



WITH PROPOSED REPAIR WORKS

EXISTING SIXTH FLOOR PLAN

01 / A 15 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. EDMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. SHIRLEY V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JOHN ROBERT L. PEREZ
PROJECT IN-CHARGE

ENGR. ROMEO B. ARCEO
PROJECT IN-CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING SIXTH FLOOR PLAN W/ PROPOSED REPAIR WORKS

CADD: ECESTRADA

SHEET NO. : A 15 / 39

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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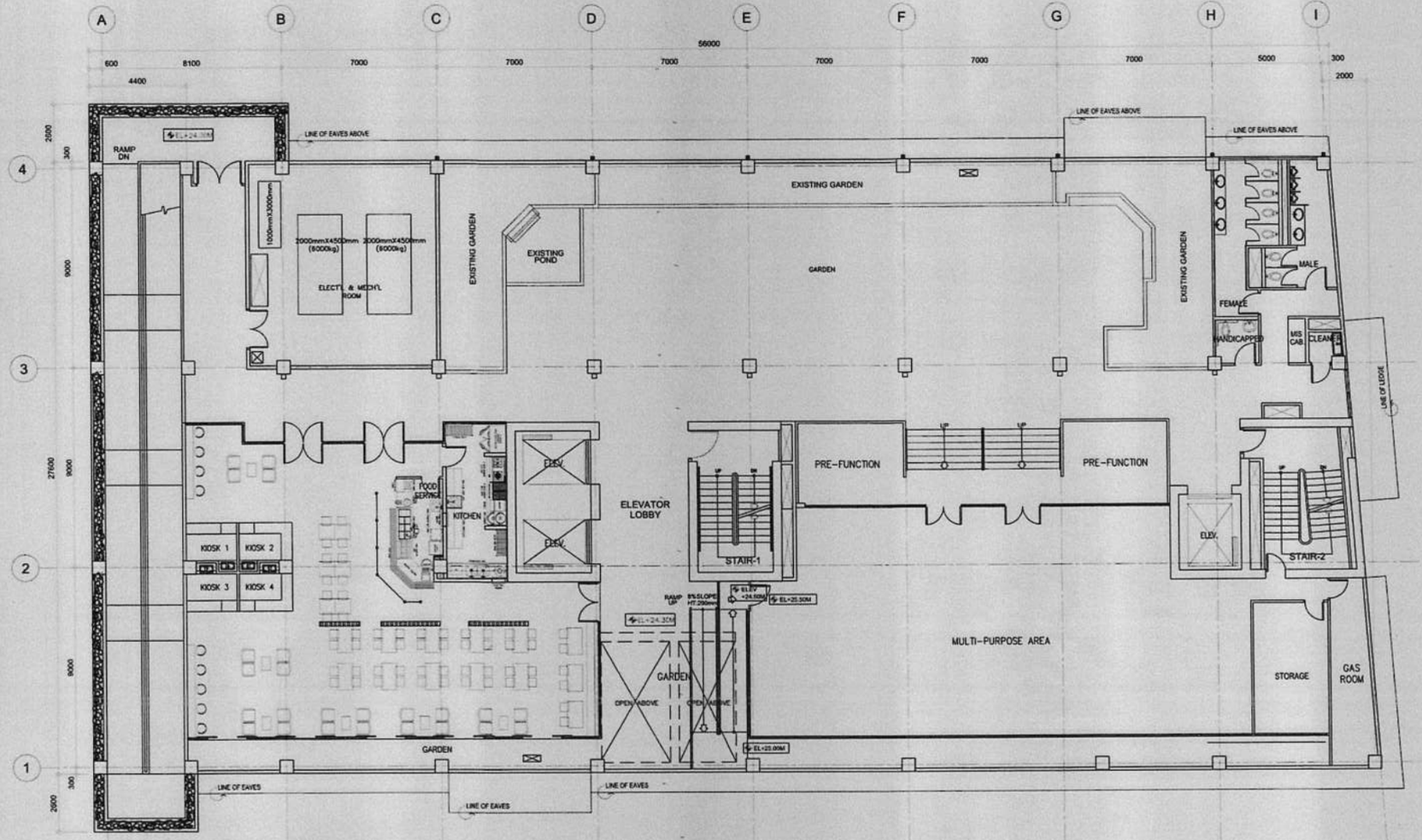
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



01 / A 17 **EXISTING LOWER ROOF DECK FLOOR PLAN**

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEAV. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISROEL V. RAÑESES
CHIEF, STRUCTURAL PROJECTS
ENGR. JOHN RICHARD DJ. PEREZ
PROJECT ENGINEER
ENGR. ROMEO B. ARDEO
ENGINEER IN CHARGE

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING LOWER ROOF DECK FLOOR PLAN
CADD: ECESTRADA

SHEET NO. : A 16 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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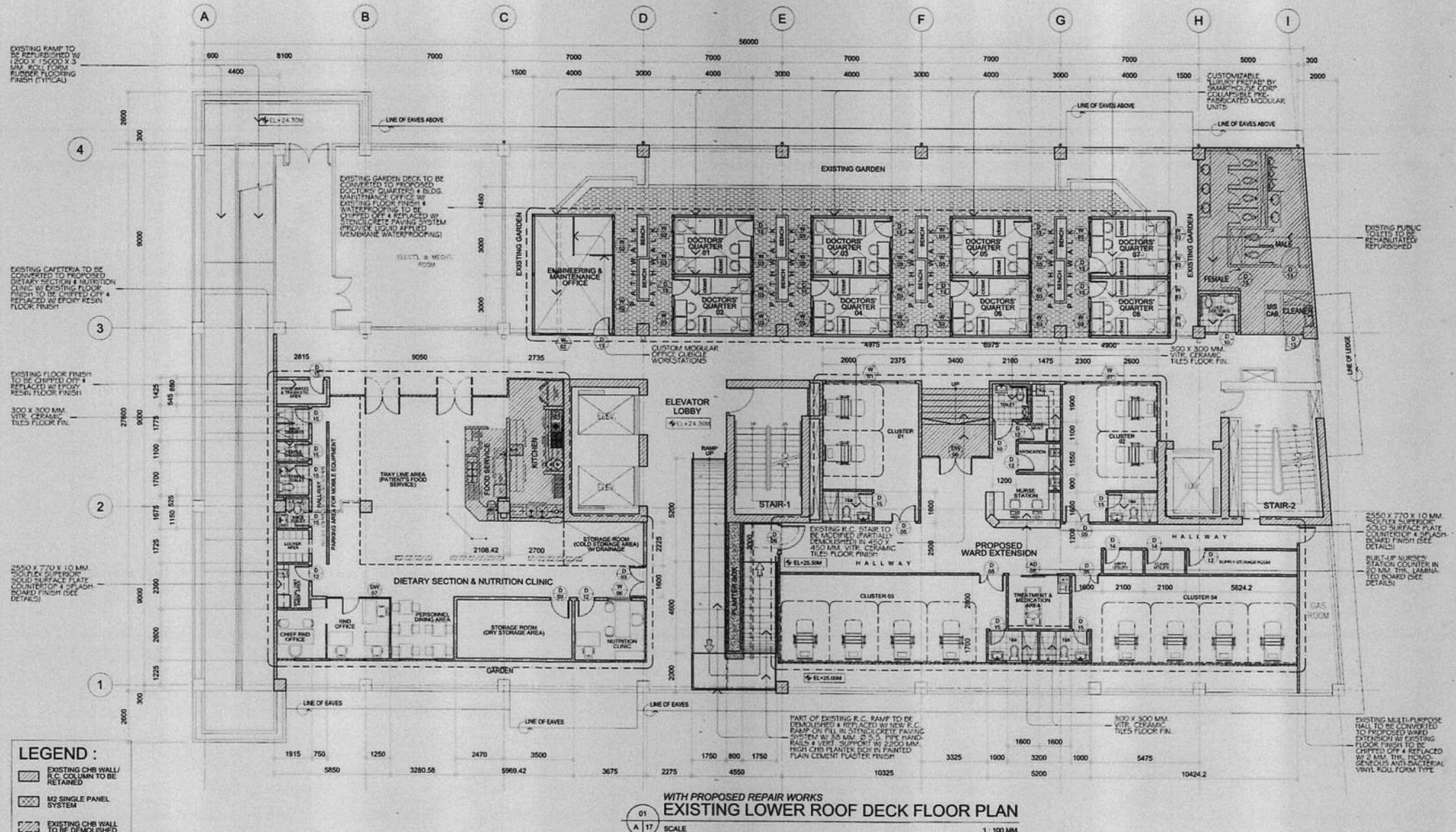
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES :
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



WITH PROPOSED REPAIR WORKS

EXISTING LOWER ROOF DECK FLOOR PLAN

01 / A 17 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEAH V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. FANESES
CHIEF, VERTICAL PROJECTS
ENGR. JUAN MIGUEL T. PEREZ
ENGR. ROMEO S. ARCEO

RECOMMENDING APPROVAL :
ENGR. LOUIE B. PRUDENCIO
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING LOWER ROOF DECK FLOOR PLAN W/ PROPOSED REPAIR WORKS
CADD: ECESTRADA

SHEET NO. : A 17 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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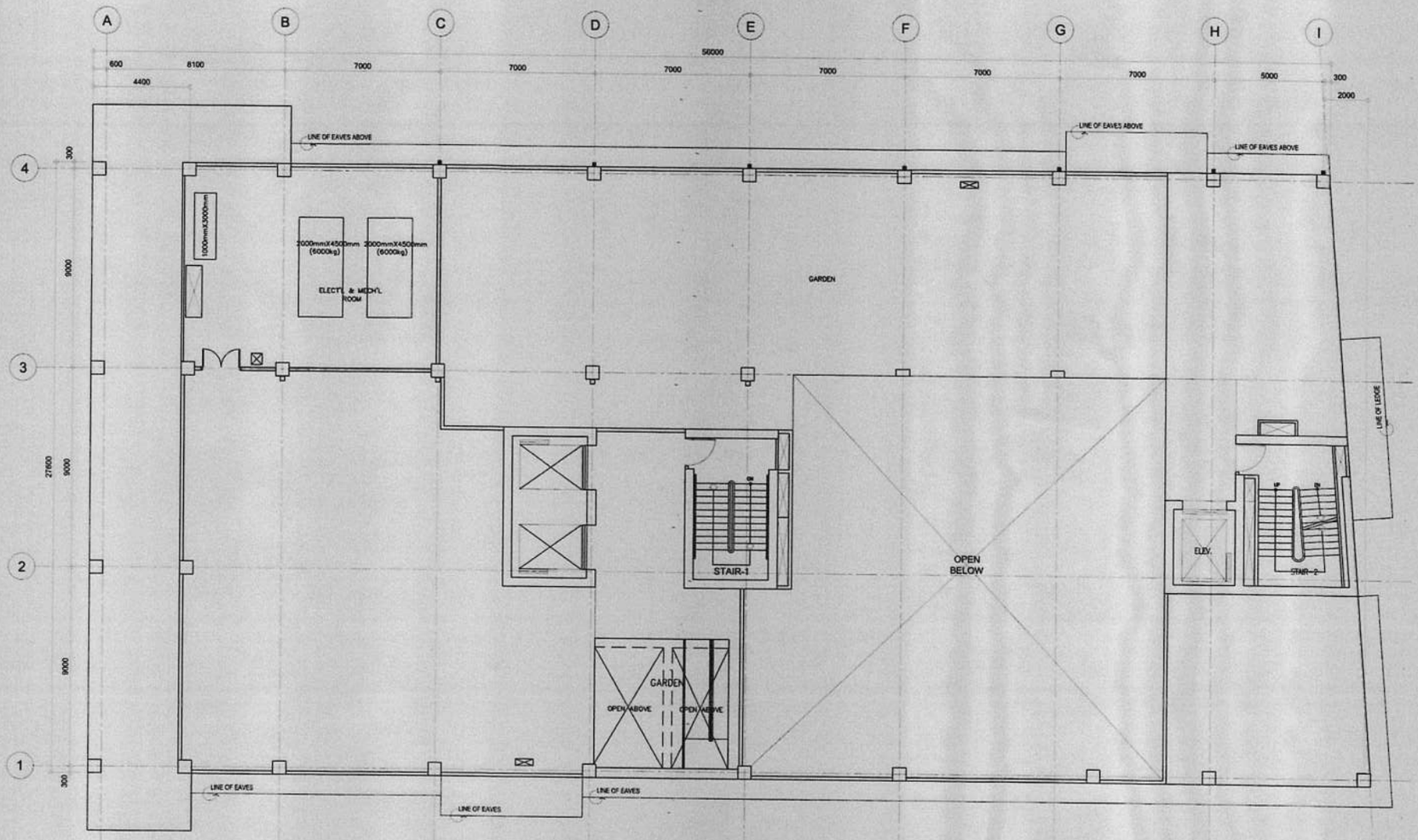

01
A 18 EXISTING UPPER ROOF DECK FLOOR PLAN

SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER E. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL S. RANESES
PROJECT MANAGER

ENGR. JUAN DOCDOT. PEREZ
PROJECT MANAGER

ENGR. ROMEO S. ARCEO
PROJECT MANAGER

RECOMMENDING APPROVAL :

ENGR. [illegible] B. PRUDENCIO
ASST. DIV. HEAD, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING UPPER ROOF DECK FLOOR PLAN

CADD: ECESTRADA

SHEET NO. :

A
18 39

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

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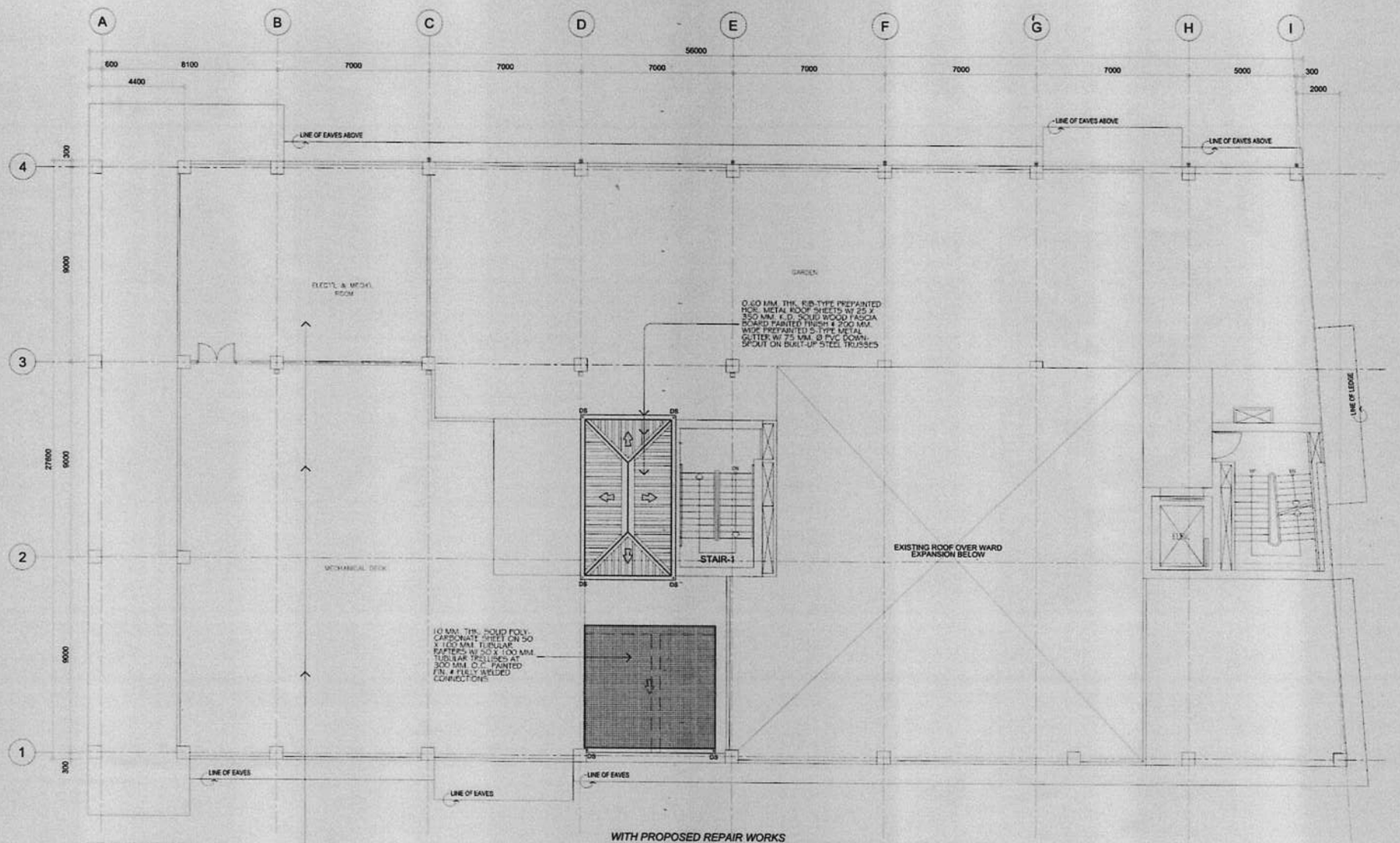

WITH PROPOSED REPAIR WORKS

EXISTING UPPER ROOF DECK FLOOR PLAN

01 / A 19 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. JOSEPH V. RANESES CHIEF, VERTICAL PROJECTS ENGR. [illegible] ENGR. ROMEO B. AMOJO	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO HEAD, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING UPPER ROOF DECK FLOOR PLAN W/ PROPOSED REPAIR WORKS CADD: ECESTRADA	SHEET NO. : A 19 39

IMPORTANT NOTES :

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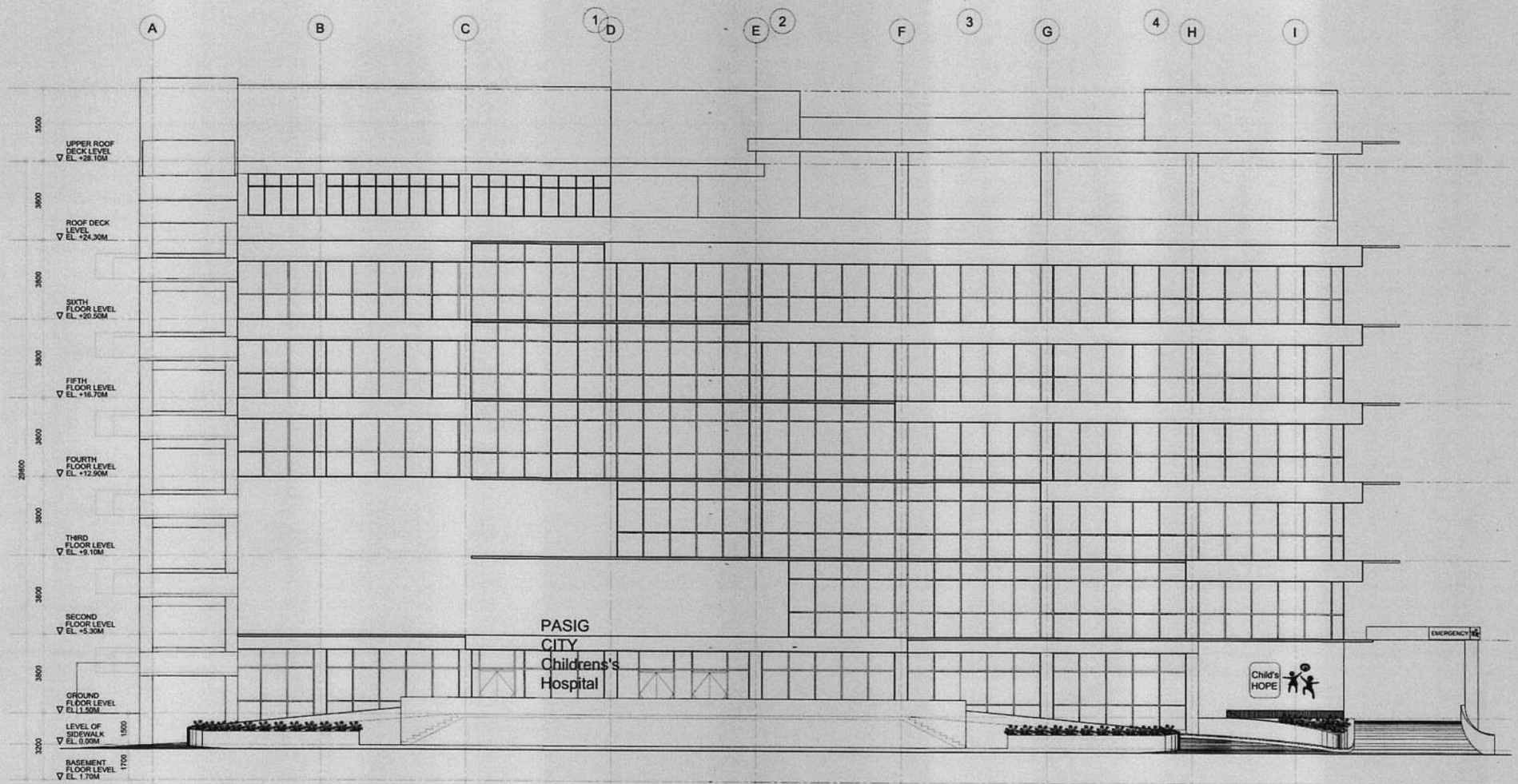

01 / A 20 FRONT ELEVATION

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RANESES
CHIEF, VERTICAL PROJECTS

ENGR. [illegible] PEREZ
PROJECT ENGINEER

ENGR. ROMEO B. ARCEO
PROJECT ENGINEER V

RECOMMENDING APPROVAL :

ENGR. [illegible] PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : FRONT ELEVATION

CADD: ECESTRADA

SHEET NO. : A 20 39

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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ADDITIONAL NOTES:

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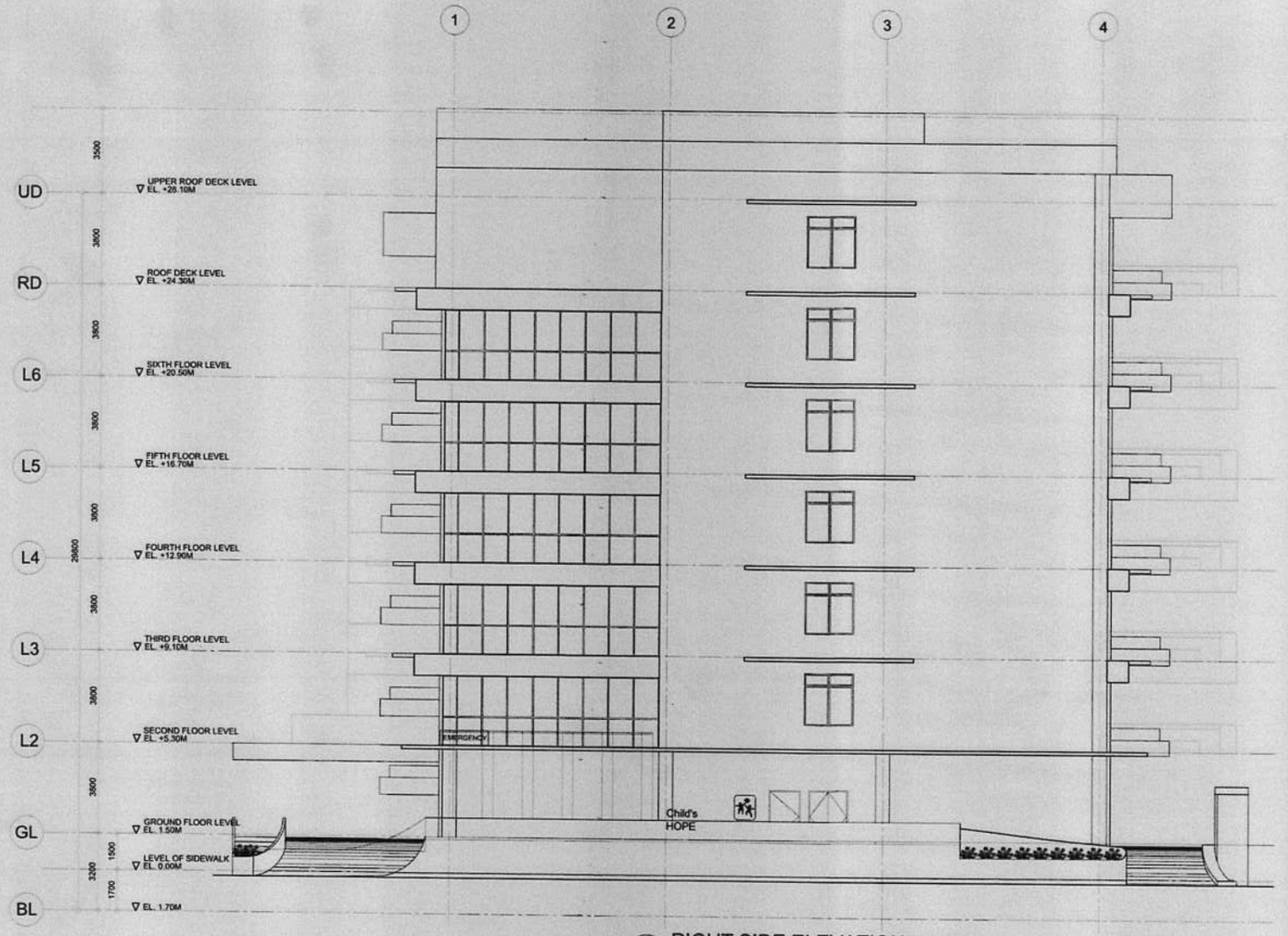
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



01 / A / 21 RIGHT SIDE ELEVATION

SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA CDR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JUAN [illegible] PEREZ
PROJECT MANAGER

ENGR. ROMEO S. ARCEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible]
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

RIGHT SIDE ELEVATION

CADD: ECESTRADA

SHEET NO. : A 21 39

IMPORTANT NOTES

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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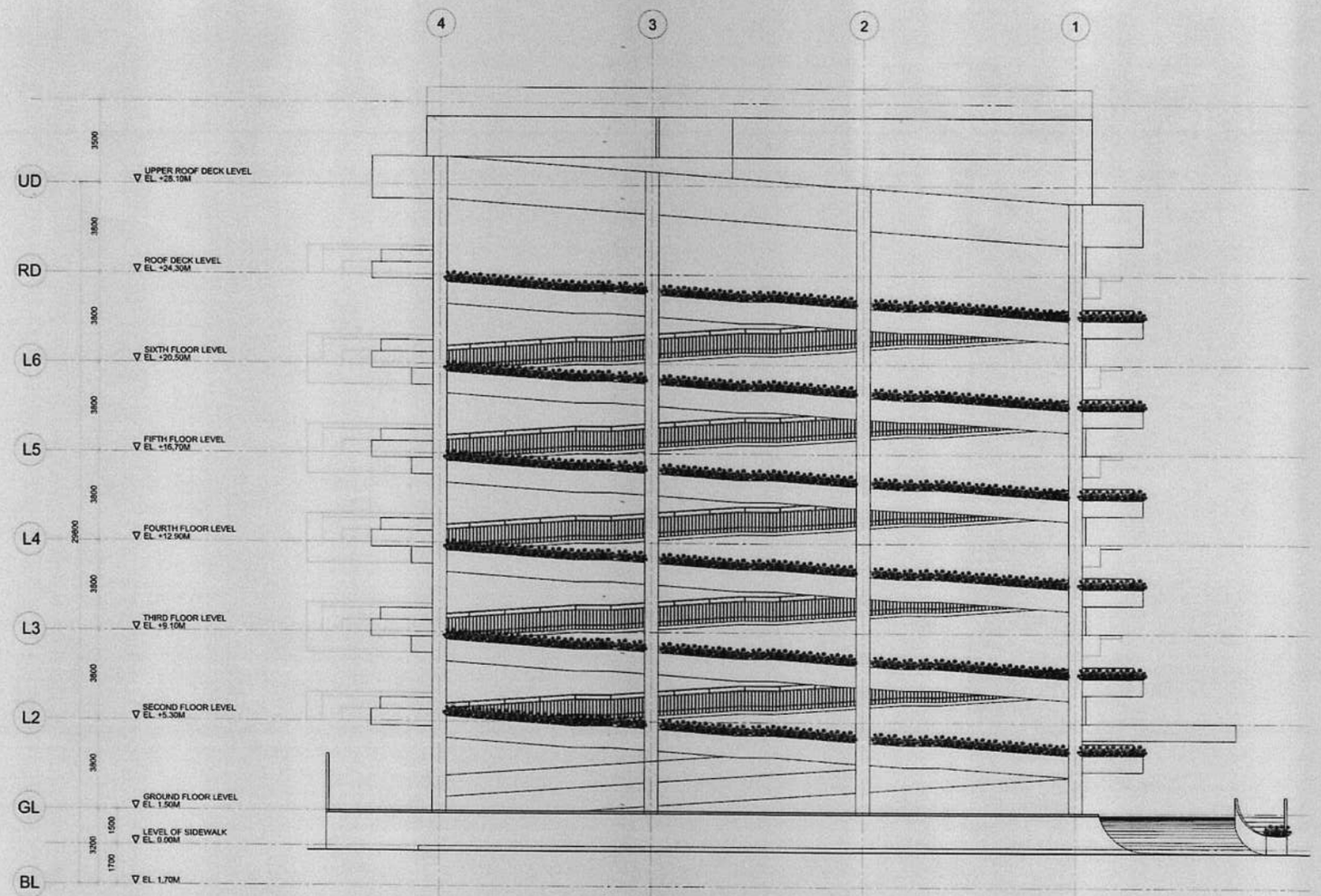


01 / A 22 LEFT SIDE ELEVATION

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JUAN MIGUEL J. PEREZ
PROJECT ENGINEER

ENGR. ROMEO S. ARCEO
PROJECT INCHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] PRUDENCIO
HEAD, PROJECT DEVELOPMENT, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : LEFT SIDE ELEVATION

SHEET NO. : A 22 39

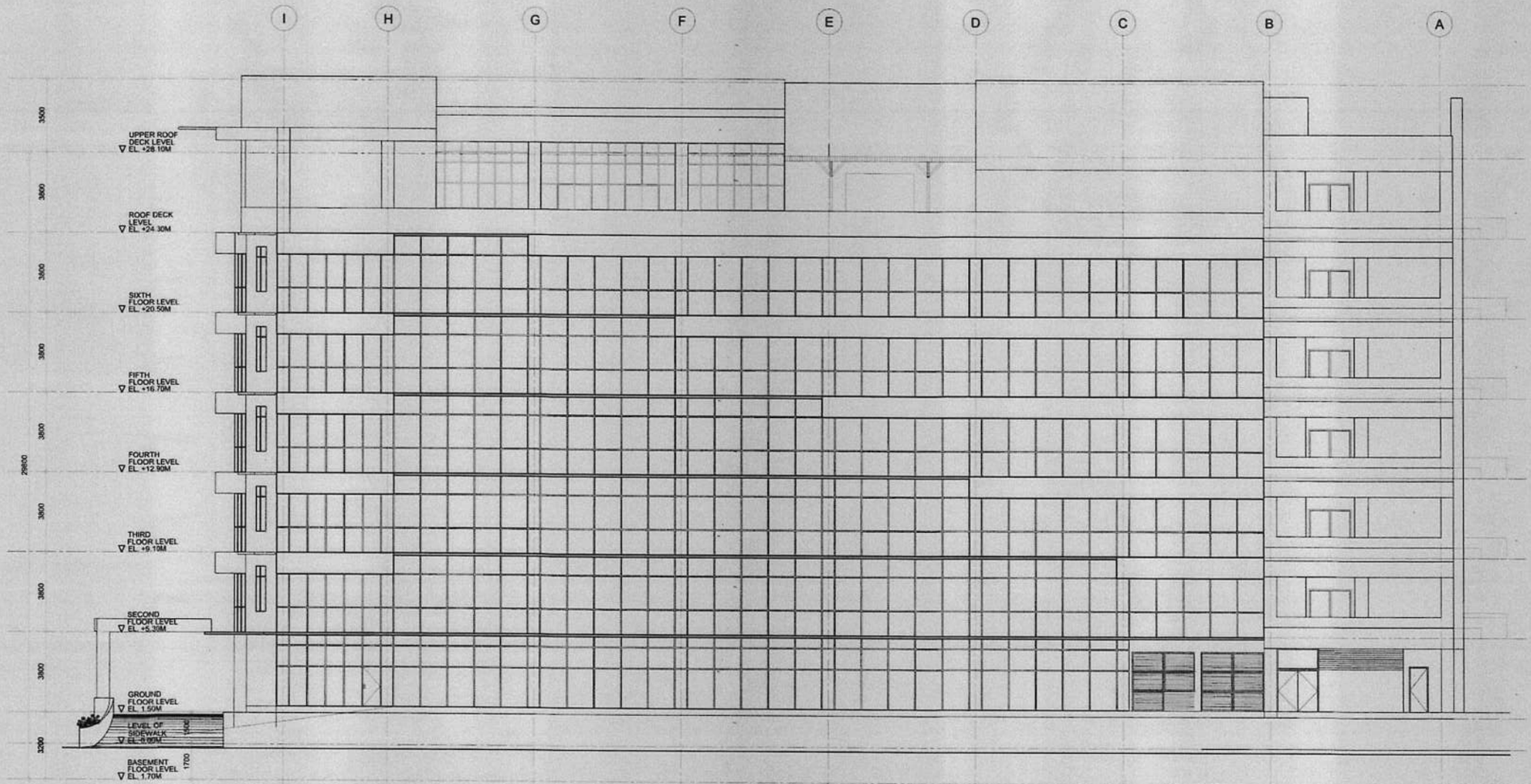
CADD: ECESTRADA

IMPORTANT NOTES

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



01 / A 23 REAR ELEVATION

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL T. RANESES
CHIEF, VERTICAL PROJECTS

ENGR. SYLVESTER O. PEREZ
PROJECT OFFICER

ENGR. ROMEO B. ARCEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] D. PRUDENCIO
[illegible] PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : REAR ELEVATION

CADD: ECESTRADA

SHEET NO. : A 23 | 39

IMPORTANT NOTES :

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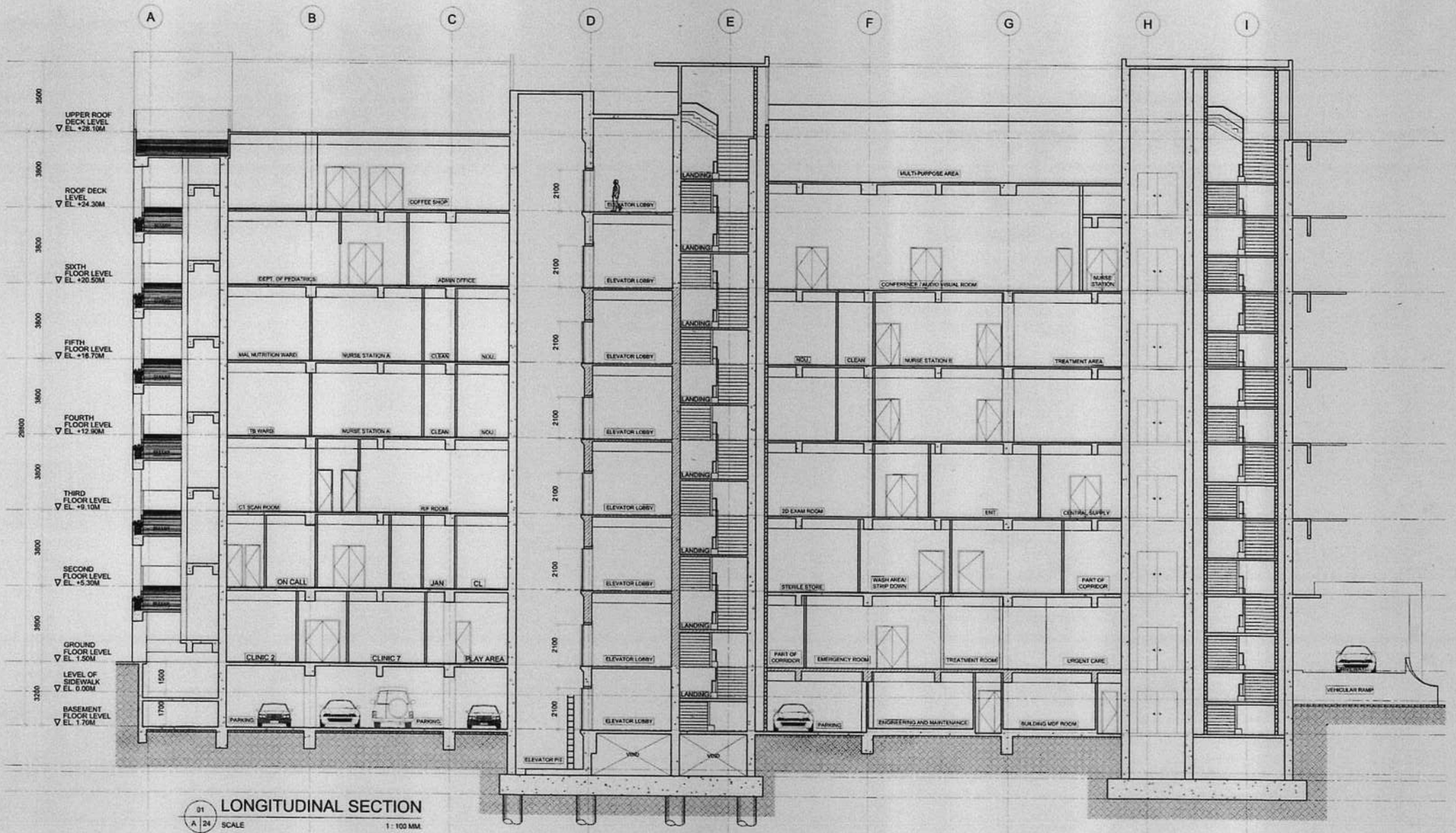

01 / A 24 **LONGITUDINAL SECTION**

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JOAN ROCELLO I. PEREZ
PROJECT MANAGER

ENGR. ROMEO S. ARCEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] E. PRUDENCIO
ASST. CHIEF, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : LONGITUDINAL SECTION

SHEET NO. : A 24 39

CADD: ECESTRADA

IMPORTANT NOTES:

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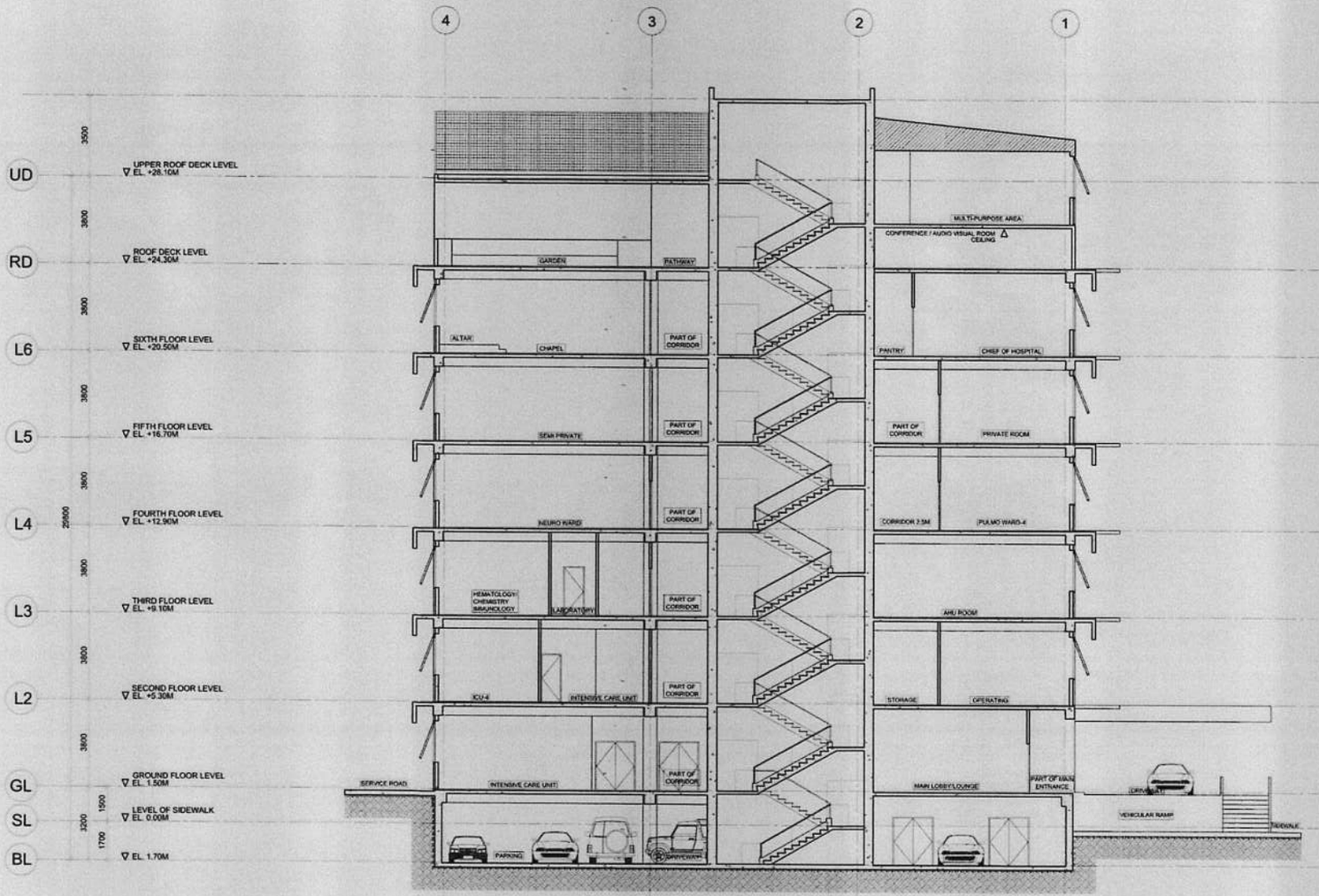

01 / A 25 CROSS SECTION

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS ENGR. JOSE [illegible] PEREZ PROJECT ENGINEER ENGR. ROMEO B. ARCEO PROJECT ENGINEER	RECOMMENDING APPROVAL : ENGR. [illegible] PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : CROSS SECTION CADD: ECESTRADA	SHEET NO. : A 25 39

IMPORTANT NOTES :

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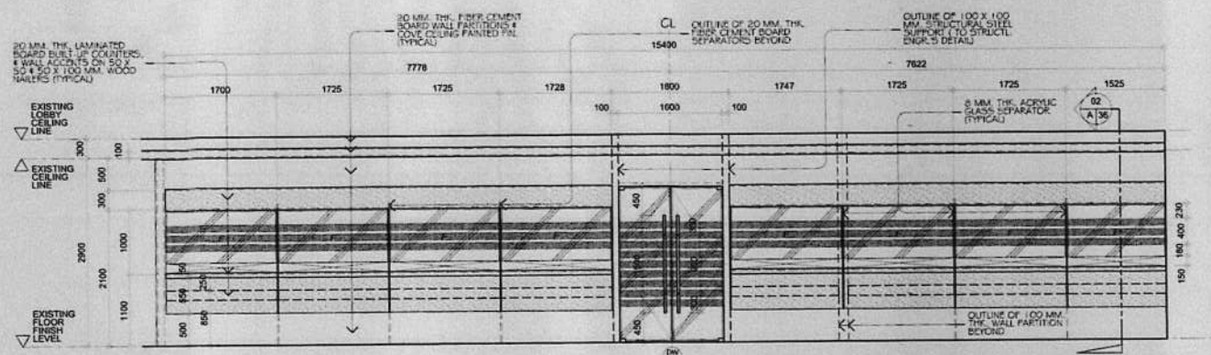
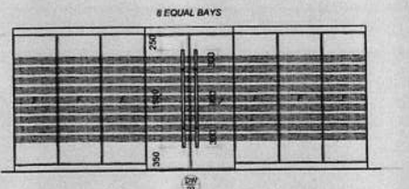
SCHEDULE OF DOORS

01 / A 26 SCALE 1 : 40 MM.



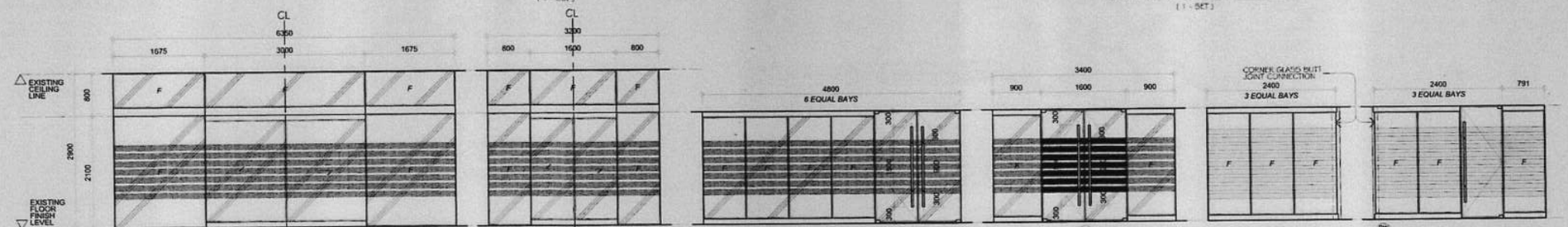
10 MM. THK. CLEAR GLASS DOUBLE SWING TYPE DOOR W/ FIXED SIDE GLASS TRANSACTION WINDOW PANELS W/ 100 MM. WIDE GLASS FILM STRIPS AT 150 MM. O.C. & 38 MM. Ø ON POWDER COATED EXTRUDED ALUMINUM FRAMES (PROVIDE COMPLETE LOCK SETS & ACCESSORIES)

(1 - SET)



12 MM. THK. CLEAR GLASS SHOP FRONT DOUBLE SLIDING TYPE DOOR W/ FIXED SIDE GLASS PANELS W/ 100 MM. WIDE GLASS FILM STRIPS AT 150 MM. O.C. & 38 MM. Ø S.S. PIPE GRAB HANDLES ON POWDER COATED EXTRUDED ALUMINUM FRAMES (PROVIDE COMPLETE LOCK SETS & ACCESSORIES)

(1 - SET)



12 MM. THK. CLEAR GLASS DOUBLE SLIDING AUTOMATIC SENSOR TYPE DOOR W/ FIXED SIDE GLASS PANELS W/ 100 MM. WIDE GLASS FILM STRIPS AT 150 MM. O.C. & 38 MM. Ø ON POWDER COATED EXTRUDED ALUMINUM FRAMES (PROVIDE COMPLETE LOCK SETS & ACCESSORIES)

(1 - SET)

SEE DW-01 DOUBLE SLIDING AUTOMATIC SENSOR TYPE GLASS DOOR

(1 - SET)

SEE DW-02 DOUBLE SWING DOOR TYPE

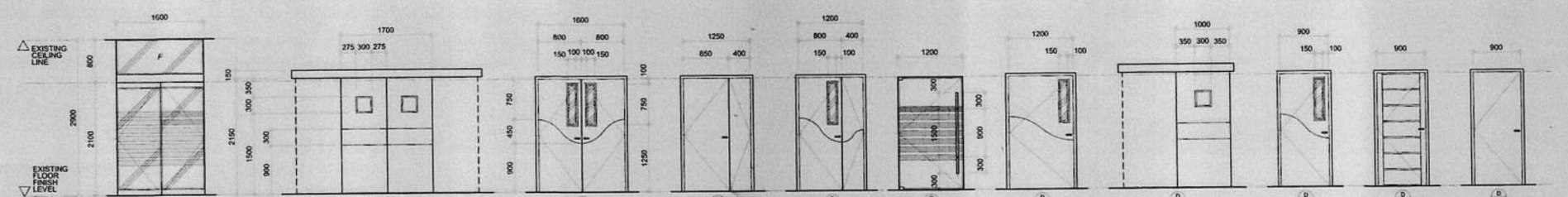
(1 - SET)

SEE DW-02 DOUBLE SWING DOOR TYPE

(1 - SET)

12 MM. THK. CLEAR GLASS SHOP FRONT SWING TYPE DOOR W/ FIXED SIDE & CORNER (BUTT JOINTED) GLASS PANELS W/ 100 MM. WIDE GLASS FILM STRIPS AT 150 MM. O.C. & 38 MM. Ø S.S. PIPE GRAB HANDLES ON POWDER COATED EXTRUDED ALUMINUM FRAMES ON 50 X 50 X 6 MM. ANGULAR STRUCTURAL STRUTS (PROVIDE COMPLETE LOCK SETS & SELF CLOSING MECHANISMS)

(1 - SET)



SEE DW-01 DOUBLE SWING AUTOMATIC SENSOR TYPE GLASS DOOR

(1 - SET)

50 MM. THK. STAINLESS STEEL HERMETIC DOUBLE SLIDING TYPE DOOR W/ AUTOMATIC SENSOR MECHANISM & ANTI-BACTERIAL COMPONENTS

(5 - SETS)

12 MM. SOLID WOOD DOUBLE SWING TYPE DOOR W/ LAMINATED BOARD FRIGHT W/ 6 MM. THK. FROSTED GLASS VIEW WINDOW & 50 MM. THK. UPS INSULATION (PROVIDE COMPLETE LOCK SETS & SELF CLOSING MECHANISMS)

(10 - SETS)

40 MM. THK. STAINLESS STEEL HERMETIC DOUBLE SWING TYPE ANTI-BACTERIAL COMPONENTS (PROVIDE COMPLETE ACCESSORIES & SELF CLOSING MECHANISM)

(5 - SETS)

SEE D-03 DOUBLE SWING DOOR

(12 - SETS)

SEE DW-02 SWING TYPE DOOR

(1 - SET)

SEE D-03 SWING TYPE DOOR

(40 - SETS)

50 MM. THK. STAINLESS STEEL HERMETIC SLIDING TYPE DOOR W/ ANTI-BACTERIAL COMPONENTS

(1 - SET)

SEE D-03 SWING TYPE DOOR

(14 - SETS)

"METRO STYLE" STEEL SWING TYPE DOOR W/ EMBOSSED WOOD PANELS & GROOVE LINES (PROVIDE COMPLETE LOCK SETS & SELF CLOSING MECHANISMS)

(15 - SETS)

SEE D-04 SWING TYPE DOOR

(12 - SETS)

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISIDRO V. RARESES
CHIEF, VERTICAL PROJECTS

ENGR. JOAN ROSE LOT. PEREZ
PROJECT IN-CHARGE

ENGR. ROMEO S. ARGEO
PROJECT IN-CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE D. PRUDENCIO
CHIEF, DESIGN, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : SCHEDULE OF DOORS

CADD: ECESTRADA

SHEET NO. : A 26 39

IMPORTANT NOTES:

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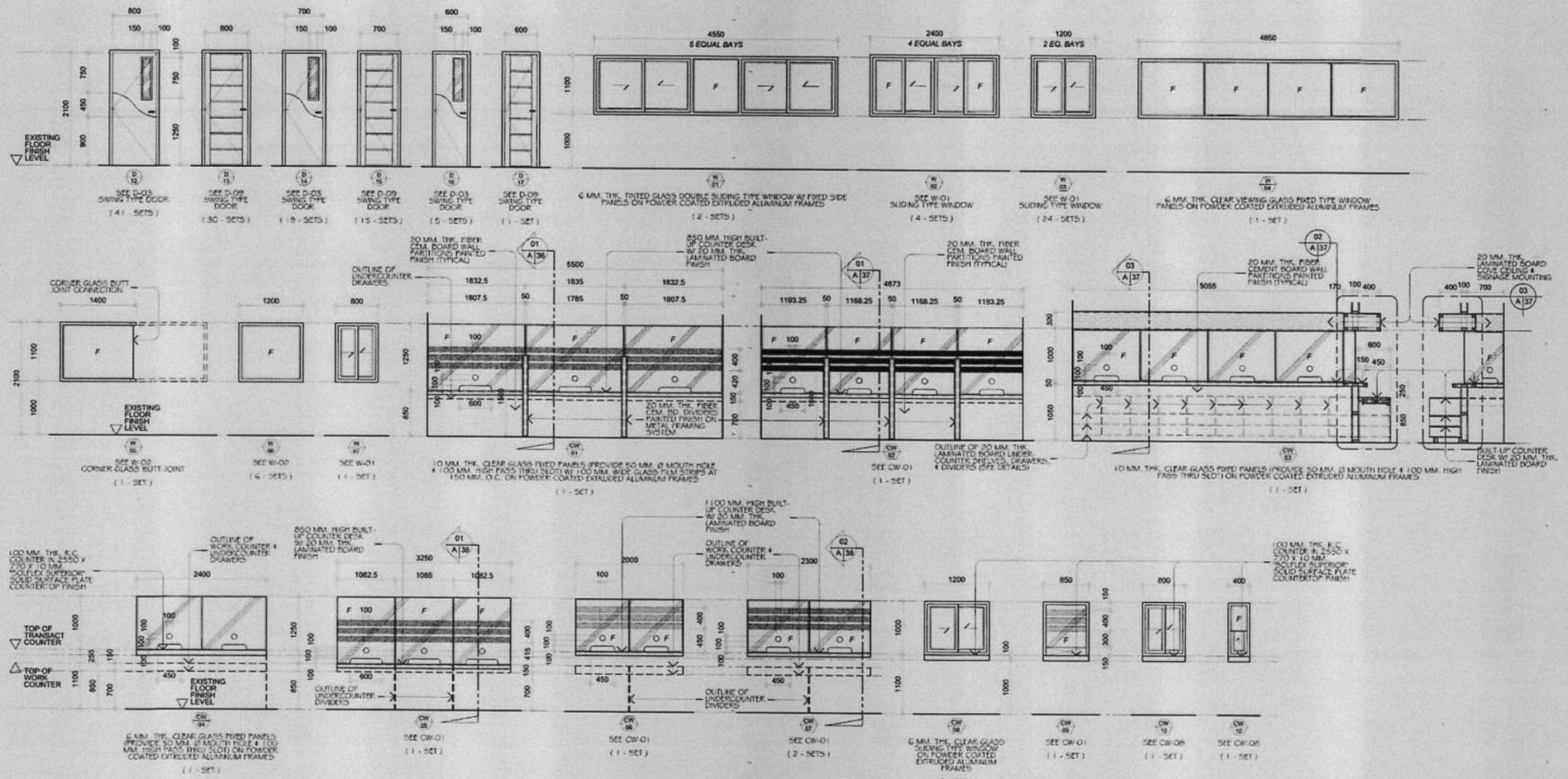

SCHEDULE OF DOORS & WINDOWS

SCALE 1 : 40 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEA V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. ELMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, TECHNICAL PROJECTS ENGR. JUAN ROMEO C. PEREZ ENGR. ROMEO B. ASCEO	RECOMMENDING APPROVAL : ENGR. [illegible] S. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : SCHEDULE OF DOORS & WINDOWS CADD: ECESTRADA	SHEET NO. : A 27 39

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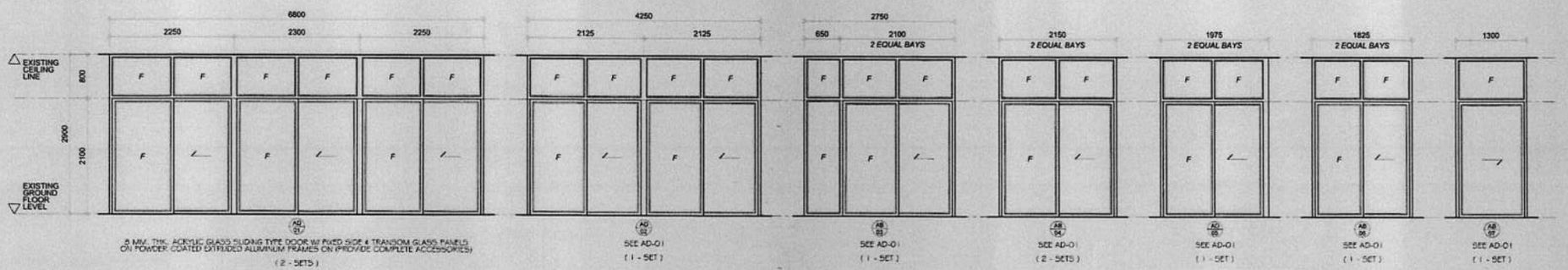
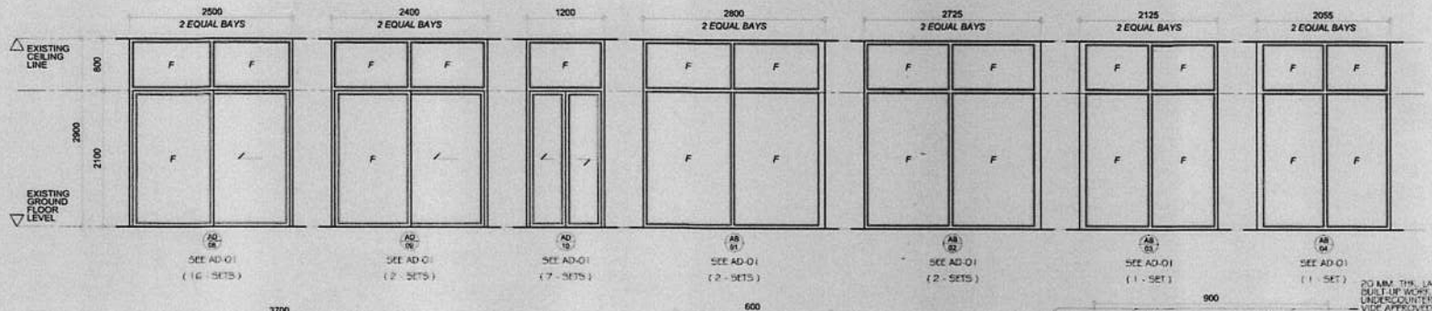
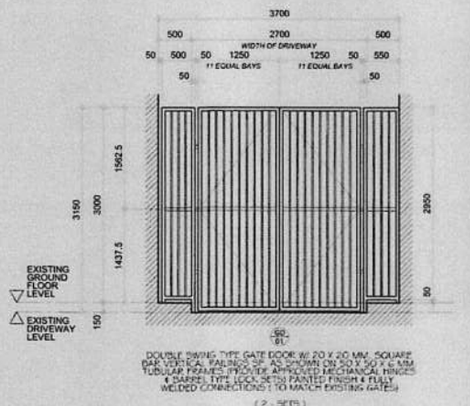
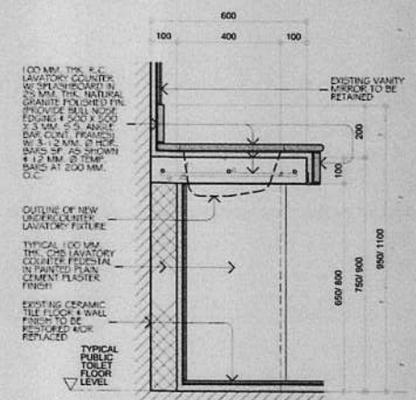




SCHEDULE OF ACRYLIC DOORS, BARRIERS, & GATES

01 / A 26 SCALE 1 : 40 MM.

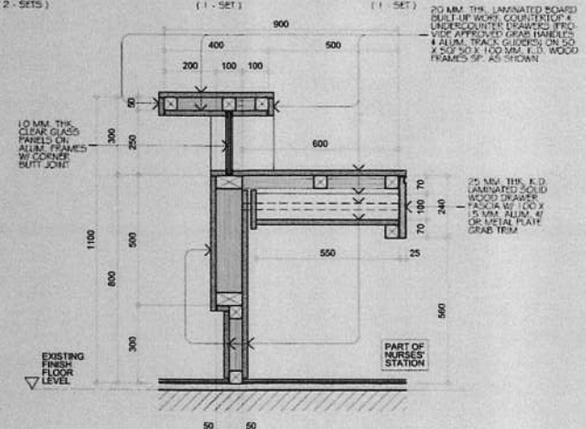




EXISTING PUBLIC TOILETS AT ALL FLOOR LEVELS

DETAIL SECTION OF NEW LAVATORY COUNTERTOP

02 / A 28 SCALE 1 : 10 M.



TYPICAL NURSES' STATION COUNTERS

DETAIL SECTION

03 / A 28 1 : 10 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	ARCHITECTURAL : ARCH. LEAN V. OLIVAR CHIEF, ARCHITECTURAL SECTION ARCH. EDMER C. ESTRADA ARCHITECT III	PROGRAMMING & CONSTRUCTION : ENGR. ISMAEL C. RANESES CHIEF, VERTICAL PROJECTS ENGR. JOAN JESSICA P. PEREZ PROJECT MANAGER ENGR. ROMEO S. ARCEO PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : SCHEDULE OF ACRYLIC DOORS, BARRIERS, & GATES DETAIL SECTIONS CADD: ECESTRADA	SHEET NO. : A 28 / 39

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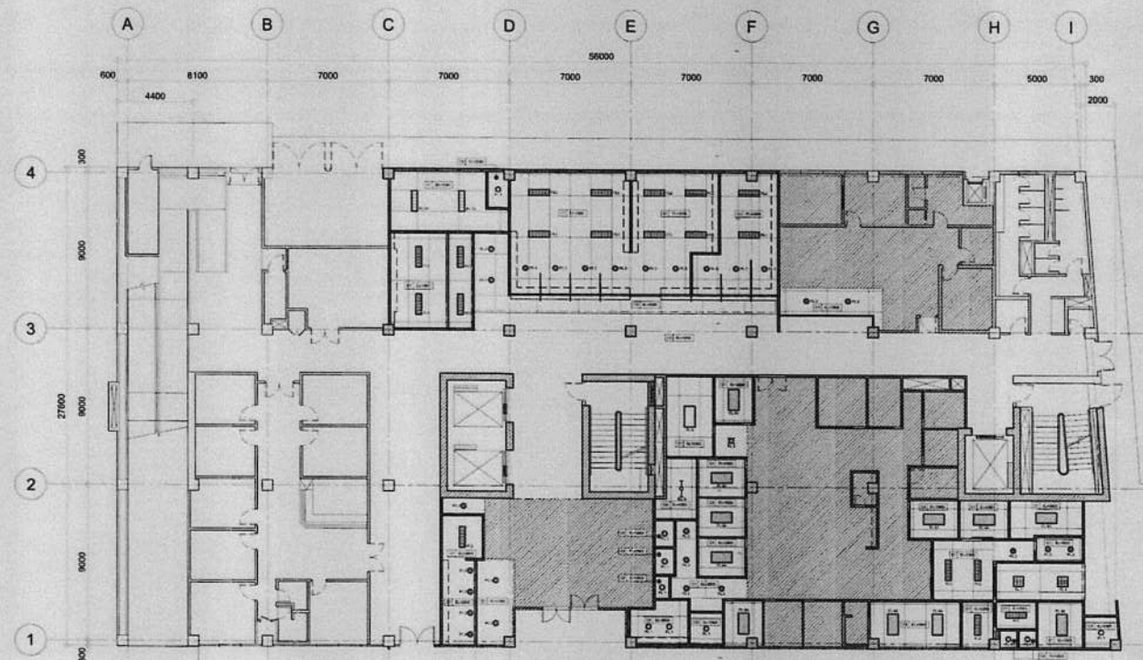


LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- DRYWALL PARTITION SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

LIGHTING LEGEND :

PL1	SURFACED/ RECESSED MOUNTED 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
PL2	FULLY RECESSED MOUNTED 300 X 1200 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (2 X 28W T5 COOL WHITE)
PL 2A	FULLY RECESSED MOUNTED (DIMMABLE BALLAST) 300 X 1200 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (2 X 28W T5 COOL WHITE)
PL3	FULLY RECESSED MOUNTED (DIMMABLE BALLAST) 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
PL 4A	FULLY RECESSED MOUNTED 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
PL1	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
PL2	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 18W CFL WARM DAYLIGHT)
PL3	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR, CLEAN ROOM TYPE W/ GLASS COVER (2 X 18W CFL WARM DAYLIGHT)
L150	SURFACE MOUNTED BATTEN LIGHTING FIXTURES (1 X 28W CFL T8 COOL WHITE)

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

01 / A 29 GROUND FLOOR REFLECTED CEILING PLAN

SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEAV. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISIDRO V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. JOAN ROCELYN I. PEREZ
PROJECT ENGINEER
ENGR. ROMEO S. ARIZO
PROJECT MONITOR

RECOMMENDING APPROVAL :
ENGR. [illegible] C. PRUDENCIO
HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

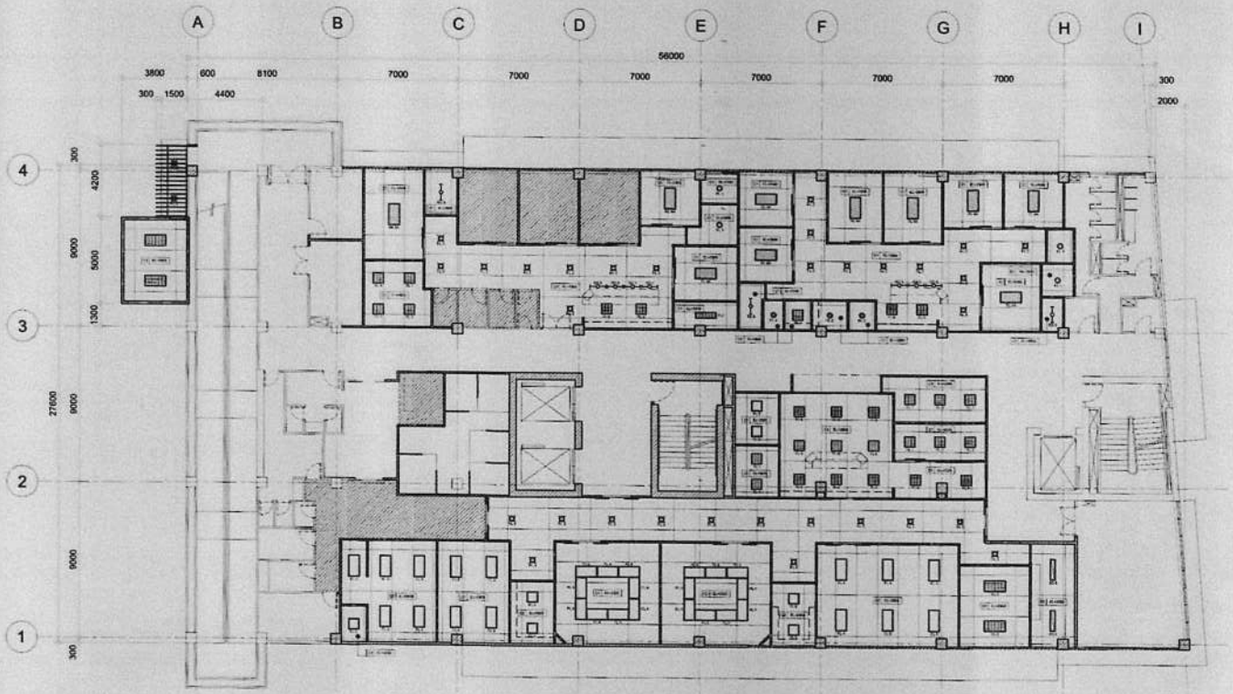
APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :
GROUND FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. :
A
29 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES :
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBMITTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

SECOND FLOOR REFLECTED CEILING PLAN

01 / A 30

SCALE 1 : 150 MM.

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

LIGHTING LEGEND :

- SURFACED/ RECESSED MOUNTED 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
- FULLY RECESSED MOUNTED 300 X 1200 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (2 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 1200 MM FIXTURES, LOW GLARE POLISHED ALUMINUM BODY FINISH (2 X 28W T5 WARM DAYLIGHT)
- FULLY RECESSED MOUNTED (DIMMABLE BALLAST) 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (4 X 14W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (3 X 14W T5 COOL WHITE)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR, CLEAN ROOM TYPE W/ GLASS COVER (2 X 18W CFL WARM DAYLIGHT)
- SURFACE/ SUSPENDED MOUNTED SEALED AGAINST DUST & WATER PENETRATION W/ POLYCARBONATE BODY & DIFFUSER, IP54 (2 X 28W T8 COOL WHITE)
- SURFACE MOUNTED BATTEN LIGHTING FIXTURES (1 X 28W CFL T8 COOL WHITE)

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. [illegible] RANESES
CHIEF, VERTICAL PROJECTS
ENGR. JOAN ROCES DEL PEREZ
ENGR. ROMEO S. ARCEO

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
HEAD, TECHNICAL PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

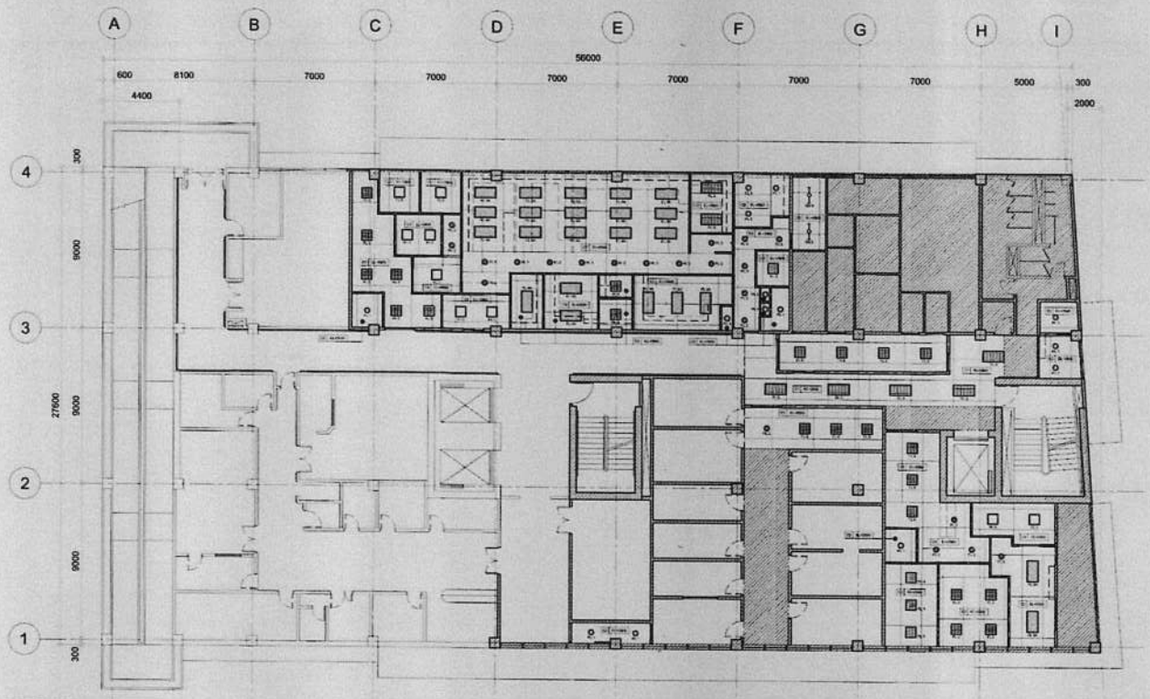
APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : SECOND FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. : A 30 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES :
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LIGHTING LEGEND :

	SURFACED/ RECESSED MOUNTED 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
	FULLY RECESSED MOUNTED 600 X 1200 MM FIXTURES, LOW GLARE POLISHED ALUMINUM BODY FINISH (2 X 28W T5 WARM DAYLIGHT)
	FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (4 X 14W T5 COOL WHITE)
	FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (3 X 14W T5 COOL WHITE)
	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 18W CFL WARM DAYLIGHT)
	SURFACE MOUNTED BATTEN LIGHTING FIXTURES (1 X 28W CFL T8 COOL WHITE)

LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

01 / A 31 — **THIRD FLOOR REFLECTED CEILING PLAN**

SCALE 1 : 150 MM.

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEAH V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL T. RANESES
CHIEF, VERTICAL PROJECTS
ENGR. JOAN ROSELLO I. PEREZ
PROJECT INCHARGE
ENGR. ROMEO B. ARCEO
PROJECT IN CHARGE

RECOMMENDING APPROVAL :
ENGR. [illegible]NCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

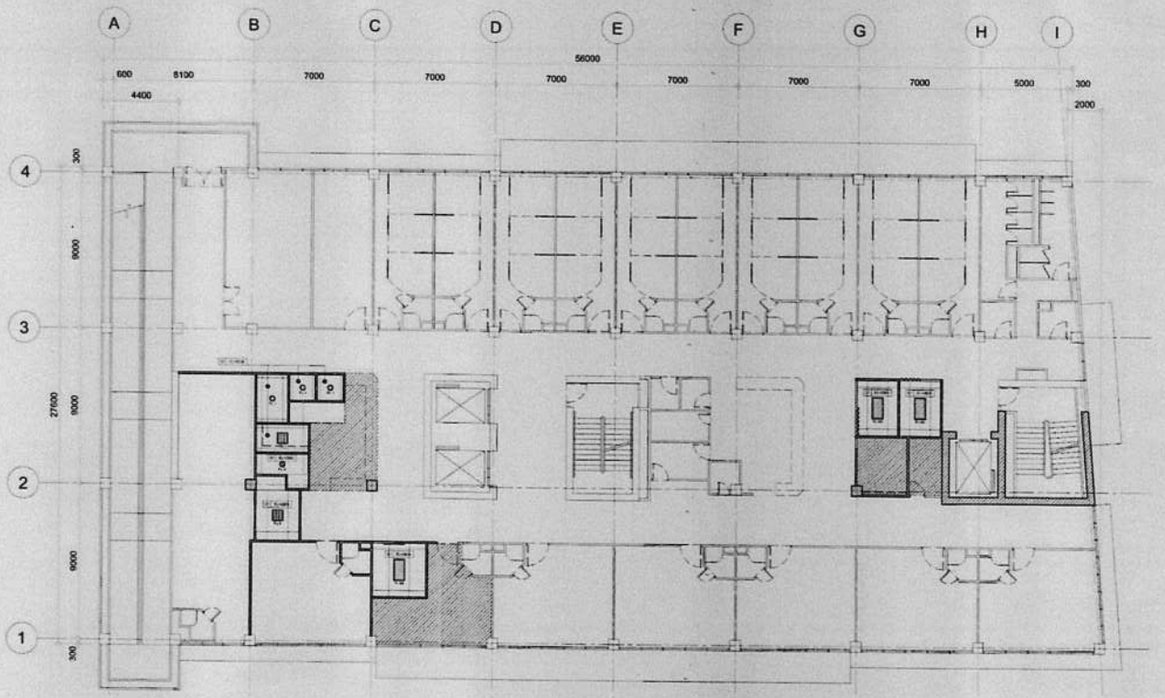
APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : THIRD FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. : A 31 39

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTORAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONFRONTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS; CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LIGHTING LEGEND :

LC-1	SURFACED/ RECESSED MOUNTED 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
FL-1	FULLY RECESSED MOUNTED 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
FL-2	FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (3 X 14W T5 COOL WHITE)
PL-1	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
PL-2	FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 18W CFL WARM DAYLIGHT)

LEGEND :

	EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
	M2 SINGLE PANEL SYSTEM
	EXISTING CHB WALL TO BE DEMOLISHED

01 / A 32 FOURTH FLOOR REFLECTED CEILING PLAN

SCALE 1 : 150 MM.

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. [illegible] PEREZ
PROJECT IN-CHARGE
ENGR. ROMEO B. ARCEO
PROJECT MONITOR

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

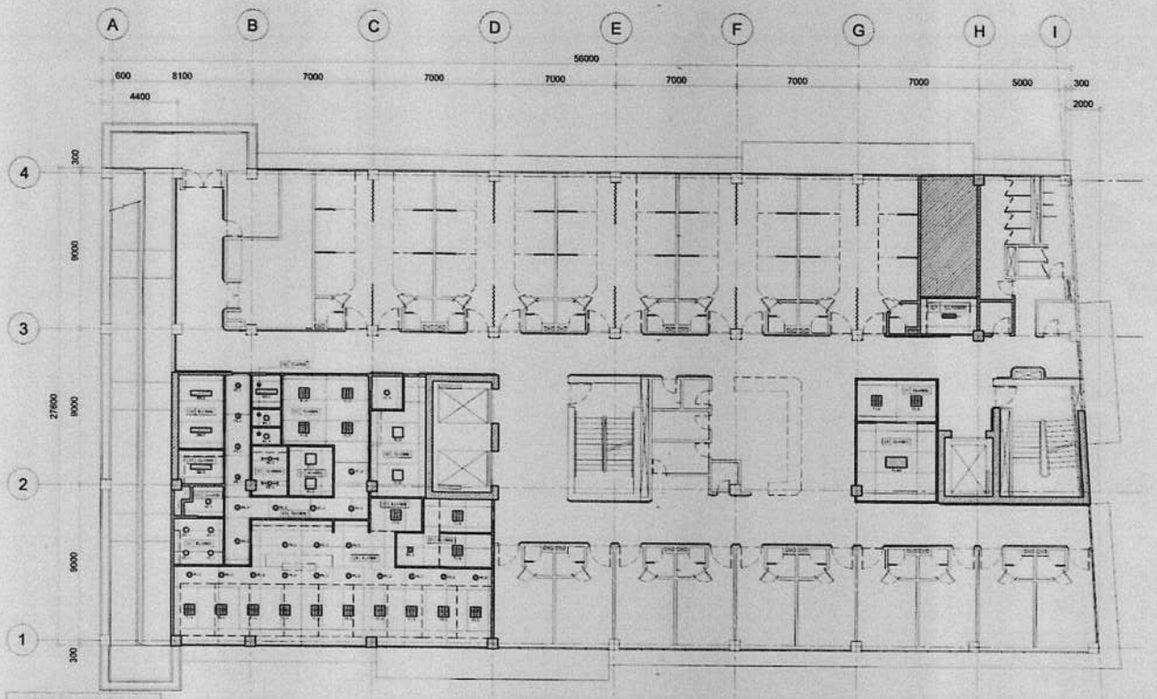
APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : FOURTH FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. : A 32 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DEMONEM OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

LIGHTING LEGEND :

- FULLY RECESSED MOUNTED 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (4 X 14W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER & WHITE IN ALL PANELS (3 X 14W T5 COOL WHITE)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 18W CFL WARM DAYLIGHT)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 40W CFL WARM DAYLIGHT)
- SURFACE/ SUSPENDED MOUNTED SEALED AGAINST DUST & WATER PENETRATION W/ POLYCARBONATE BODY & DIFFUSER, IP54 (2 X 28W T8 COOL WHITE)
- SURFACE MOUNTED BATTEN LIGHTING FIXTURES (1 X 28W CFL T6 COOL WHITE)

01 / A 33 FIFTH FLOOR REFLECTED CEILING PLAN

SCALE 1 : 150 MM.

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. JUAN [illegible] PEREZ
PROJECT ENGINEER
ENGR. ROMEO S. ARCEO
ARCHITECTURE

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

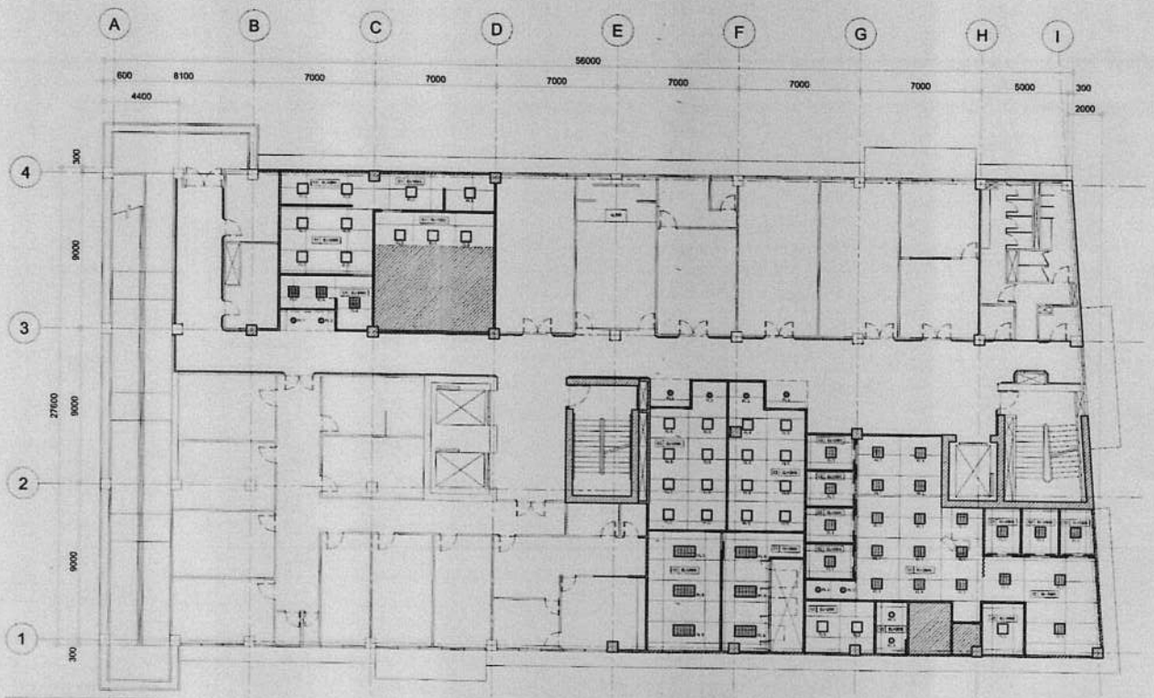
APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : FIFTH FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. : A 33 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LIGHTING LEGEND :

FL1	SURFACED/ RECESSED MOUNTED, 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
FL3	FULLY RECESSED MOUNTED, 600 X 1200 MM. FIXTURES, LOW GLARE POLISHED ALUMINUM BODY FINISH (2 X 28W T5 WARM DAYLIGHT)
FL5	FULLY RECESSED MOUNTED, 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (4 X 14W T5 COOL WHITE)
FL6	FULLY RECESSED MOUNTED, 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (3 X 14W T5 COOL WHITE)
DL1	FULLY RECESSED MOUNTED, DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 15W CFL WARM DAYLIGHT)
DL2	FULLY RECESSED MOUNTED, DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 15W CFL WARM DAYLIGHT)

LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- DRYWALL PARTITION SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

01 / A 34 SIXTH FLOOR REFLECTED CEILING PLAN

SCALE 1 : 100 MM.

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISIDRO V. RANESES
CHIEF, VERTICAL PROJECTS
ENGR. JUANITO DE G. PEREZ
PROJECT IN CHARGE
ENGR. ROMEO E. ARCEO
PROJECT PLANNER

RECOMMENDING APPROVAL :
ENGR. [illegible] S. PRUDENCIO
HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : SIXTH FLOOR REFLECTED CEILING PLAN
CADD: ECESTRADA

SHEET NO. : A 34 | 39

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHODS USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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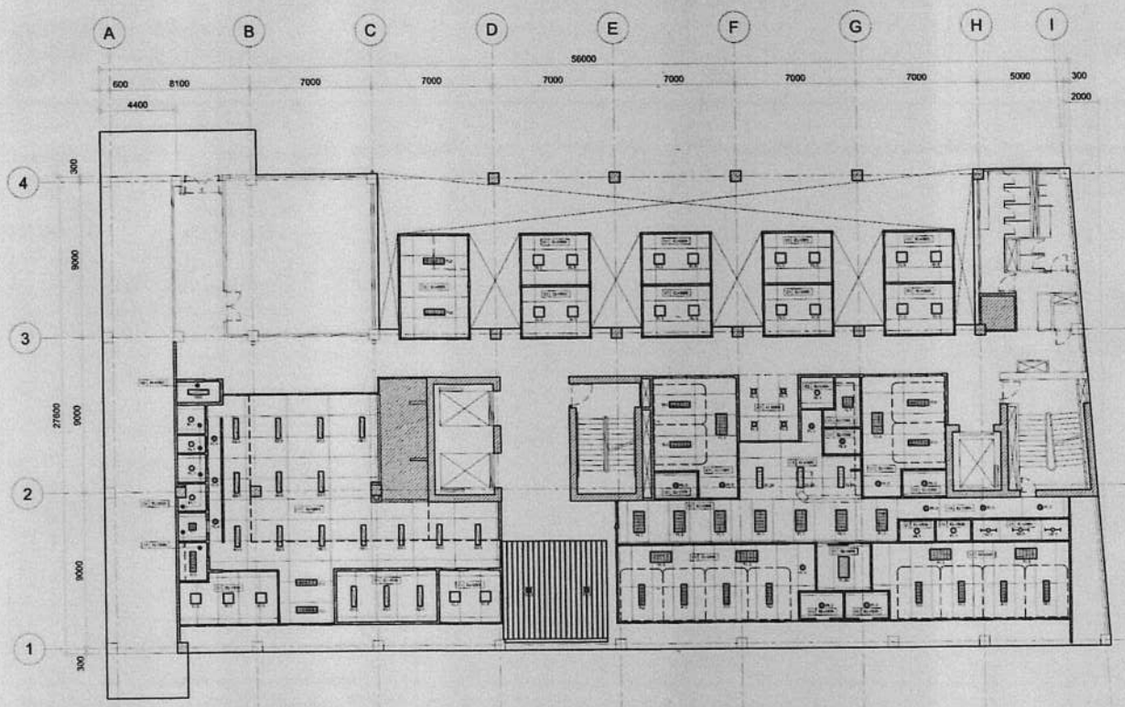
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:
01. GOVERNING COST WILL BE BASED ON APPROVED PLANS & SPECIFICATIONS.
02. NO ALTERATIONS/ CHANGE ORDER DEVIATIONS ON THE ORIGINAL PLAN THAT WILL EATAL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

01 / A 35 LOWER ROOF DECK REFLECTED CEILING PLAN

SCALE 1 : 150 MM.

LIGHTING LEGEND :

- SURFACED/ RECESSED MOUNTED 600 X 600 MM. LOW GLARE ALUMINUM REFLECTOR W/ DIE CAST ALUMINUM BODY FINISH (1 X 40W TC-L COOL DAYLIGHT)
- FULLY RECESSED MOUNTED 300 X 1200 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (2 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED (DIMMABLE BALLAST) 300 X 1200 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (2 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 1200 MM FIXTURES, LOW GLARE POLISHED ALUMINUM BODY FINISH (2 X 28W T5 WARM DAYLIGHT)
- FULLY RECESSED MOUNTED 600 X 1200 MM. DIE CAST ALUMINUM BODY HIGHLY SPECULAR REFLECTOR & CLEAR GLASS PROTECTION COVER IN IP65 CLEAN ROOM TYPE (4 X 28W T5 COOL WHITE)
- FULLY RECESSED MOUNTED 600 X 600 MM. MODULAR W/ MIRROR BRITE ALUMINUM LOUVER. & WHITE IN ALL PANELS (4 X 14W T5 COOL WHITE)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (1 X 18W CFL WARM DAYLIGHT)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR (2 X 18W CFL WARM DAYLIGHT)
- FULLY RECESSED MOUNTED DOWNLIGHT POLYCARBONATE BODY W/ HIGH POLISHED ALUMINIZED REFLECTOR, CLEAN ROOM TYPE W/ GLASS COVER (2 X 18W CFL WARM DAYLIGHT)
- SURFACE/ SUSPENDED MOUNTED SEALED AGAINST DUST & WATER PENETRATION W/ POLYCARBONATE BODY & DIFFUSER, IP54 (2 X 28W T8 COOL WHITE)
- SURFACE MOUNTED BATTEN LIGHTING FIXTURES (1 X 28W CFL T8 COOL WHITE)

CEILING FINISHES :

C-1	12 MM. THK. ANTI BACTERIAL GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH (WITHOUT MDF CORNICE)
C-2	13 MM. THK. MOISTURE RESISTANCE GYPSUM BOARD, ON METAL FRAMING SYSTEM, PAINTED FINISH W/ ANTI BACTERIA

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER G. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RANESES
DIRECTOR/VICE-PROJECTS

ENGR. JOSEPH RICARDO PEREZ
PROJECT IN-CHARGE

ENGR. ROMEO B. ARCEO
PROJECT IN-CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : LOWER ROOF DECK REFLECTED CEILING PLAN

CADD: ECESTRADA

SHEET NO. : A 35 | 39

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

ADDITIONAL NOTES:

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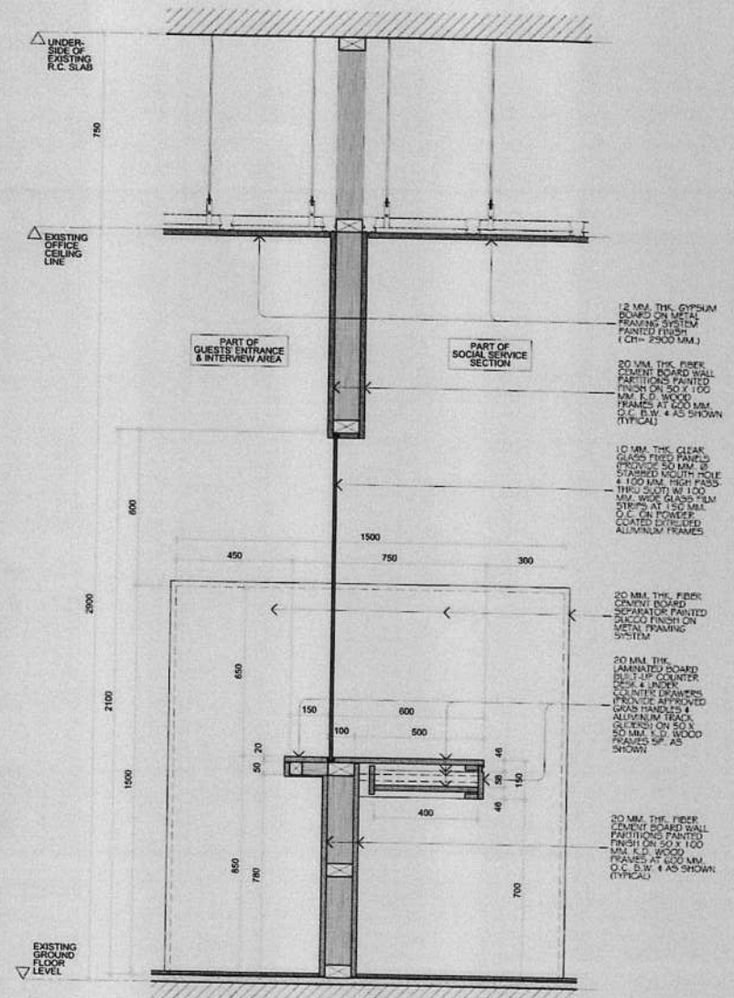
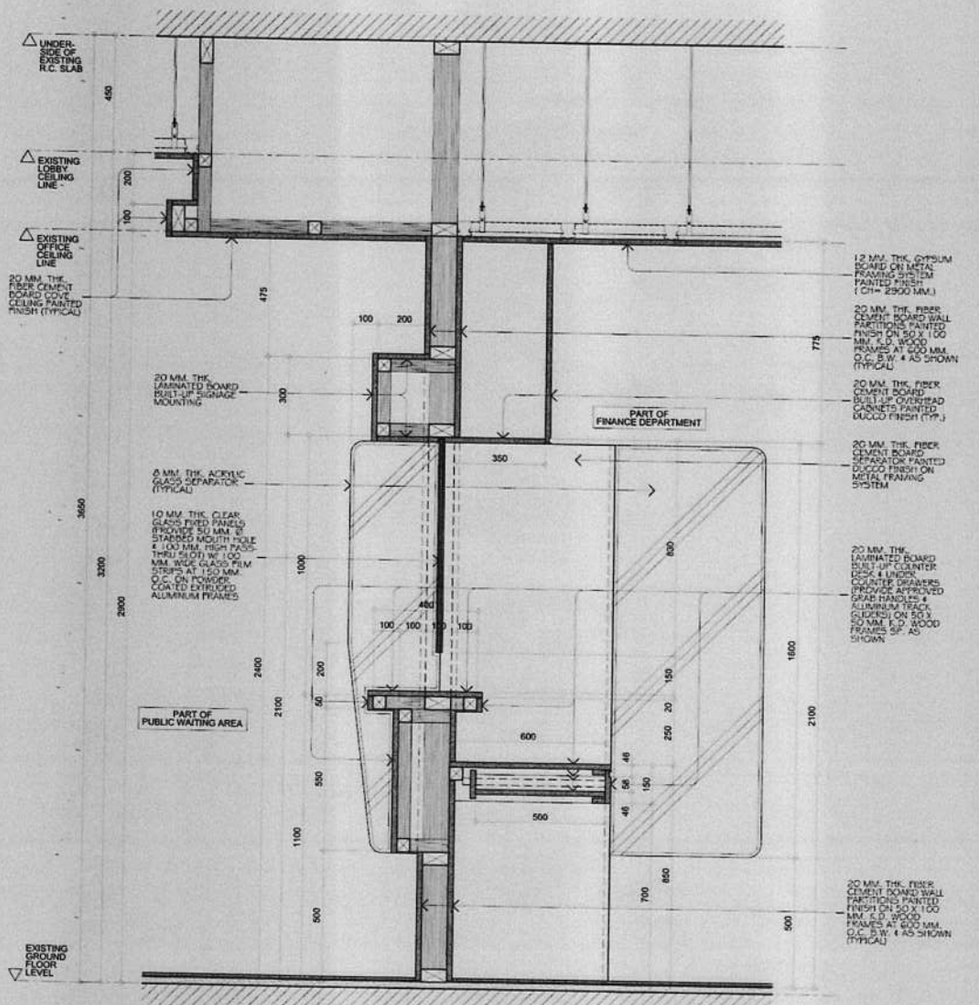
02. NO ALTERATIONS/ CHANGE ORDER/ DEVIATIONS ON THE ORIGINAL PLAN THAT WILL ENTAIL COST SHALL BE SUBJECTED FOR APPROVAL.
03. THE PROGRAM OF WORKS IS FOR BUDGETARY PURPOSES ONLY.



GROUND FLOOR SOCIAL SERVICE
01 / A 36 DETAIL SECTION
SCALE 1 : 10 MM.



GROUND FLOOR FINANCE DEPARTMENT
02 / A 36 DETAIL SECTION
SCALE 1 : 10 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. [illegible] V. PANESES
CHIEF, CONSTRUCTION PROJECTS
ENGR. [illegible] PEREZ
ENGR. ROMEO B. ARCEO

RECOMMENDING APPROVAL :
ENGR. [illegible] S B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : DETAIL SECTIONS
CADD: ECESTRADA

SHEET NO. : A 36 | 39

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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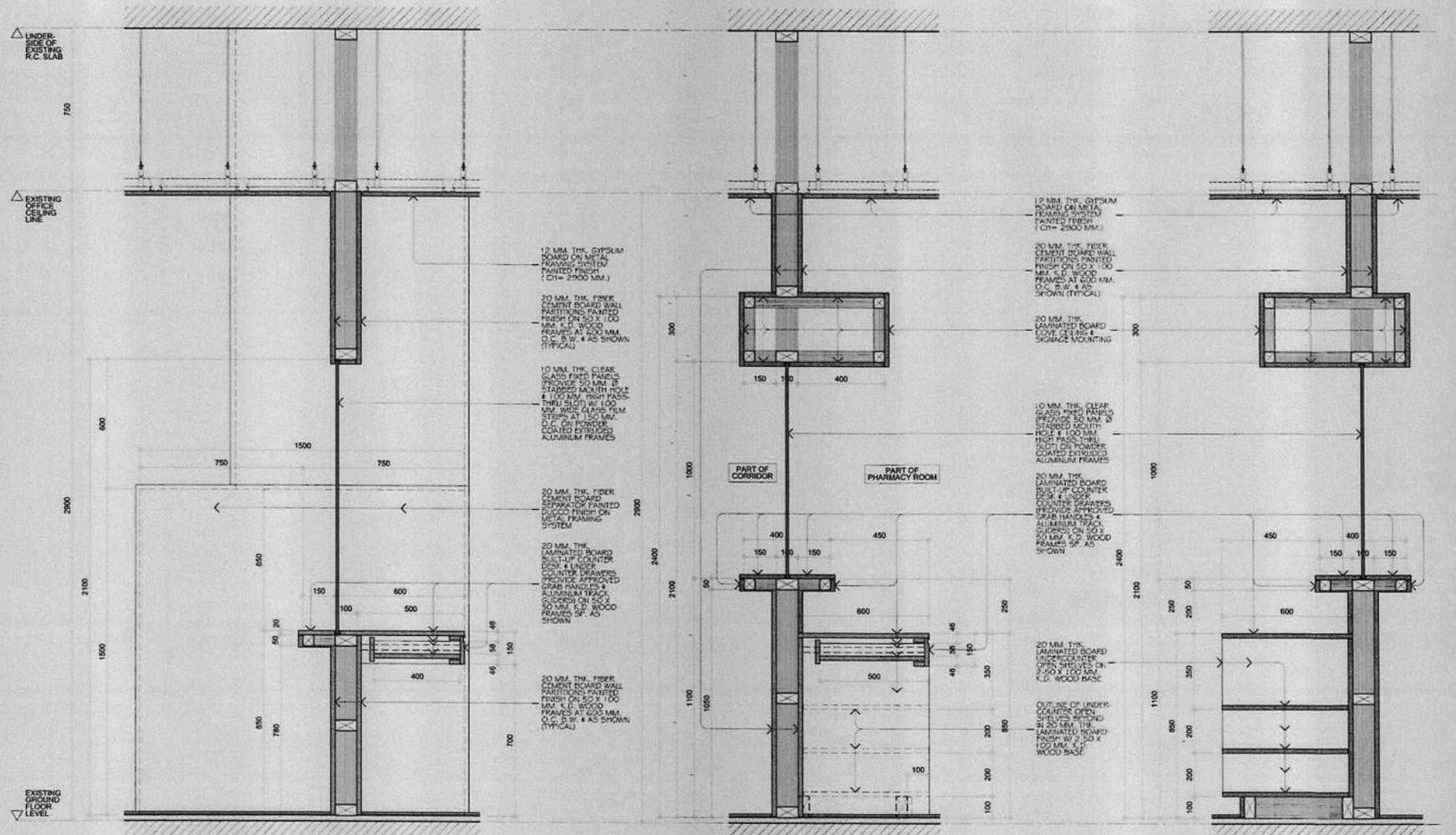

GROUND FLOOR ADMITTING AREA
01 / A 37 DETAIL SECTION
SCALE 1 : 10 MM.

GROUND FLOOR PHARMACY ROOM
02 / A 37 DETAIL SECTION
SCALE 1 : 10 MM.

GROUND FLOOR PHARMACY ROOM
03 / A 37 DETAIL SECTION
SCALE 1 : 10 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RANESES
PROJECT SUPERVISOR, PROJECTS

ENGR. JOAN ROGELIO C. PEREZ
PROJECT IN-CHARGE

ENGR. ROMEO B. ARCEO
PROJECT DEVELOPMENT

RECOMMENDING APPROVAL :

ENGR. ANTHONY E. B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

DETAIL SECTIONS

CADD: ECESTRADA

SHEET NO. :

A
37 / 39

IMPORTANT NOTES:

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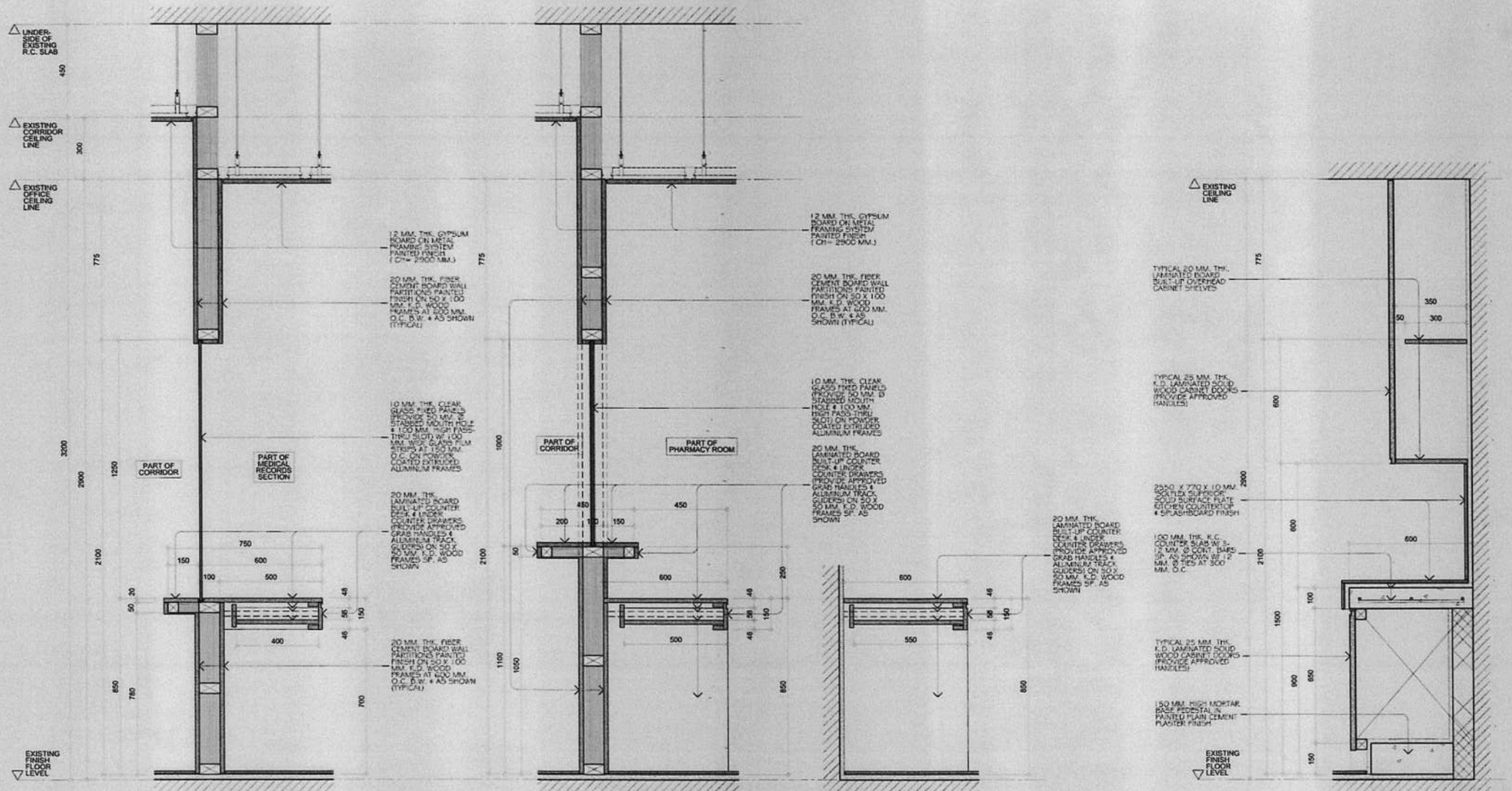

SIXTH FLOOR MEDICAL RECORDS
01 A 38 DETAIL SECTION
SCALE 1 : 10 MM.

SIXTH FLOOR CENTRAL SUPPLY
02 A 38 DETAIL SECTION
SCALE 1 : 10 MM.

SIXTH FLOOR MEDICAL RECORDS
03 A 38 DETAIL SECTION
SCALE 1 : 10 MM.

TYPICAL PANTRY & WORK COUNTERS
04 A 38 DETAIL SECTION
1 : 10 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING DEPARTMENT

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL :
ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION
ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION :
ENGR. ISIDRO T. RANESES
CHIEF, VERTICAL PROJECTS
ENGR. JUAN ROGELIO T. PEREZ
PROJECT ENGINEER
ENGR. ROMEO S. ARCEO
PROJECT MANAGER

RECOMMENDING APPROVAL :
ENGR. LUWALHATI G. PRUDENCIO
ASST. DIRECTOR, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
D.I.C., ENGINEERING DEPARTMENT

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : DETAIL SECTIONS
CADD: ECESTRADA

SHEET NO. : A 38 39

IMPORTANT NOTES :
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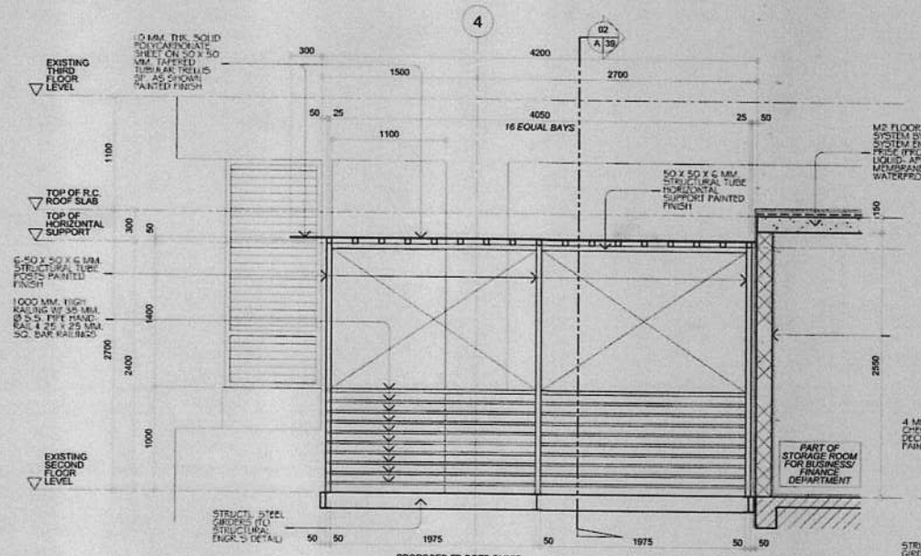

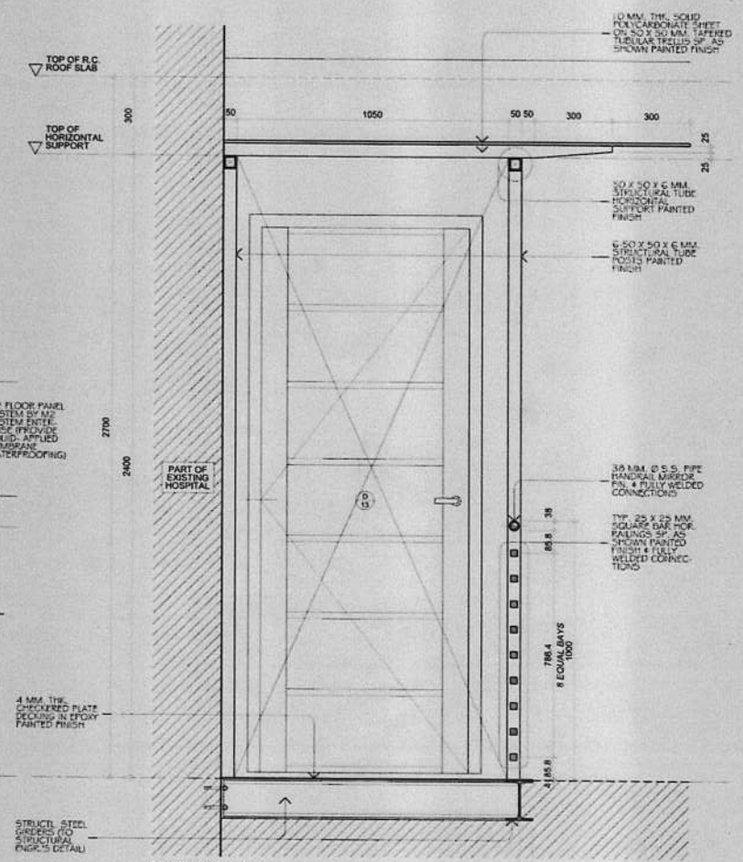

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ARCHITECTURAL:

ARCH. LEA V. OLIVAR
CHIEF, ARCHITECTURAL SECTION

ARCH. ELMER C. ESTRADA
ARCHITECT III

PROGRAMMING & CONSTRUCTION:

ENGR. ISRAEL T. RAÑESES
CHIEF, VERTICAL PROJECTS

ENGR. JOHN ROSE D. PEREZ
Project Engineer

ENGR. ROMEO S. ARCEO
Project Engineer

RECOMMENDING APPROVAL:

ENGR. [illegible] PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS: DETAILS OF CONNECTOR

CADD: ECESTRADA

SHEET NO.: A 39 | 39

IMPORTANT NOTES:

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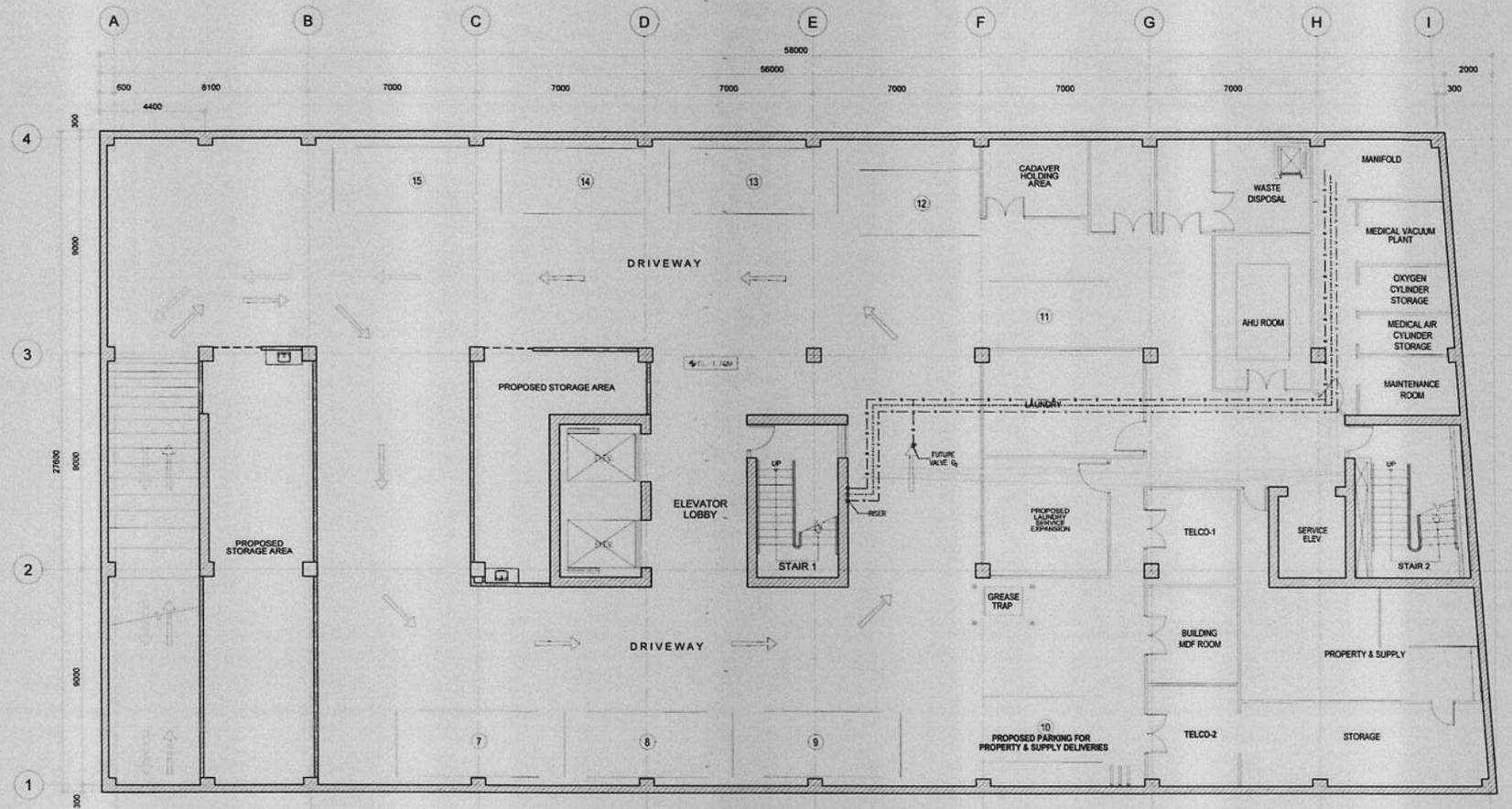

GAS PIPING LAYOUT

EXISTING BASEMENT FLOOR PLAN

01 / M 01 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. ROMEO R. ARCEO, JR.

ENGR. JUAN ROGELIO T. PEREZ
PROJECT IN CHARGE

PROGRAMMING & CONSTRUCTION:

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS: EXISTING BASEMENT FLOOR PLAN (GAS PIPING LAYOUT)

CADD: ECESTRADA

SHEET NO: M 01 | 09

IMPORTANT NOTES:

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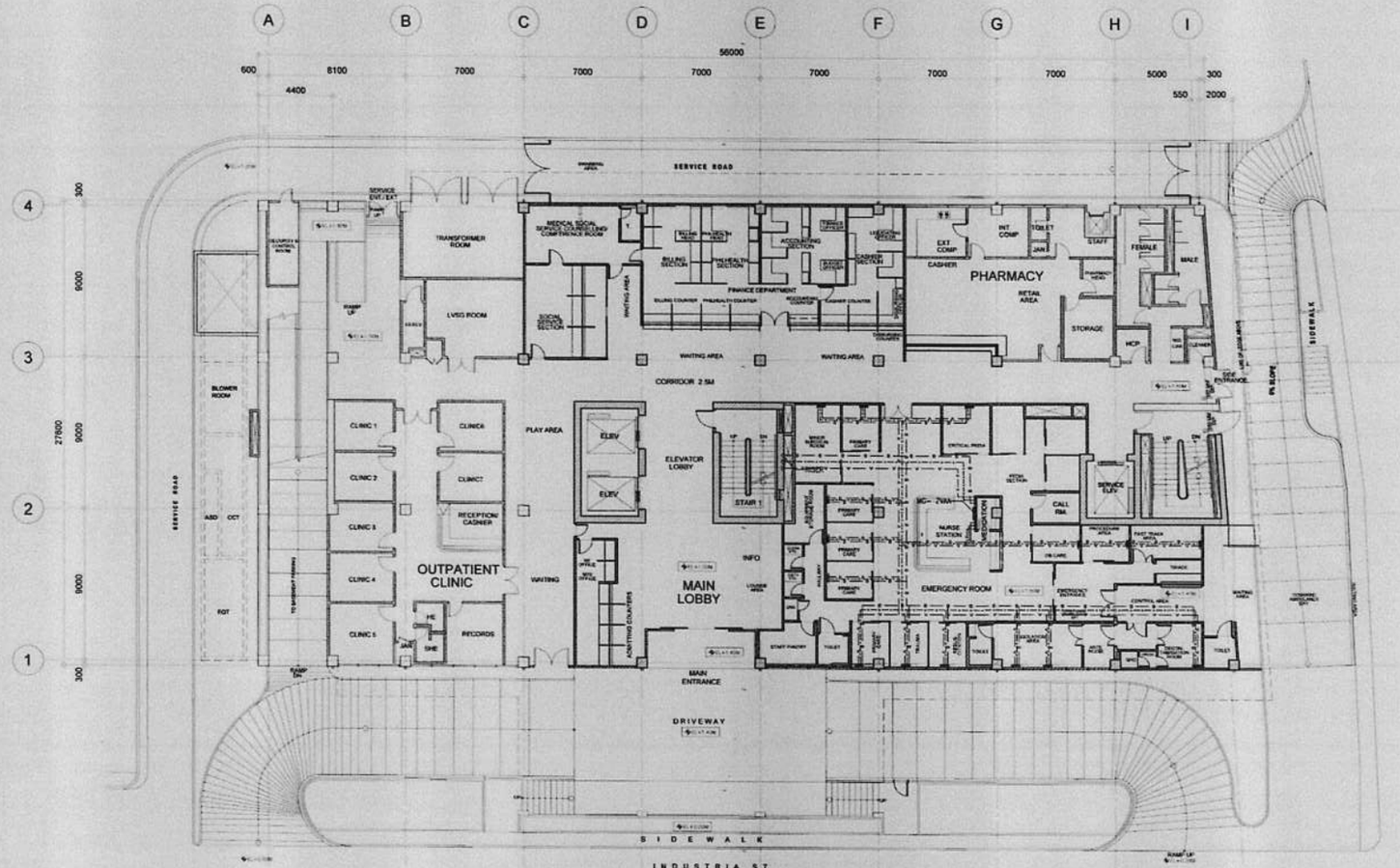
CONFORME & ACCEPTED BY:

CONTRACTOR



GAS PIPING LAYOUT

EXISTING GROUND FLOOR PLAN

01 / M 02

SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. ROMEO R. ARCEO, JR. ENGR. JUAN ROGELIO I. PEREZ PROJECT IN-CHARGE	PROGRAMMING & CONSTRUCTION: ENGR. ISRAELLY RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS: EXISTING GROUND FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO.: M 02 | 09

IMPORTANT NOTES:

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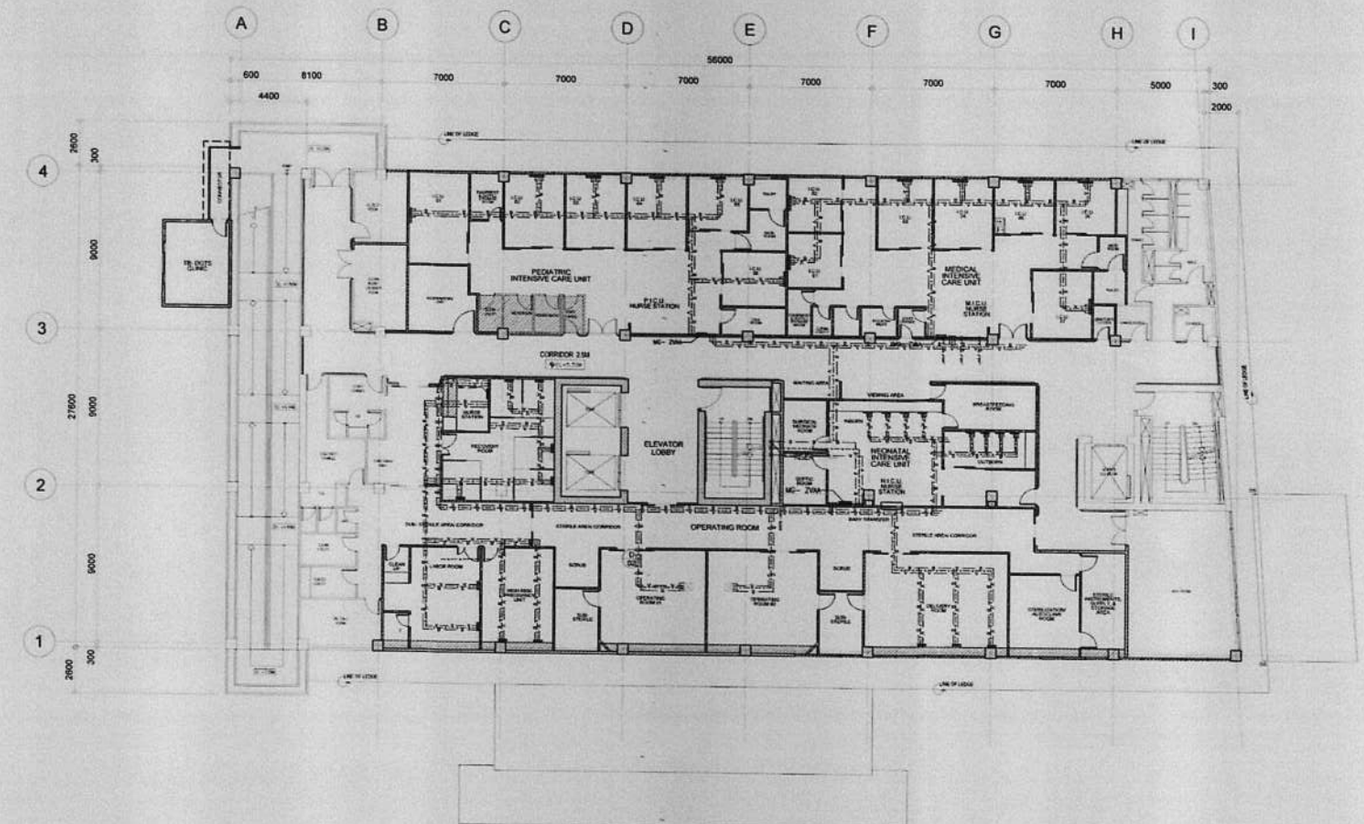
CONFORME & ACCEPTED BY:

CONTRACTOR



GAS PIPING LAYOUT

EXISTING SECOND FLOOR PLAN

01 / M 03 SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. ROMEO R. ARCEO, JR. ENGR. [illegible] PEREZ PROJECT IN CHARGE	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO PROGRAMMING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O I C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING SECOND FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO. : M 03 09

IMPORTANT NOTES :

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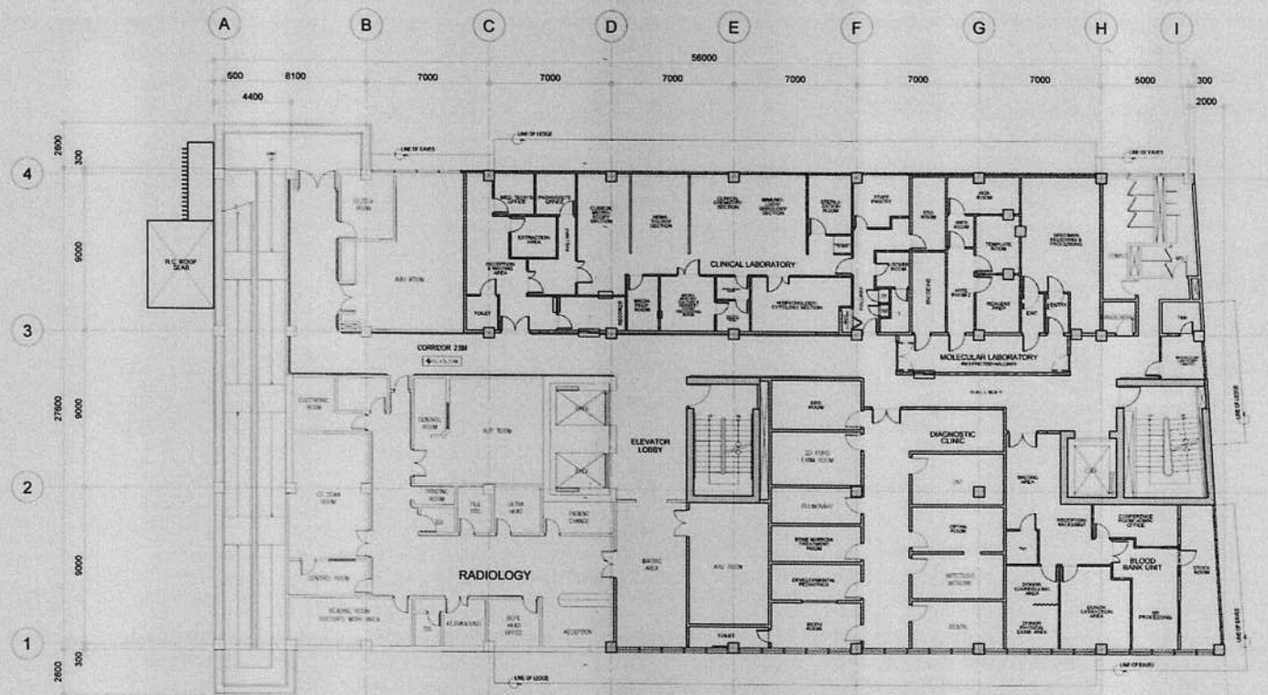
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



GAS PIPING LAYOUT

EXISTING THIRD FLOOR PLAN

01 / M 04 SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR **ENGINEERING DEPARTMENT**	PROJECT TITLE : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL** LOCATION : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. ROMEO R. ARCEO, JR. ENGR. JUAN ROGELIO I. PEREZ PROJECT IN CHARGE	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL : ENGR. DANILO B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING THIRD FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO. : M 04 09

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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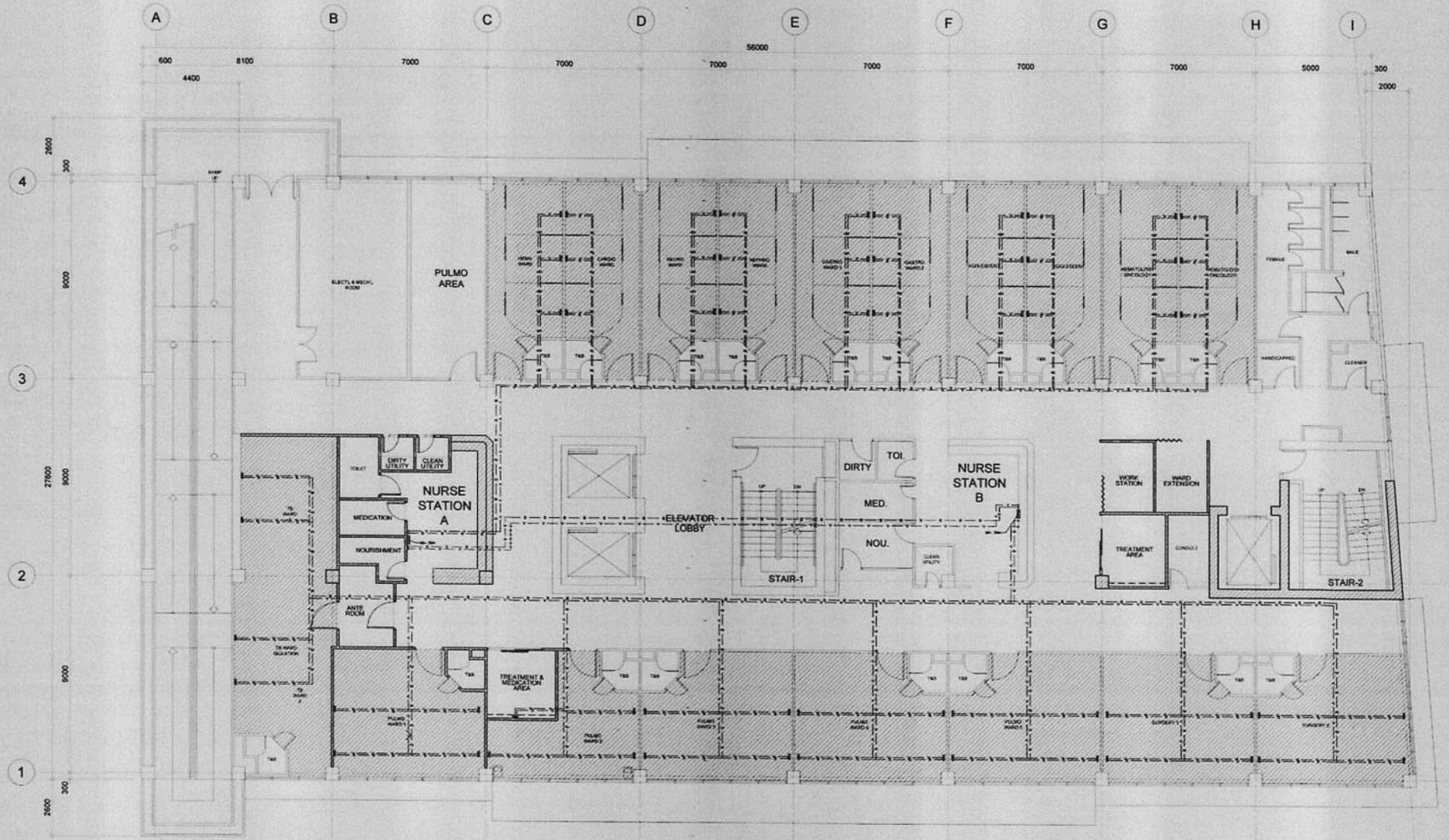
CONFORME & ACCEPTED BY

CONTRACTOR



GAS PIPING LAYOUT

EXISTING FOURTH FLOOR PLAN

01 / M 05 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. ROMEO R. ARCEO, JR. ENGR. JUAN ROGELIO I. PEREZ PROJECT IN CHARGE	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING FOURTH FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO. : M 05 09

IMPORTANT NOTES :

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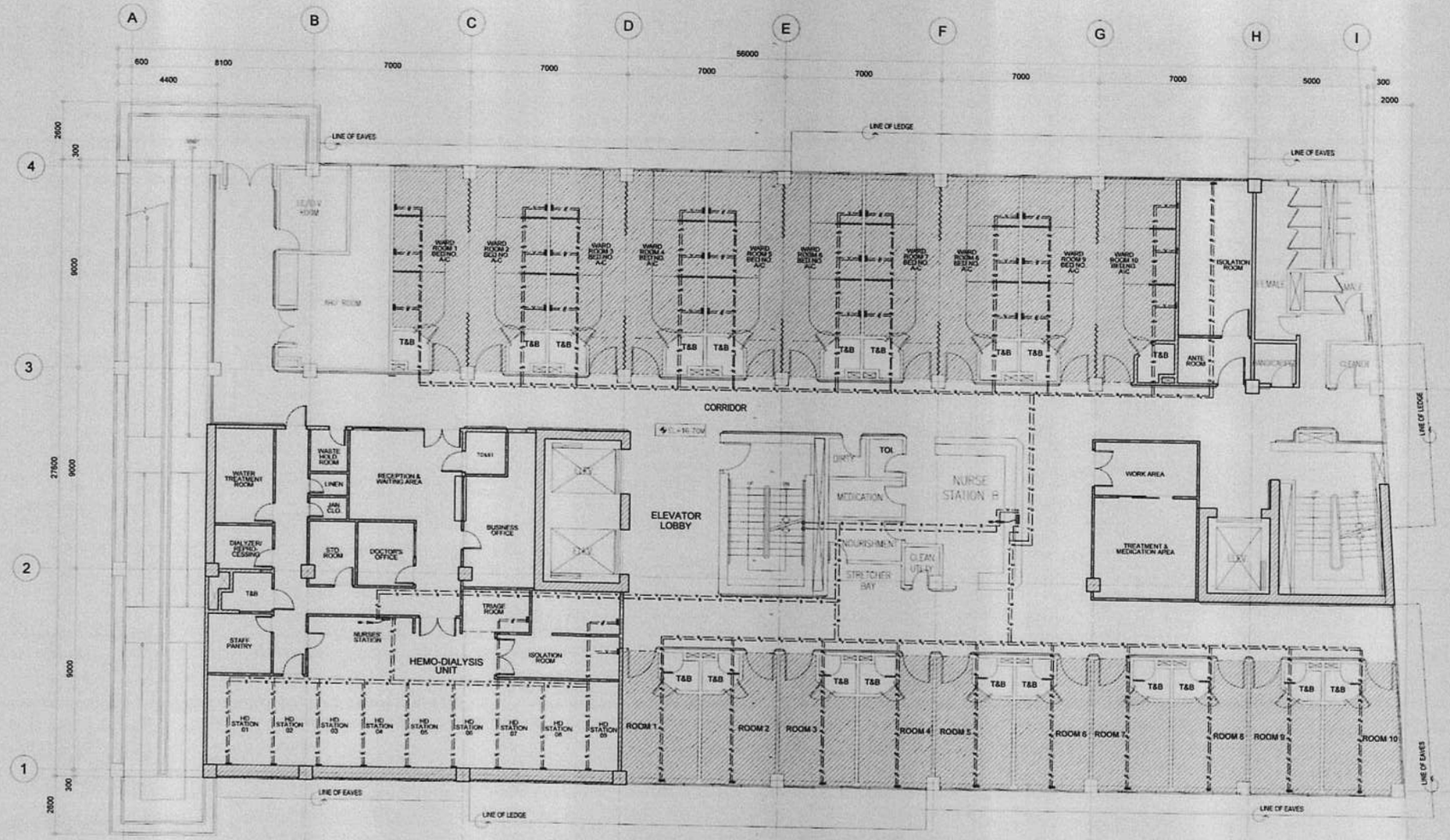
CONFORME & ACCEPTED BY :

CONTRACTOR



GAS PIPING LAYOUT

EXISTING FIFTH FLOOR PLAN

01 / M 06

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING DEPARTMENT

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS. KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. ROMEO R. ARCEO, JR.

ENGR. JUAN ROGELIO I. PEREZ
PROJECT IN CHARGE

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS

RECOMMENDING APPROVAL

ENGR. [illegible] B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING DEPARTMENT

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : EXISTING FIFTH FLOOR PLAN (GAS PIPING LAYOUT)

CADD: ECESTRADA

SHEET NO. : M 06 09

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF, IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, ENGINEERING PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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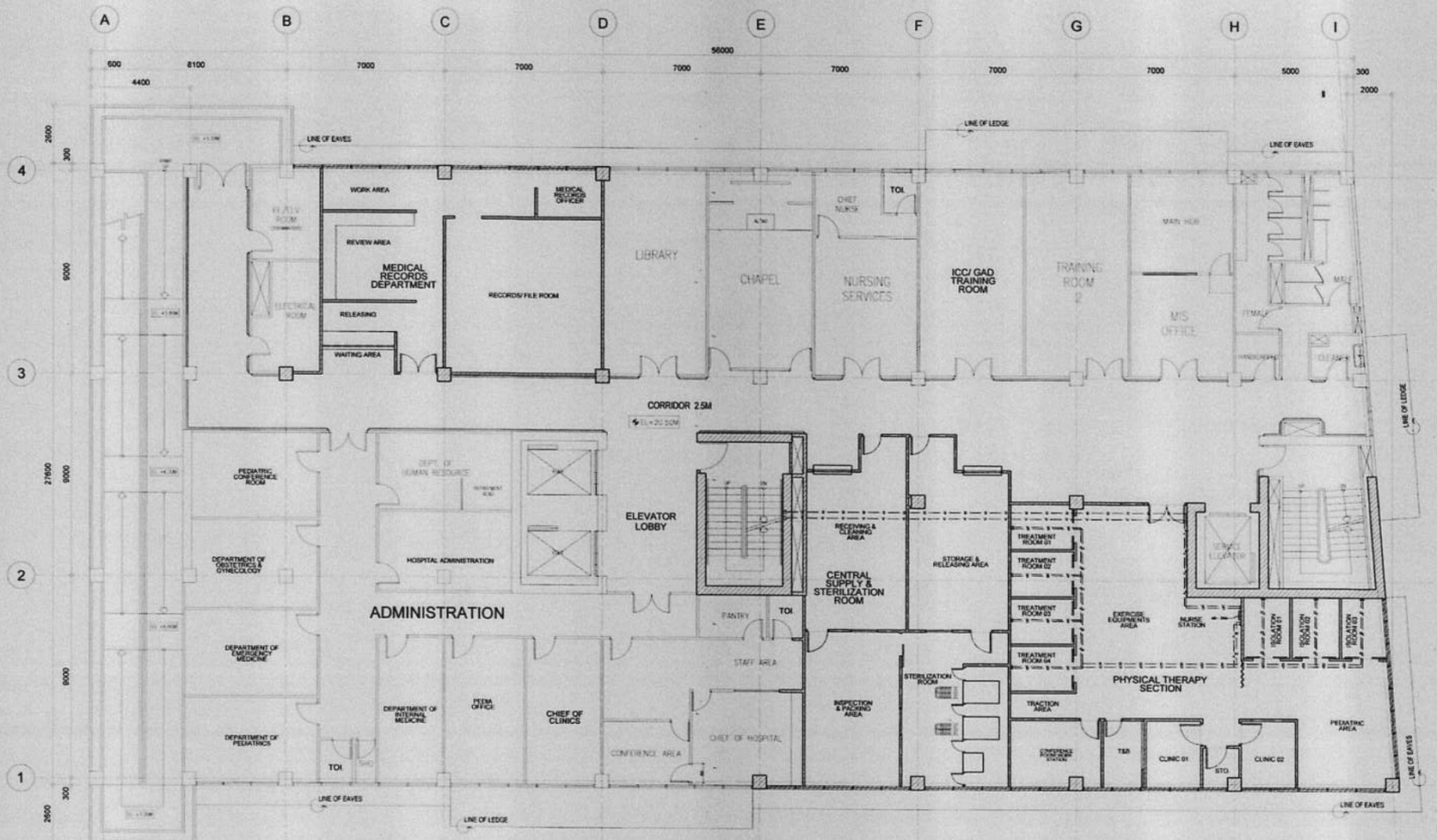

GAS PIPING LAYOUT

EXISTING SIXTH FLOOR PLAN

01 / M 07 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. ROMEO R. ARCED, JR. ENGR. JUAN HOSEA J. PEREZ PROJECT IN CHARGE	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL : ENGR. [illegible] B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING SIXTH FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO. : M 07 09

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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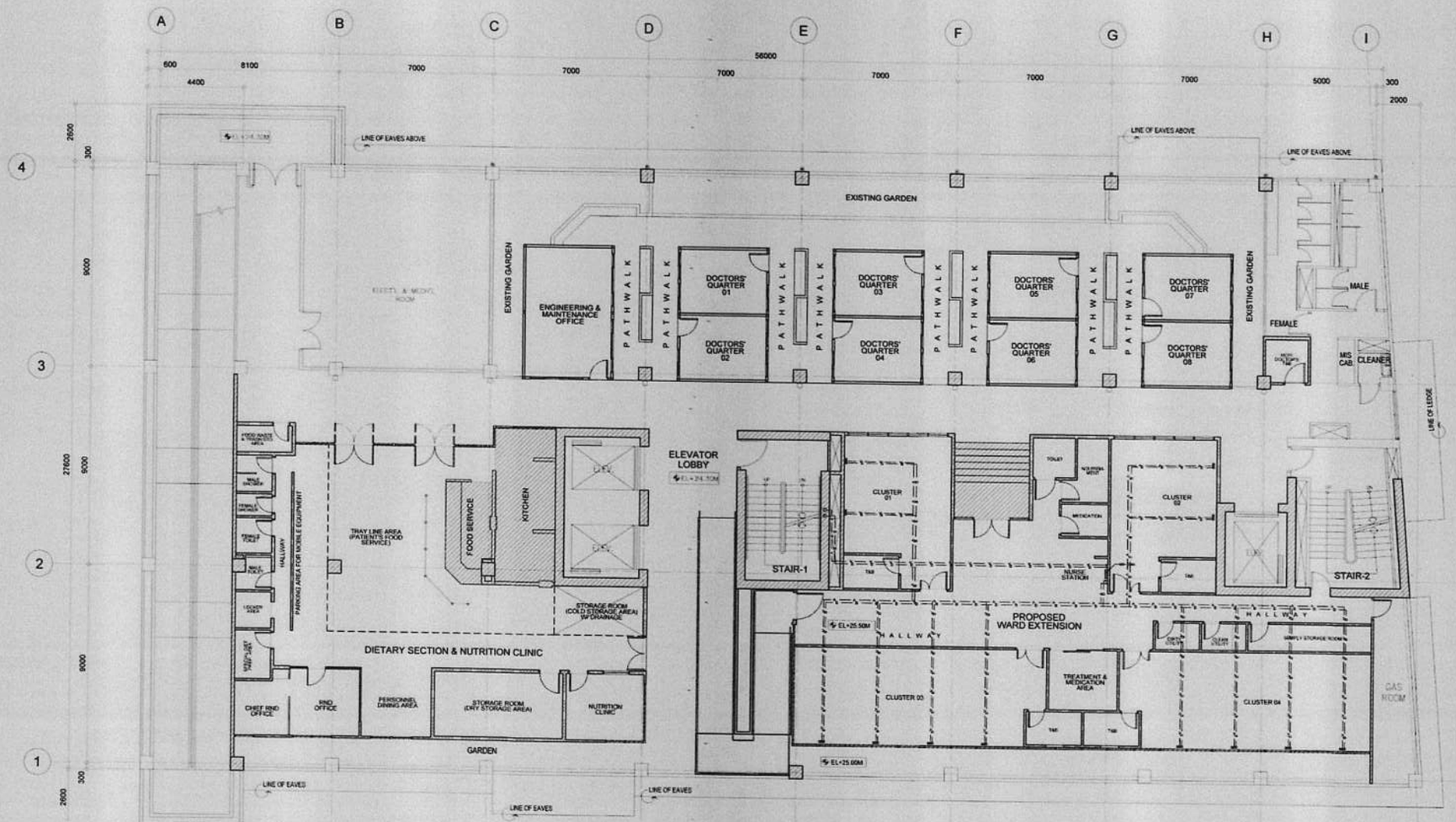
CONFORME & ACCEPTED BY :

CONTRACTOR



GAS PIPING LAYOUT

EXISTING LOWER ROOF DECK FLOOR PLAN

01 / M / 08 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. ROMEO R. ARCEO, JR. ENGR. JUAN ROGELIO L. PEREZ PROJECT IN CHARGE	PROGRAMMING & CONSTRUCTION: ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL: ENGR. [illegible] B. PRUDENCIO HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS: EXISTING LOWER ROOF DECK FLOOR PLAN (GAS PIPING LAYOUT) CADD ECESTRADA	SHEET NO.: M 08 09

IMPORTANT NOTES:

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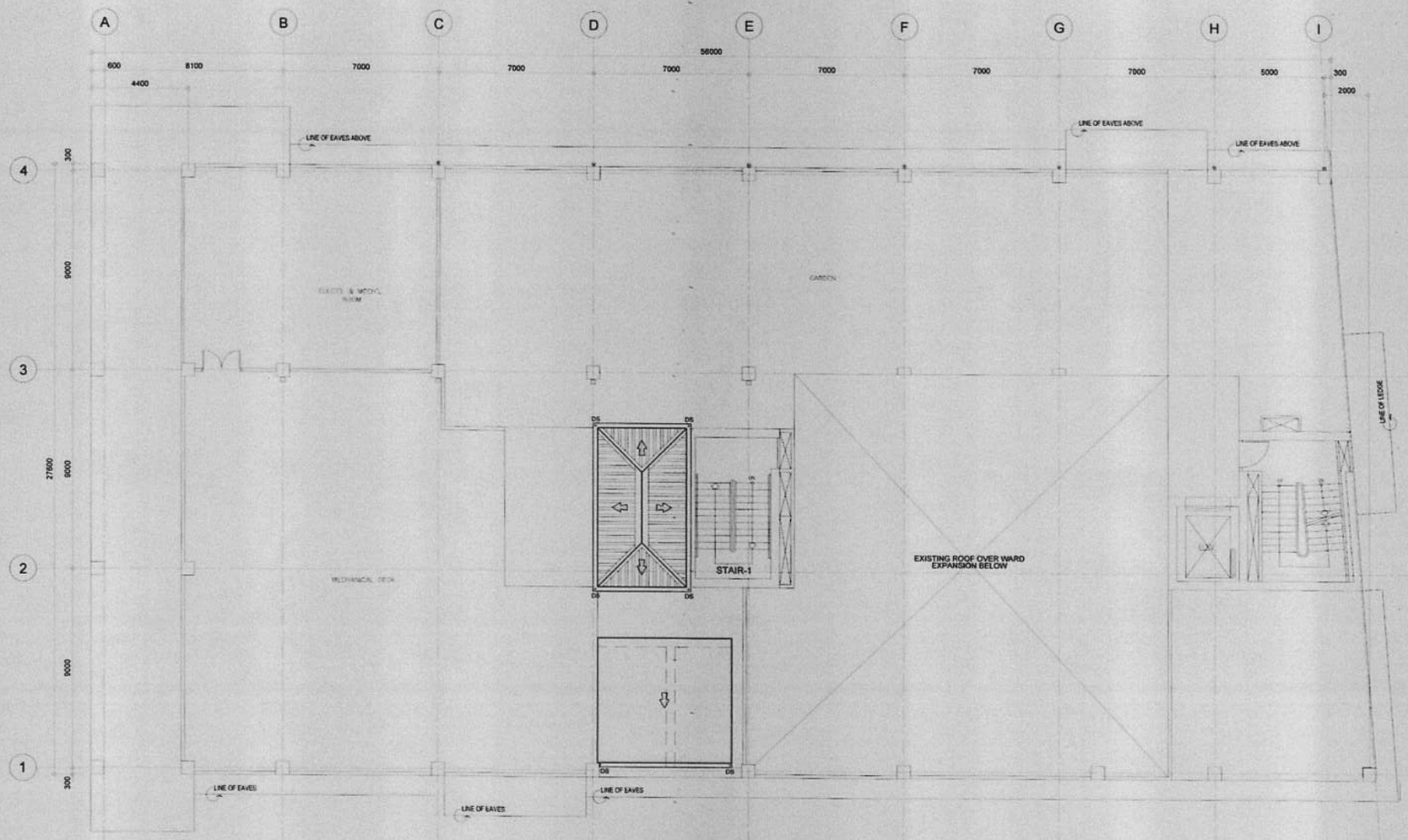
CONTRACTOR



GAS *PIPING LAYOUT*

EXISTING UPPER ROOF DECK FLOOR PLAN

01 / M 09 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING DEPARTMENT	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. ROMEO R. ARCEO, JR. ENGR. JOHN ROGELIO I. PEREZ PROJECT ENGINEER	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS	RECOMMENDING APPROVAL : ENGR. [illegible]ENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING DEPARTMENT	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING UPPER ROOF DECK FLOOR PLAN (GAS PIPING LAYOUT) CADD: ECESTRADA	SHEET NO : M 09 09

IMPORTANT NOTES :

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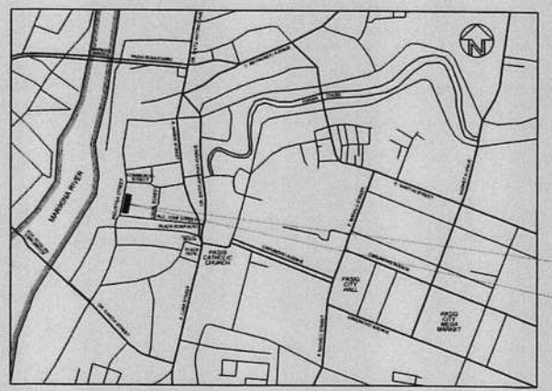
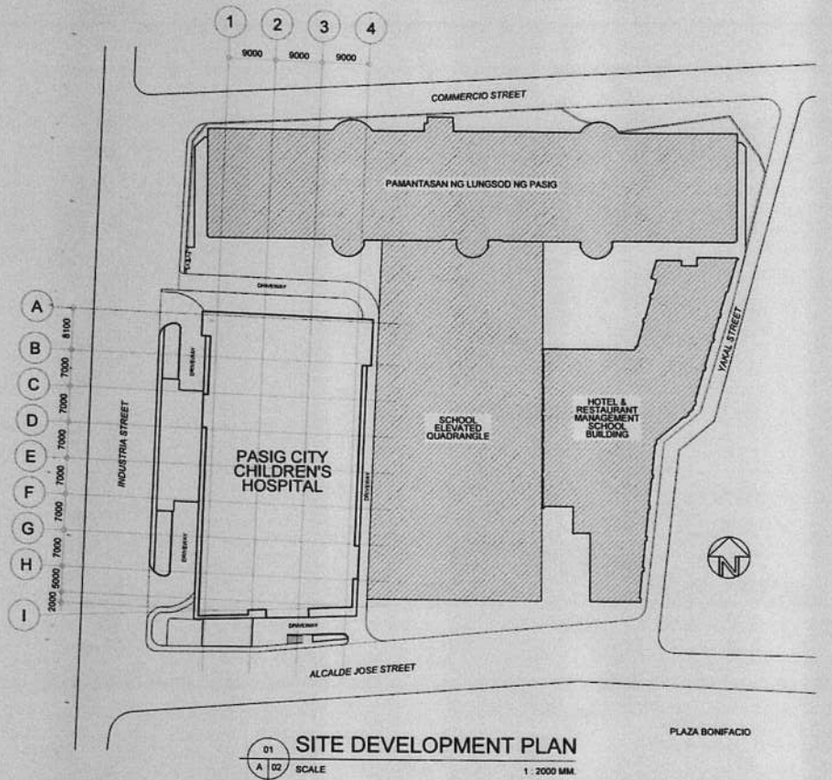
CONTRACTOR



VICINITY MAP

THE SITE



01 / A / 02 SITE DEVELOPMENT PLAN

SCALE 1 : 2000 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)

ENGR. CARLA L. BELLIN (ENGINEER I)

ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)

ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

SITE DEVELOPMENT PLAN AND VICINITY MAP

SHEET NO.:

E 01/73

IMPORTANT NOTES :

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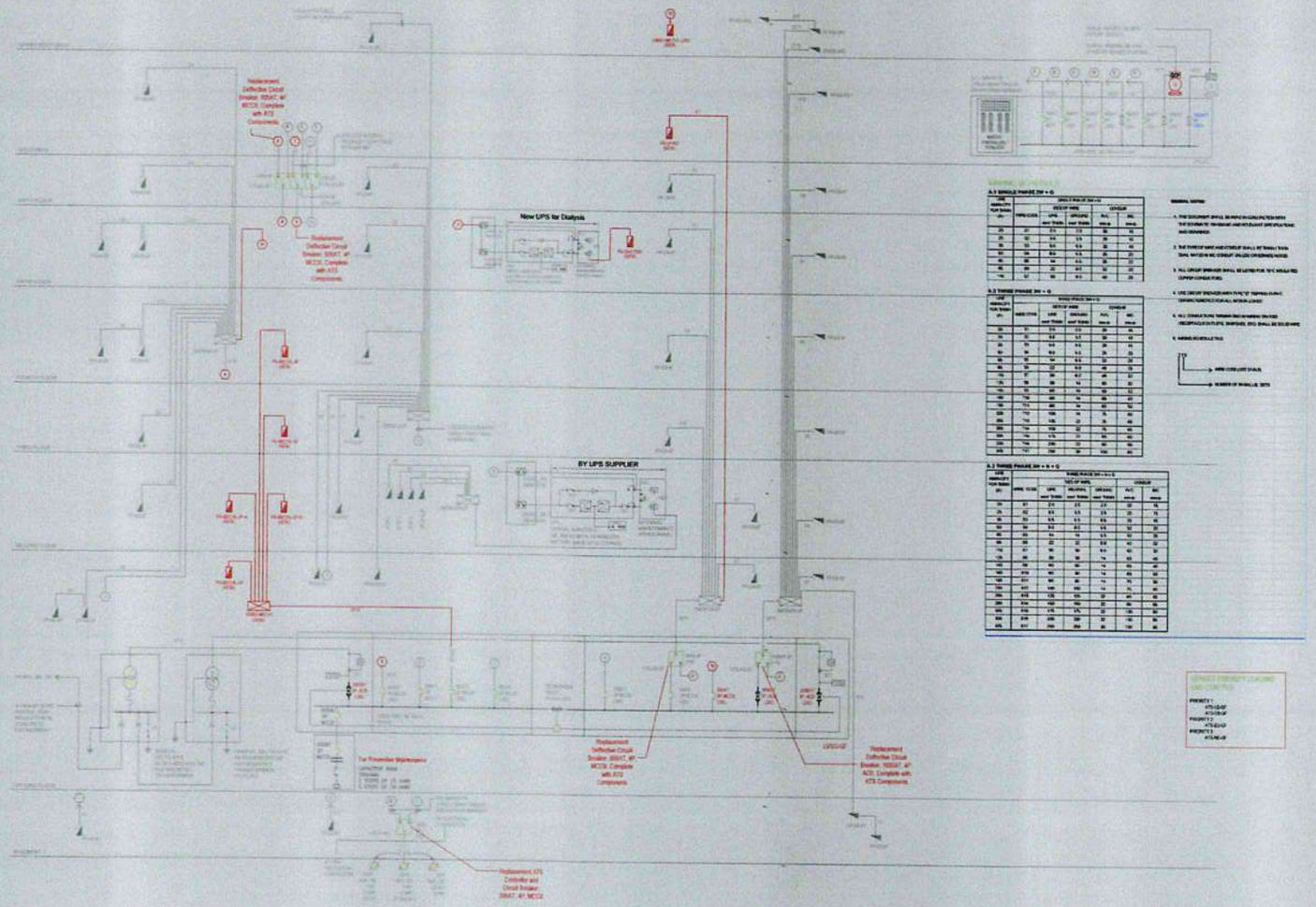

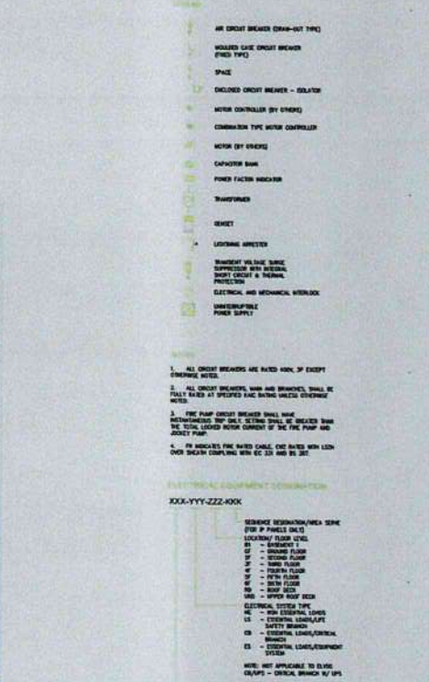

	REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I) ENGR. CARLA L. BELLIN (ENGINEER I) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I) ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: SINGLE LINE DIAGRAM	SHEET NO.: E 02/73

IMPORTANT NOTES:

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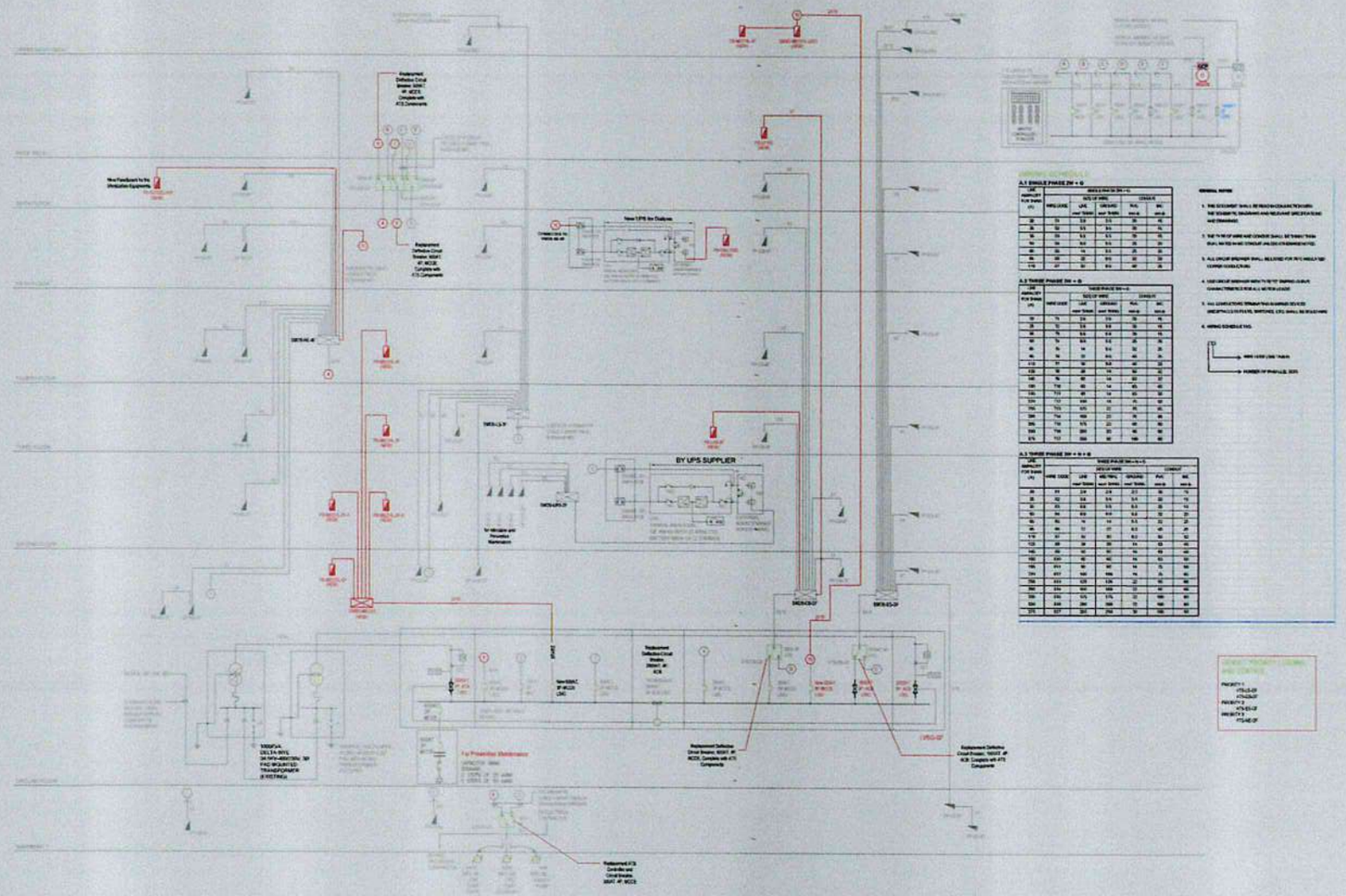

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: SINGLE LINE DIAGRAM	SHEET NO.: E 03/73

IMPORTANT NOTES:

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CONFORME & ACCEPTED BY:

CONTRACTOR

DESIGNATION: SMDB-UPS-2F
SYSTEM: 380/220 VOLTS 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 30 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: LVSG-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	DP-UPS-2F	5,040		7.86				30	60	3	S4	THWN	S4	IMC
2	SPARE							30	60	3				
3	SPARE							30	60	3				
4	SPARE							30	60	3				
5	SPARE							30	60	3				
6	IP-2F-1	1,440		2.19				30	60	3				
7	IP-2F-2	2,160		3.28				60	60	1	S4	THWN	S4	IMC
8	IP-2F-3	2,520		3.83				60	60	1	S4	THWN	S4	IMC
TOTAL		11,160		16.96				60	60	1	S4	THWN	S4	IMC

DEMAND FACTOR: 0.80
DEMAND AV: 11,160
MAIN CB: 100AT 100AF 3P 380 V
FEEDER:
CODE: X7 TYPE: THWN RACEWAY: IMC
IT= 16.9364 AMPS

DESIGNATION: DP-UPS-2F
SYSTEM: 380/220 VOLTS 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 20 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-UPS-2F

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	C.O.	1,080	0.80		3.9273			20	60	1	S2	THWN	S2	IMC
2	C.O.	1,080	0.80		3.9273			20	60	1	S2	THWN	S2	IMC
3	C.O.	1,080	0.80			3.9273		20	60	1	S2	THWN	S2	IMC
4	C.O.	1,080	0.80			3.9273		20	60	1	S2	THWN	S2	IMC
5	SPARE							20	60	1				
6	SPARE							20	60	1				
7	SPARE							20	60	1				
8	SPARE							20	60	1				
9	LIGHTING	720	0.80			2.6182		20	60	1	S2	THWN	S2	IMC
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
TOTAL		5,040	0.80		7.85	10.47				16				

DEMAND FACTOR: 0.80
DEMAND AV: 4,032
MAIN CB: 30AT 60AF 3P 380 V
FEEDER:
CODE: X3 TYPE: THWN RACEWAY: IMC
IT= 6.1262 AMPS

DESIGNATION: IP-2F-1
SYSTEM: 220 VOLTS 1Φ, 2 WIRE + GROUND, 60Hz
MIN. I. C.: 14 KA
LOCATION: MINOR OPERATING ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-UPS-2F

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	SPARE							20	60	1				
2	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
3	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
4	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
5	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
6	SPARE							20	60	1				
7	SPARE							20	60	1				
8	SPARE							20	60	1				
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
TOTAL		1,440	0.80		5.24					12				

DEMAND FACTOR: 0.80
DEMAND AV: 1,152
MAIN CB: 60AT 60AF 2P 380 V
FEEDER:
CODE: S4 TYPE: THWN RACEWAY: IMC
IT= 4.1851 AMPS

DESIGNATION: IP-2F-2
SYSTEM: 220 VOLTS 1Φ, 2 WIRE + GROUND, 60Hz
MIN. I. C.: 14 KA
LOCATION: MAJOR OPERATING ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-UPS-2F

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	SPARE							20	60	1				
2	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
3	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
4	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
5	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
6	C.O.	360	0.80			1.3091		20	60	1	S2	XHHW-2	S2	IMC
7	SPARE							20	60	1				
8	SPARE							20	60	1				
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
TOTAL		2,160	0.80			7.85				12				

DEMAND FACTOR: 0.80
DEMAND AV: 1,728
MAIN CB: 60AT 60AF 2P 380 V
FEEDER:
CODE: S4 TYPE: THWN RACEWAY: IMC
IT=6.2836 AMPS

DESIGNATION: IP-2F-3
SYSTEM: 220 VOLTS, 1Φ, 2 WIRE + GROUND, 60Hz
MIN. I. C.: 14 KA
LOCATION: MAJOR OPERATING ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-UPS-2F

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	SPARE							20	60	1				
2	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
3	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
4	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
5	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
6	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
7	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
8	C.O.	360	0.80				1.3091	20	60	1	S2	XHHW-2	S2	IMC
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
TOTAL		2,520	0.80				9.16			12				

DEMAND FACTOR: 0.80
DEMAND AV: 2,016
MAIN CB: 60AT 60AF 2P 380 V
FEEDER:
CODE: S4 TYPE: THWN RACEWAY: IMC
IT= 7.3309 AMPS

DESIGNATION: SMDB-CB-GF
SYSTEM: 220 VOLTS, 1Φ, 2 WIRE + GROUND, 60Hz
MIN. I. C.: 14 KA
EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: LVSG-GFLOCATION:

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	CONNECTED LOAD D.F.	AMPERE 3Φ	AMPERE ΦAN	AMPERE ΦBN	AMPERE ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	CONDUCTORS TYPE	RACEWAY CODE	RACEWAY TYPE
1	PP-CB-3F	124,370	0.80	151.17				300	400	3	X15	THWN	X15	IMC
2	SPARE / LABORATORY EQUIPMENTS NEW) @THIRD FLOOR EE-ROOM							200	225	3				
3	SPARE							200	225	3				
4	PP-AUX-GF / SMDB-LS-3F (INCLUDED)	42,000	0.80	51.05				200	225	3	X7	THWN	X7	IMC
5	PP-CB-GF	20,180	0.80	24.53				100	100	3	X7	THWN	X7	IMC
6	PP-CB-2F	20,829	0.80	25.32				100	100	3	X5	THWN	X5	IMC
7	SPARE / KITCHEN @3RD FLOOR							150	100	3				
8	SPARE							100	100	3				
9	PP-CB-4F / (60AT, 3P) @LOAD SCHED	14,896	0.80	18.11				100	100	3	X5	THWN	X5	IMC
10	PP-CB-5F	10,519	0.80	12.77				60	60	3	X5	THWN	X5	IMC
11	PP-CB-6F	9,852	0.80	11.97				60	60	3	X5	THWN	X5	IMC
12	SPARE							60	60	3				
13	SPARE / CANTEEN @3RD FLOOR (CAN BE USED FOR LAB. EQUIPMENTS)							50	60	3				
14	SPARE							60	60	3				
TOTAL		242,637	0.80	294.92						42				

DEMAND FACTOR: 0.80
DEMAND AV: 194,160
MAIN CB: 800AT 800AF 3P 380 V
FEEDER:
CODE: 2X15 TYPE: THWN RACEWAY: IMC
IT= 294.9277 AMPS

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)
ENGR. CARLA L. BELLIN (ENGINEER I)
ENGR. EDUARDO D. BARRUGA JR. (ENGINEER I)
ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAWRENCE B. PRUDENCIO
OIC, PROJECT PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: SCHEDULE OF LOADS
SHEET NO.: E 04/73

CONFORME & ACCEPTED BY:
CONTRACTOR

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

DESIGNATION: PP-CB-GF
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	LIGHTING / RAMP(UP)	830	1.00		3.7727			20	60	1	S2	THWN	S2	IMC
2	LIGHTING / BILLING AREA/ADMITTING	830	1.00		3.7727			20	60	1	S2	THWN	S2	IMC
3	LIGHTING	830	1.00			3.7727		20	60	1	S2	THWN	S2	IMC
4	LIGHTING / OPD	830	1.00			3.7727		20	60	1	S2	THWN	S2	IMC
5	LIGHTING	830	1.00				3.7727	20	60	1	S2	THWN	S2	IMC
6	LIGHTING / HALLWAY	830	1.00				3.7727	20	60	1	S2	THWN	S2	IMC
7	LIGHTING / E.R.	830	1.00		3.7727			20	60	1	S2	THWN	S2	IMC
8	LIGHTING / PHARMA	830	1.00		3.7727			20	60	1	S2	THWN	S2	IMC
9	LIGHTING / LOBBY	830	1.00			3.7727		20	60	1	S2	THWN	S2	IMC
10	LIGHTING / E.R.	830	1.00			3.7727		20	60	1	S2	THWN	S2	IMC
11	C.O. / E.R.	1,080	0.80				3.9273	20	60	1	S2	THWN	S2	IMC
12	C.O. / INFORMATION COUNTER (LOBBY)	1,080	0.80				3.9273	20	60	1	S2	THWN	S2	IMC
13	C.O. / E.R.	1,080	0.80		3.9273			20	60	1	S2	THWN	S2	IMC
14	SPARE / C.O. OPD							20	60	1				
15	C.O. / E.R.	1,080	0.80			3.9273		20	60	1	S2	THWN	S2	IMC
16	C.O. / SOCIAL SERVICES	1,080	0.80			3.9273		20	60	1	S2	THWN	S2	IMC
17	C.O. / E.R.	1,080	0.80				3.9273	20	60	1	S2	THWN	S2	IMC
18	C.O. / E.R.	1,080	0.80				3.9273	20	60	1	S2	THWN	S2	IMC
19	C.O. / E.R. /C.O. PHARMACY	1,080	0.80		3.9273			20	60	1	S2	THWN	S2	IMC
20	C.O. / E.R.	1,080	0.80		3.9273			20	60	1	S2	THWN	S2	IMC
21	SPARE							20	60	1	S2	THWN	S2	IMC
22	SPARE							20	60	1				
23	C.O.	1,080	0.80				3.9273	20	60	1				
24	SPARE							20	60	1	S2	THWN	S2	IMC
25	SPARE							20	60	1				
26	SPARE							20	60	1				
27	SPARE							20	60	1				
28	SPARE							20	60	1				
29	C.O.	1,080	0.80				3.9273	20	60	1	S2	THWN	S2	IMC
30	SPARE							20	60	1				
31	SPARE							20	60	1				
32	SPARE							20	60	1				
33	SPARE / C.O. BUSINESS OFFICES							20	60	1				
34	SPARE							20	60	1				
TOTAL		20,180	0.90		26.87	22.95	31.11			34				

DEMAND FACTOR: 0.80
DEMAND AV: 16,951
MAIN CB: 100AT 100AF 3P 380V
FEEDER:
CODE: X7 TYPE: THWN RACEWAY: IMC
IT=27.4491 AMPS

DESIGNATION: PP-CB-3F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 3
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-CT-3F	50,000	1.00	75.97				20	60	3	X12	THWN	X12	IMC
2	ECB-CT-3F	50,000	1.00	75.97				20	60	3	X12	THWN	X12	IMC
3	SPARE							20	60	3				
4	SPARE							20	60	3				
5	SPARE							20	60	3				
6	SPARE							20	60	3				
7	LIGHTING / LABORATORY	1,210	1.00		5.50			20	60	1	S2	THWN	S2	IMC
8	LIGHTING	1,210	1.00		5.50			20	60	1	S2	THWN	S2	IMC
9	LIGHTING	1,210	1.00			5.50		20	60	1	S2	THWN	S2	IMC
10	LIGHTING / C.O.	1,210	1.00			5.50		20	60	1	S2	THWN	S2	IMC
11	LIGHTING / C.O.	1,210	1.00				5.50	20	60	1	S2	THWN	S2	IMC
12	LIGHTNING / C.O. RADIOLOGY	1,210	1.00				5.50	20	60	1	S2	THWN	S2	IMC
13	LIGHTNING	1,210	1.00		5.50			20	60	1	S2	THWN	S2	IMC
14	LIGHTNING / C.O. RADIOLOGY	1,210	1.00		5.50			20	60	1				
15	LIGHTNING / C.O. RADIOLOGY	1,210	1.00			5.50		20	60	1	S2	THWN	S2	IMC
16	LIGHTNING / C.O. (L.O. @ RADIOLOGY HALLWAY)	1,210	1.00			5.50		20	60	1	S2	THWN	S2	IMC
17	LIGHTNING / C.O. (L.O. @ CT-SCAN)	1,210	1.00				5.50	20	60	1	S2	THWN	S2	IMC
18	LIGHTNING / C.O. (L.O. @ RADIOLOGY)	1,210	1.00				5.50	20	60	1	S2	THWN	S2	IMC
19	LIGHTNING / L.O. (DIAGNOSTIC)	1,210	1.00		5.50			20	60	1	S2	THWN	S2	IMC
20	SPARE / L.O. (DIAGNOSTIC)							20	60	1				
21	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
22	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
23	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
24	C.O. / LAB (HEMATOLOGY)	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
25	C.O. / BLOOD BANK REF	1,080	0.80		4.91			20	60	1	S2	THWN	S2	IMC
26	C.O. / BLOOD BANK REF	1,080	0.80		4.91			20	60	1	S2	THWN	S2	IMC
27	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
28	C.O. / LABORATORY	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
29	SPARE							20	60	1				
30	SPARE							20	60	1				
TOTAL		124,370	0.93	151.94	37.32	41.64	31.82			42				

DEMAND FACTOR: 0.87
DEMAND AV: 108,202
MAIN CB: 300AT 400AF 3P 380V
FEEDER:
CODE: X15 TYPE: THWN RACEWAY: IMC
IT=175.8207 AMPS

DESIGNATION: PP-CB-2F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-NE-4F

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	LIGHTING	725	1.00		3.30			20	60	1	S2	THWN	S2	IMC
2	LIGHTING	795	1.00		3.44			20	60	1	S2	THWN	S2	IMC
3	LIGHTING	75	1.00			3.44		20	60	1	S2	THWN	S2	IMC
4	LIGHTING	795	1.00			3.44		20	60	1	S2	THWN	S2	IMC
5	LIGHTING	795	1.00				3.44	20	60	1	S2	THWN	S2	IMC
6	LIGHTING	795	1.00				3.44	20	60	1	S2	THWN	S2	IMC
7	LIGHTING	795	1.00		3.44			20	60	1	S2	THWN	S2	IMC
8	LIGHTING	795	1.00		3.44			20	60	1	S2	THWN	S2	IMC
9	LIGHTING	795	1.00			3.44		20	60	1	S2	THWN	S2	IMC
10	LIGHTING	795	1.00			3.44		20	60	1	S2	THWN	S2	IMC
11	LIGHTING	795	1.00				3.44	20	60	1	S2	THWN	S2	IMC
12	LIGHTNING	795	1.00				3.44	20	60	1	S2	THWN	S2	IMC
13	LIGHTNING	795	1.00		3.44			20	60	1	S2	THWN	S2	IMC
14	SPARE							20	60	1				
15	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
16	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
17	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
18	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
19	C.O.	1,080	0.80		4.91			20	60	1	S2	THWN	S2	IMC
20	C.O.	1,080	0.80		4.91			20	60	1	S2	THWN	S2	IMC
21	C.O.	1,080	0.80					20	60	1	S2	THWN	S2	IMC
22	C.O.	1,080	0.80					20	60	1	S2	THWN	S2	IMC
23	C.O.	1,080	0.80				4.91	20	60	1	S2	THWN	S2	IMC
24	SPARE							20	60	1				
25	C.O.	1,080	0.80		4.91			20	60	1	S2	THWN	S2	IMC
26	CCTV	300	0.80		1.36			20	60	1	S2	THWN	S2	IMC
27	SPARE							20	60	1				
28	COVERLIGHT	720	0.80				3.27	20	60	1	S2	THWN	S2	IMC
29	SPARE							20	60	1				
30	SPARE							20	60	1				
31	SPARE							20	60	1				
32	SPARE							20	60	1				
33	SPARE							20	60	1				
34	SPARE							20	60	1				
TOTAL		20,937	0.90		33.15	26.85	28.49			33				

DEMAND FACTOR: 0.89
DEMAND AV: 19,267
MAIN CB: 100AT 100AF 3P 380V
FEEDER:
CODE: X7 TYPE: THWN RACEWAY: IMC
IT=28.7575 AMPS

DESIGNATION: PP-CB-4F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 4
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	LIGHTNING	454	1.00		2.06			20	60	3	S2	THWN	S2	IMC
2	LIGHTNING	454	1.00		2.06			20	60	3	S2	THWN	S2	IMC
3	SPARE							20	60	3				
4	SPARE							20	60	3				
5	LIGHTNING	454	1.00				2.06	20	60	3	S2	THWN	S2	IMC
6	CCTV	300	0.80				1.36	20	60	3	S2	THWN	S2	IMC
7	C.O.	900	0.80		4.09			20	60	1	S2	THWN	S2	IMC
8	C.O.	900	0.80		4.09			20	60	1	S2	THWN	S2	IMC
9	C.O.	900	0.80			4.09		20	60	1	S2	THWN	S2	IMC
10	C.O.	900	0.80			4.09		20	60	1	S2	THWN	S2	IMC
11	C.O.	900	0.80				4.09	20	60	1	S2	THWN	S2	IMC
12	C.O.	900	0.80				4.09	20	60	1	S2	THWN	S2	IMC
13	SPARE							20	60	1	S2	THWN	S2	IMC
14	C.O.	900	0.80		4.09			20	60	1	S2	THWN	S2	IMC
15	C.O.	900	0.80			4.09		20	60	1	S2	THWN	S2	IMC
16	SPARE							20	60	1				
17	C.O.	900	0.80				4.09	20	60	1	S2	THWN	S2	IMC
18	C.O.	900	0.80				4.09	20	60	1	S2	THWN	S2	IMC
19	C.O.	900	0.80		4.09			20	60	1	S2	THWN	S2	IMC
20	C.O.	900	0.80		4.09			20	60	1				
21	C.O.	900	0.80			4.09		20	60	1	S2	THWN	S2	IMC
22	SPARE							20	60	1				
23	LIGHTNING	454	0.80				4.09	20	60	1	S2	THWN	S2	IMC
24	C.O.	1,080	0.80				4.09	20	60	1	S2	THWN	S2	IMC
TOTAL		14,896	0.83		24.57	16.36	27.96			42				

DEMAND FACTOR: 0.80
DEMAND AV: 11,917
MAIN CB: 60AT 60AF 3P 380V
FEEDER:
CODE: X5 TYPE: THWN RACEWAY: IMC
IT=18.8210 AMPS

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LANDRADE S. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: SCHEDULE OF LOADS
SHEET NO.: E 05/73

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:
CONTRACTOR

DESIGNATION: PP-CB-5F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 5
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	LIGHTNING	1,285	1.00		5.84			20	60	1	S2	THWN	S2	IMC
2	LIGHTNING	450	1.00		2.05			20	60	1	S2	THWN	S2	IMC
3	LIGHTNING	495	1.00			2.25		20	60	1	S2	THWN	S2	IMC
4	SPARE							20	60	1				
5	SPARE							20	60	1				
6	SPARE							20	60	1				
7	SPARE							20	60	1				
8	C.O.	720	0.88		3.27			20	60	1	S2	THWN	S2	IMC
9	C.O.	1,080	0.90			4.91		20	60	1	S2	THWN	S2	IMC
10	C.O.	1,440	0.60			6.55		20	60	1	S2	THWN	S2	IMC
11	C.O.	1,080	0.90				4.91	20	60	1	S2	THWN	S2	IMC
12	C.O.	720	0.90				3.27	20	60	1	S2	THWN	S2	IMC
13	C.O.	1080	0.90		4.91			20	60	1	S2	THWN	S2	IMC
14	C.O.	1,080	0.90		4.91			20	60	1	S2	THWN	S2	IMC
15	C.O.	1,080	0.90			4.91		20	60	1	S2	THWN	S2	IMC
16	SPARE							20	60	1				
17	SPARE							20	60	1				
18	SPARE							20	60	1				
19	SPARE							20	60	1				
20	SPARE							20	60	1				
21	SPARE							20	60	1				
22	SPARE							20	60	1				
23	SPARE							20	60	1				
24	SPARE							20	60	1				
TOTAL		10,510	0.85		20.98	18.62	8.18			24				

DEMAND FACTOR: 0.98
DEMAND AV: 10,294
MAIN CB: 60AT 60AF 3P 380V
FEEDER:
CODE: X5 TYPE: THWN RACEWAY: IMC
IT= 13.6466 AMPS

DESIGNATION: PP-CB-6F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 6
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	LIGHTNING	1,132	1.00		5.15			20	60	1	S2	THWN	S2	IMC
2	LIGHTNING	967	1.00		4.39			20	60	1	S2	THWN	S2	IMC
3	LIGHTNING	437	1.00			1.99		20	60	1	S2	THWN	S2	IMC
4	LIGHTNING	397	1.00			1.80		20	60	1	S2	THWN	S2	IMC
5	C.O.	1,080	0.90				4.91	20	60	1	S2	THWN	S2	IMC
6	C.O.	1,080	0.90				4.91	20	60	1	S2	THWN	S2	IMC
7	C.O.	1,620	0.90		7.35			20	60	1	S2	THWN	S2	IMC
8	C.O.	900	0.90		4.09			20	60	1	S2	THWN	S2	IMC
9	C.O.	1,080	0.90			4.91		20	60	1	S2	THWN	S2	IMC
10	C.O.	360	0.90			1.64		20	60	1	S2	THWN	S2	IMC
11	C.O.	194	0.90				0.88	20	60	1	S2	THWN	S2	IMC
12	LIGHTNING	605	1.00				2.75	20	60	1	S2	THWN	S2	IMC
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
17	SPARE							20	60	1				
18	SPARE							20	60	1				
19	SPARE							20	60	1				
20	SPARE							20	60	1				
21	SPARE							20	60	1				
22	SPARE							20	60	1				
23	SPARE							20	60	1				
24	SPARE							20	60	1				
TOTAL		9,852	0.88		20.98	10.34	13.45			24				

DEMAND FACTOR: 0.88
DEMAND AV: 8,628
MAIN CB: 60AT 60AF 3P 380V
FEEDER:
CODE: X5 TYPE: THWN RACEWAY: IMC
IT= 12.2326 AMPS

DESIGNATION: PP-CB-6F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 6
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-CB-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	DP-ES-URD	130,710	0.80	198.83				400	400	3	2X11	THWN	2X11	IMC
2	DP-ES-URD1	247,116	0.80	375.90				500	600	3	2T13	THWN	2T13	IMC
3	DP-ES-RD	135795	0.80	206.50				225	225	3	X12	THWN	X12	IMC
4	DP-ES-B1	58200	0.80	88.53				150	225	3	X10	THWN	X10	IMC
5	PP-ES-5F	67,829	0.80	103.16				100	100	3	X7	THWN	X7	IMC
6	PP-ES-GF	42,713	0.80	64.97				100	100	3	X7	THWN	X7	IMC
7	PP-ES-4F	16,475	0.80	25.06				70	100	3	X6	THWN	X6	IMC
8	PP-ES-6F	11,500	0.80	17.49				40	60	3	X4	THWN	X4	IMC
9	PP-ES-2F	10,505	0.80	15.98				40	60	3	X4	THWN	X4	IMC
10	PP-ES-3F	18,570	0.80	28.25				60	60	3	X5	THWN	X5	IMC
11	PP-NE-GF (CONNECTED TO DP-NE-GF)	30.8M	0.80	46.99				60	60	3	X5	THWN	X5	IMC
12	VRF1	8,760	0.80	13.33				60	60	3	X5	THWN	X5	IMC
13	VRF2	8,760	0.80	13.33				60	60	3	X5	THWN	X5	IMC
TOTAL		787,774	0.80	1,198.32						39				

DEMAND FACTOR: 0.80
DEMAND AV: 630,219
MAIN CB: 1600AT 1600AF 3P 380V
FEEDER:
CODE: 5X15 TYPE: THWN RACEWAY: IMC
IT= 997.5471 AMPS

DESIGNATION: PP-CB-6F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 6
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: DP-ES-B1

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	JET FAN	1,750	0.80	2.66				20	60	3	T2	THWN	T4	IMC
2	JET FAN	1,750	0.80	2.66				20	60	3	T2	THWN	T4	IMC
3	JET FAN	1750	0.80	2.66				20	60	3	T2	THWN	T4	IMC
4	SPARE							20	60	3				
5	ECB-FUEL PUMP	2,300	0.80	3.50				20	60	3	T2	THWN	T2	IMC
6	ECB-LAUNDRY	5,000	0.80	7.61				20	60	3	T2	THWN	T2	IMC
7	SPARE							50	60	3		THWN		IMC
8	ECB-AHU	6,000	0.80	9.22				50	60	3	T4	THWN	T2	IMC
9	ECB-WASTE DISPOSAL	1,300	0.80	1.98				20	60	3	T2	THWN	T2	IMC
10	SPARE							50	60	3				
11	EXHAUST BLOWER	150	0.80	0.23				20	90	3	T2	THWN	T2	IMC
12	ELEVATOR PUMP	450	0.80		2.05			20	60	1	S2	THWN	S2	IMC
13	LIGHTNING	480	0.80			2.18		20	60	1	S2	THWN	S2	IMC
14	ECB-ACU	2,300	0.80			10.45		20	60	1	S3	THWN	S3	IMC
TOTAL		21,540	0.80	30.52	2.05	12.63				36				

DEMAND FACTOR: 0.80
DEMAND AV: 18,632
MAIN CB: 100AT 100AF 3P 380V
FEEDER:
CODE: X150 TYPE: THWN RACEWAY: IMC
IT= 26.1821 AMPS

DESIGNATION: PP-CB-6F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 6
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: DP-ES-B1

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-JF	1,750	0.80	2.66				50	100	3	T5	THWN	T5	IMC
2	PP-ES-B1	23,290	0.80	35.42				100	100	3	T5	THWN	T5	IMC
3	ECB-SEF	11150	0.80	16.94				50	100	3	T3	THWN	T5	IMC
4	PUMP MOTOR	1,750	0.80	2.66				100	60	3	T3	THWN	T3	IMC
5	LAUNDRY	5,000	0.80	59.83				50	60	3	T5	THWN	T3	IMC
6	PUMP MOTOR	11,500	0.80	17.49				100	60	3	T3	THWN	T3	IMC
7	ACU	900	0.80		4.45			20	60	1	S2	THWN	S2	IMC
8	LIGHTNING	809	1.00		4.01			20	60	1	S2	THWN	S2	IMC
9	LIGHTNING	900	1.00					20	60	1	S2	THWN	S2	IMC
10	ACU	950	0.80					20	60	1	S3	THWN	S3	IMC
TOTAL		58,200	0.84	135.10	8.46					22				

DEMAND FACTOR: 0.82
DEMAND AV: 47,724
MAIN CB: 150AT 400AF 3P 380V
FEEDER:
CODE: X10 TYPE: THWN RACEWAY: IMC
IT= 74.2796 AMPS

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)
ENGR. CARLA L. BELLIN (ENGINEER I)
ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)
ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAARNI JESSE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: SCHEDULE OF LOADS
SHEET NO.: E 06 73

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:
CONTRACTOR

DESIGNATION: PP-CB-GF
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 1
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	EXHAUST FAN / T-VAULT	4,126	0.80	6.26				20	60	3	T2	THWN	T2	IMC
2	EXHAUST FAN / T-VAULT	4,126	0.80	6.26				20	60	3	T2	THWN	T2	IMC
3	EXHAUST FAN / T-VAULT	4129	0.80	6.26				20	60	3	T2	THWN	T2	IMC
4	ECB-ACCU	27,080	0.80	41.16				30	60	3	T2	THWN	T2	IMC
5	FCU	1,200	0.80	4.12				20	60	3	T2	THWN	T2	IMC
6	SPARE							20	60	3				
7	SPARE / WAITING AREA (SOACIAL SERVICES) FCU							20	60	1				
8	C.O. / LOBBY (ATM'S)	1,000	0.80		4.55			20	60	1	S2	THWN	S2	IMC
9	SPARE / ECB (RAMP TO BASEMENT)							20	60	1				
10	SPARE / FCU'S (OPD)							20	60	1				
11	SPARE							20	60	1				
12	SPARE / PHARMA (FCU) / ECB-ACCU-30AT, 1P / ECB-EF-L1-04, 20AT, 1P							20	60	1				
13	COVELIGHT / FCU'S (OUT PATIENT)	689	0.80		3.13			20	60	1	S3	THWN	S3	IMC
14	SPARE / FCU'S (OUT PATIENT) / ECB-ACCU-30AT, 1P							20	60	1				
15	SPARE / FCU'S-SOCIAL SERVICES							20	60	1				
16	SPARE							20	60	1				
17	EXHAUST FAN / (STP)	370.00	0.80				1.70	20	60	1	S2	THWN	S2	IMC
18	SPARE / FCU'S (OUT PATIENT)							20	60	1				
TOTAL		42,713	0.80	64.06	7.68		1.70			30				

DEMAND FACTOR: 0.80
DEMAND AV: 34,170
MAIN CB: 100AT 100AF 3P 380V
FEEDER:
CODE: X7 TYPE: THWN RACEWAY: IMC
IT= 51.5181 AMPS

DESIGNATION: PP-ES-2F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-AHU-L2-01	3,820	0.80	5.80				20	60	3	T2	THWN	T2	IMC
2	ECB-AHU-L2-02	6,060	0.80	9.21				30	60	3	T2	THWN	T2	IMC
3	SPARE							20	60	3				
4	SPARE							20	60	3				
5	ECB-EF	375	0.80		1.70			20	60	1	S2	THWN	T2	IMC
6	ECB-TEF	250	0.80		1.14			20	60	1	S2	THWN	T2	IMC
7	SPARE							20	60	1				
8	SPARE							20	60	1				
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
TOTAL		10,505	0.80	15.01	2.84					22				

DEMAND FACTOR: 0.80
DEMAND AV: 8,404
MAIN CB: 40AT 60AF 3P 380V
FEEDER:
CODE: X4 TYPE: THWN RACEWAY: IMC
IT= 12.7699 AMPS

DESIGNATION: PP-ES-2F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-AHU-L3-01	6,060	0.80	9.21				20	60	3	T2	THWN	T2	IMC
2	ECB-AHU-L3-02	3,820	0.80	5.80				20	60	3	T2	THWN	T2	IMC
3	ECB-AHU-L3-03	2,390	0.80	3.63				20	60	3	T2	THWN	T2	IMC
4	ECB-AHU-L3-04	2,390	0.80	3.63				20	60	3	T2	THWN	T2	IMC
5	ECB-AHU-L3-05	2,170	0.80	4.12				20	60	3	T2	THWN	T2	IMC
6	SPARE							20	60	3				
7	SPARE							20	60	3				
8	FCU	400	0.80	1.82				20	60	1	S2	THWN	T2	IMC
9	FCU	400	0.80		1.82			20	60	1	S2	THWN	T2	IMC
10	FCU	400	0.80		1.82			20	60	1	S2	THWN	T2	IMC
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
TOTAL		18,030	0.80	28.21	3.64					30				

DEMAND FACTOR: 0.80
DEMAND AV: 14,856
MAIN CB: 60AT 60AF 3P 380V
FEEDER:
CODE: X5 TYPE: THWN RACEWAY: IMC
IT= 21.9136 AMPS

DESIGNATION: PP-ES-4F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	SPARE							20	60	3				
2	SPARE							30	60	3				
3	SPARE							20	60	3				
4	SPARE							20	60	3				
5	SPARE							20	60	3				
6	SPARE							20	60	3				
7	SPARE							20	60	1				
8	SPARE							20	60	1				
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
TOTAL		16,475	0.85							30				

DEMAND FACTOR: 0.85
DEMAND AV: 13,976
MAIN CB: 70AT 100AF 3P 380V
FEEDER:
CODE: X6 TYPE: THWN RACEWAY: IMC
IT= 22.58 AMPS

DESIGNATION: PP-ES-4F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-AHU-LS-01	6,060	0.80	9.21				30	60	3	T2	THWN	T2	IMC
2	SPARE							30	60	3				
3	MIS	23,000	0.80	34.98				40	60	3	T2	THWN	T2	IMC
4	SPARE							30	60	3				
5	WAC	1,370	0.80		6.23			20	60	1	T2	THWN	T2	IMC
6	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
7	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
8	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
9	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
10	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
11	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
12	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
13	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
14	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
15	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
16	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
17	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
18	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
19	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
20	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
21	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
22	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
23	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
24	WAC	1,370	0.80		6.23			20	60	1	S2	THWN	S2	IMC
25	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
26	WAC	1,370	0.80			6.23		20	60	1	S2	THWN	S2	IMC
27	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
28	WAC	1,370	0.80				6.23	20	60	1	S2	THWN	S2	IMC
29	ORBIT FAN	355	0.80		1.61			20	60	1	S2	THWN	S2	IMC
30	ECB-AHU-LS-02	3,750	0.80		17.05			20	60	1	S2	THWN	S2	IMC
31	ORBIT FAN	355	0.80			1.61		20	60	1	S2	THWN	S2	IMC
32	ORBIT FAN	355	0.80			1.61		20	60	1	S2	THWN	S2	IMC
33	ORBIT FAN	355	0.80				1.61	20	60	1	S2	THWN	S2	IMC
34	C.O	710	0.80				3.22	20	60	1	S2	THWN	S2	IMC
TOTAL		67,820	0.80	44.19	68.50	53.05	54.67			42				

DEMAND FACTOR: 0.80
DEMAND AV: 54,256
MAIN CB: 100AT 60AF 3P 380V
FEEDER:
CODE: X7 TYPE: THWN RACEWAY: IMC
IT= 52.4359 AMPS

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C. ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAWRENCE S. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: SCHEDULE OF LOADS
SHEET NO.: E 07/73

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:
CONTRACTOR

DESIGNATION: PP-ES-4F
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	SPARE							20	60	3				
2	SPARE							20	60	3				
3	SPARE							20	60	3				
4	SPARE							20	60	3				
5	SPARE							20	60	3				
6	SPARE							20	60	3				
7	SPARE							20	60	3				
8	SPARE							20	60	3				
9	SPARE							20	60	1				
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
17	SPARE							20	60	1				
18	SPARE							20	60	1				
19	SPARE							20	60	1				
20	SPARE							20	60	1				
21	SPARE							20	60	1				
22	SPARE							20	60	1				
TOTAL		11,500	0.85							38				

DEMAND FACTOR: 0.80
DEMAND AV: 9,200
MAIN CB: 40AT 100AF 3P 380V
FEEDER:
CODE: X6 TYPE: THWN RACEWAY: IMC
IT= 13.96 AMPS

DESIGNATION: PP-ES-RD-1
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-CHILLER #1	83,750	0.80	127.25				200	60	3	T11	THWN	T11	IMC
2	ECB- CHILLER MIS	41430	0.80	62.95				160	60	3	T10	THWN	T10	IMC
3	BLOWER	1,650	0.80	2.50				20	60	3	T2	THWN	T2	IMC
4	FCU	1,425	0.80	2.17				20	60	3	T2	THWN	T2	IMC
5	BLOWER	1,650	0.80	2.50				20	60	3	T2	THWN	T2	IMC
6	FCU	1,425	0.80	2.17				20	60	3	T2	THWN	T2	IMC
7	SPARE							20	60	3				
8	FCU	1,425	0.80	2.17				20	60	3	S2	THWN	S2	IMC
9	HANDRYER	3,000	0.80				13.64	20	60	1	S2	THWN	S2	IMC
10	SPARE							20	60	1				
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
17	SPARE							20	60	1				
18	SPARE							20	60	1				
19	SPARE							20	60	1				
20	SPARE							20	60	1				
21	SPARE							20	60	1				
22	SPARE							20	60	1				
23	SPARE							20	60	1				
24	SPARE							20	60	1				
TOTAL		135,755	0.80	201.71			13.64			40				

DEMAND FACTOR: 0.80
DEMAND AV: 108,604
MAIN CB: 225AT 225AF 3P 380V
FEEDER:
CODE: X6 TYPE: THWN RACEWAY: IMC
IT=165.9115 AMPS

DESIGNATION: PP-ES-RD-1
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	SPARE							200	225	3				
2	ECB-CHILLER #2	83,750	0.80	127.25				150	225	3	T11	THWN	T11	IMC
3	ECB-CHILLER #3	83,750	0.80	127.25				100	100	3	T11	THWN	T11	IMC
4	ECB=CHW-01	14,000	0.80	21.27				100	100	3	T7	THWN	T7	IMC
5	ECB-ACCU	8,760	0.80	9.21				100	100	3	T7	THWN	T7	IMC
6	ECB-CHW-02	14,000	0.80	21.27				30	60	3	T3	THWN	T3	IMC
7	SPARE							30	60	3				
8	ECB-AHU	6,000	0.80	9.21				20	60	3	T3	THWN	T3	IMC
9	ECB-ACCU	8,760	0.80	13.31				20	60	3	T2	THWN	T2	IMC
10	ECB-ACCU	8,760	0.80	13.31				20	60	3	T2	THWN	T2	IMC
11	ECB-ACCU	8,760	0.80	13.31				20	60	3	T2	THWN	T2	IMC
12	ECB-BPNP-URD	10,516	0.80	15.98				30	60	3	T2	THWN	T2	IMC
13	SPACE							20	60	3				
14	SPACE							20	60	3				
TOTAL		247,118	0.80	371.37						42				

DEMAND FACTOR: 0.80
DEMAND AV: 197,695
MAIN CB: 500AT 600AF 3P 380V
FEEDER:
CODE: 2T13 TYPE: THWN RACEWAY: IMC
IT= 300.72 AMPS
IT=300.3744 AMPS

DESIGNATION: PP-ES-RD-1
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL 2
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	ECB-VRF	51,790	0.80	78.69				200	225	3	T11	THWN	T11	IMC
2	PP-ES-URD	20,300	0.80	30.88				150	225	3	T8	THWN	T8	IMC
3	SPARE							100	100	3		THWN		
4	ECB-EF	3,820	0.80	5.80				100	100	3	T7	THWN	T7	IMC
5	ECB-ACCU	8,760	0.80	13.31				100	100	3	T7	THWN	T7	IMC
6	ECB-AHU	6,000	0.80	9.21				30	60	3	T3	THWN	T3	IMC
7	ECB-ACCU	8,760	0.80	13.31				30	60	3	T3	THWN	T3	IMC
8	ECB-ACCU	8,760	0.80	13.31				20	60	3	T3	THWN	T3	IMC
9	ACB-AHU	6,000	0.80	9.21				20	60	3	T2	THWN	T2	IMC
10	ECB-ACCU	3,820	0.80	5.80				20	60	3	T2	THWN	T2	IMC
11	ECB-BLOWER	3,820	0.80	5.80				20	60	3	T2	THWN	T2	IMC
12	ECB-ACCU	8,760	0.80	13.31				20	60	3	T2	THWN	T2	IMC
13	SPARE							20	60	3				
14	SPARE							20	60	3				
TOTAL		130,710	0.80	198.63						42				

DEMAND FACTOR: 0.80
DEMAND AV: 104,568
MAIN CB: 400AT 400AF 3P 380V
FEEDER:
CODE: 2X11 TYPE: THWN RACEWAY: IMC
IT=158.8793 AMPS

DESIGNATION: PP-ES-URD
SYSTEM: 380/220 VOLTS, 3Φ, 4 WIRE + GROUND, 60Hz
MIN. I. C.: 25 KA
LOCATION: EE ROOM LEVEL UPPER ROOF DECK
MOUNTING: SURFACE
ENCLOSURE: NEMA - 1
FEED: SMDB-ES-GF

CKT. NO.	LOAD DESCRIPTION	CONNECTED LOAD VA	D.F.	AMPERE 3Φ	ΦAN	ΦBN	ΦCN	OVERCURRENT PROTECTION AT	AF	P	CONDUCTORS CODE	TYPE	RACEWAY CODE	TYPE
1	SPARE							40	60	3				
2	VERTICAL PUMP	1,875	0.80	2.85				40	60	3	T3	THWN	T3	IMC
3	ECB-EF	1,875	0.80	2.85				40	60	3	T3	THWN	T3	IMC
4	ECB-EF	1,875	0.80	2.85				30	60	3	T2	THWN	T2	IMC
5	SPARE							30	60	3	T2	THWN	T2	IMC
6	SPARE							20	60	3	T2	THWN	T2	IMC
7	ECB-PAHU	10,000	0.80	15.21				20	60	3	T2	THWN	T2	IMC
8	ECB-MOTOR2	1,875	0.80	2.85				20	60	3	T2	THWN	T2	IMC
9	ECB-VRF	925	0.80	1.41				20	60	3	T2	THWN	T2	IMC
10	ECB-COTOR3	1,875	0.80	2.85				20	60	3	T2	THWN	T2	IMC
11	SPARE							20	60	1				
12	SPARE							20	60	1				
13	SPARE							20	60	1				
14	SPARE							20	60	1				
15	SPARE							20	60	1				
16	SPARE							20	60	1				
TOTAL		20,300	0.80	30.87						36				

DEMAND FACTOR: 0.80
DEMAND AV: 16,240
MAIN CB: 150AT 225AF 3P 380V
FEEDER:
CODE: X10 TYPE: THWN RACEWAY: IMC
IT= 24.70 AMPS
IT=24.6749 AMPS

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO C. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LANDRUM JOE D. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

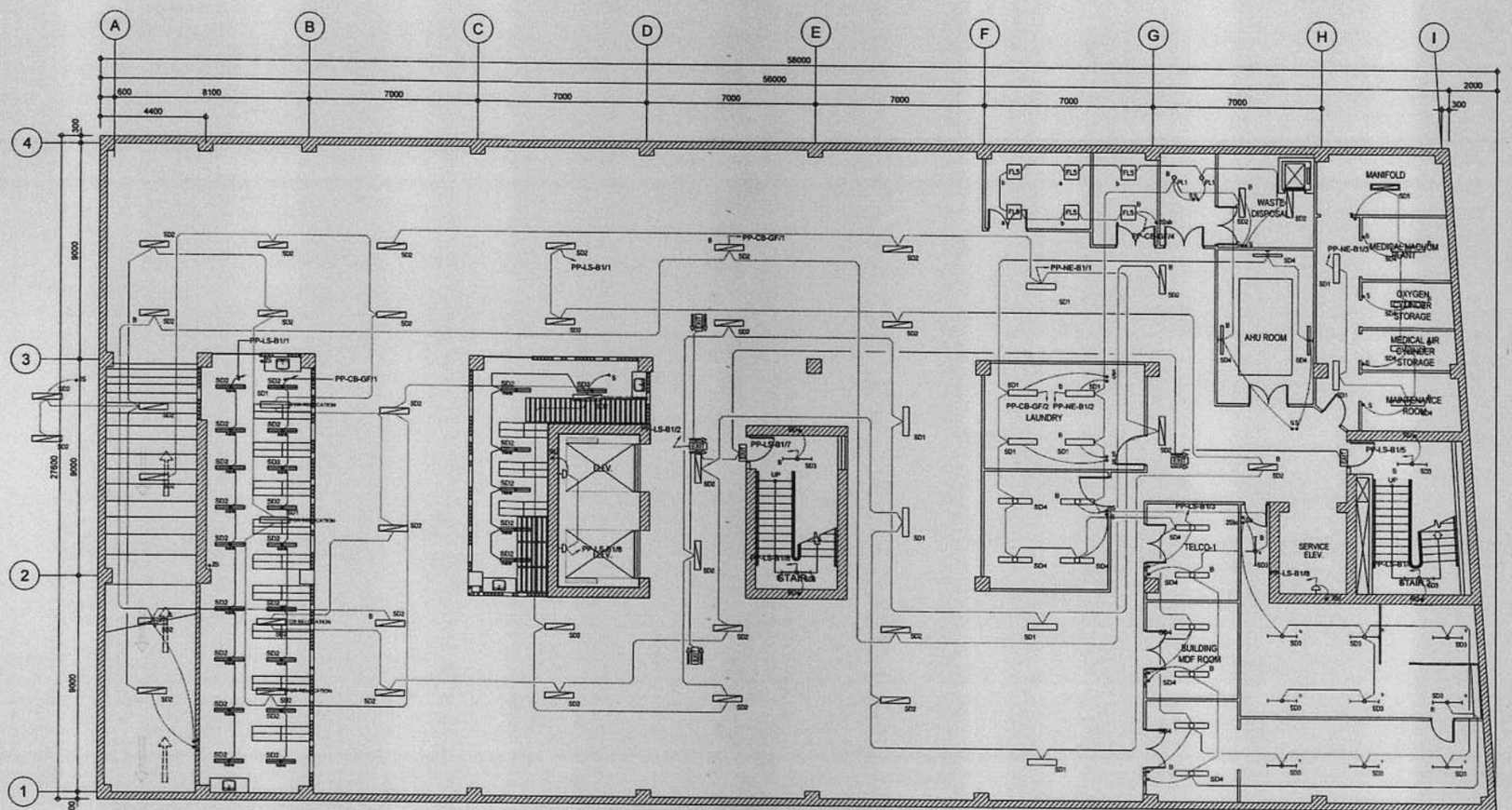
APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:
SCHEDULE OF LOADS

SHEET NO.:
E
08|73

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:
CONTRACTOR



PROPOSED REPAIR WORKS

BASEMENT LIGHTING LAYOUT

01 / A 03

SCALE 1 : 100 MM.

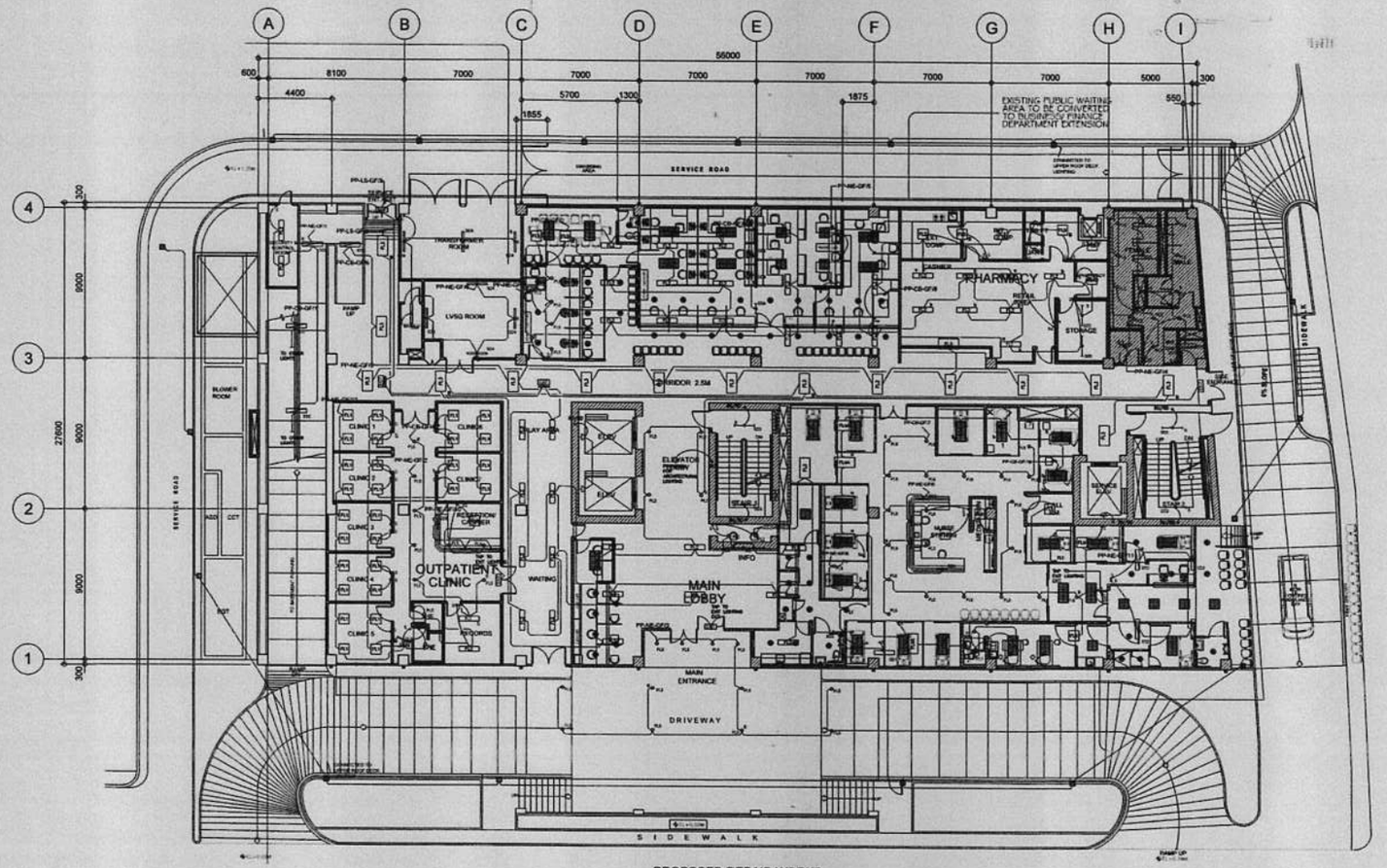
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGINEER I ENGR. CARLA L. BELLIN ENGINEER I ENGR. EDUARDO G. BARRUGA JR. ENGINEER I ENGR. JOHN JOSHUA T. CORTES ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: LIGHTING LAYOUT	SHEET NO. E 09/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



SCOPE OF WORKS:

1. Installation of Lighting Fixtures and Convenience Outlets at Finance Department and some areas at Emergency Room.
2. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
3. Installation of Emergency Lights

PROPOSED REPAIR WORKS

GROUND FLOOR LIGHTING LAYOUT

01 / A / 05

SCALE 1 : 150 MM

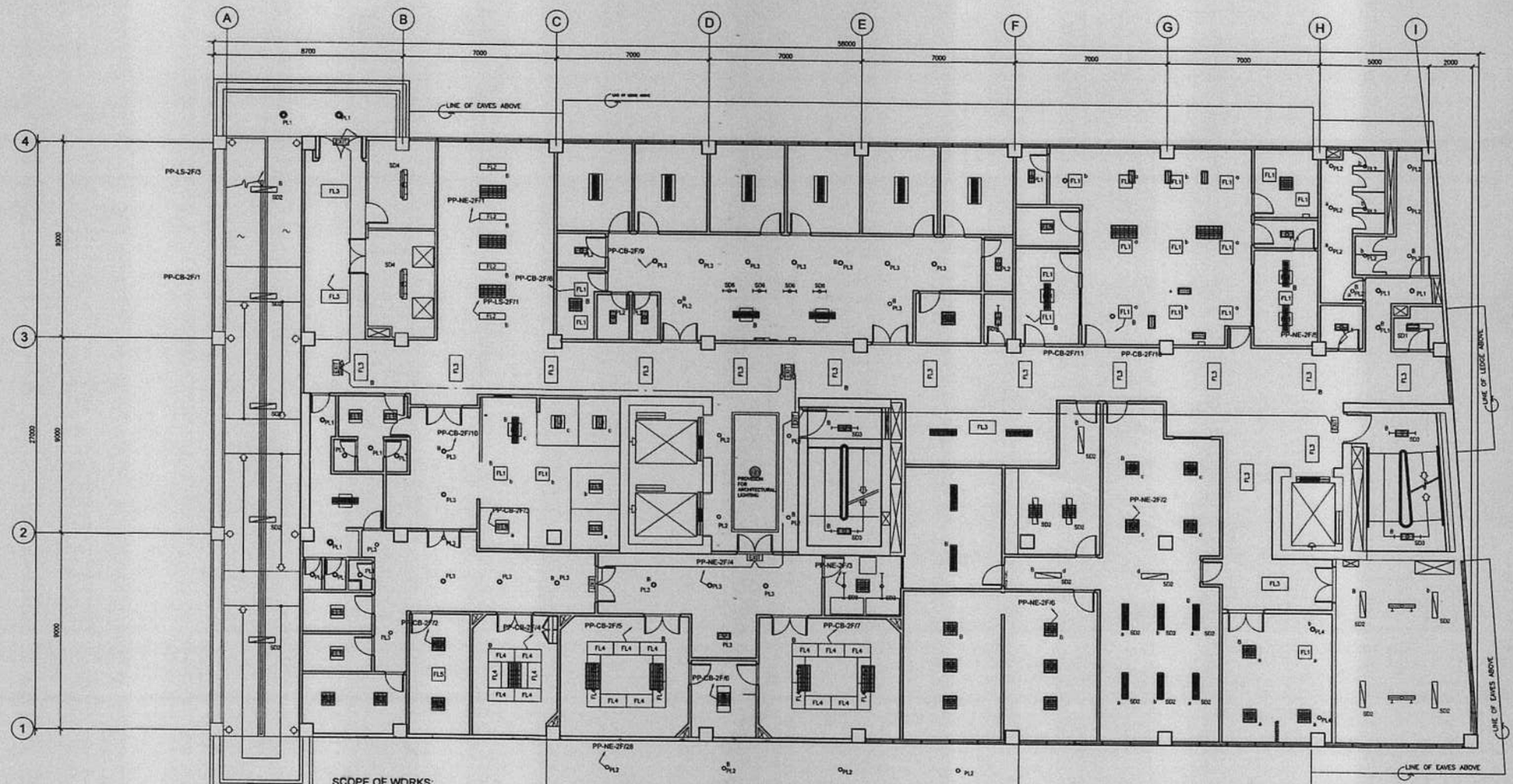
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: LIGHTING LAYOUT	SHEET NO.: E 10/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



SCOPE OF WORKS:

1. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
2. Installation of Emergency Lights
3. Replacement of Down light fixtures from CFL to LED Panelized Type

EXISTING
SECOND FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1:150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :
ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

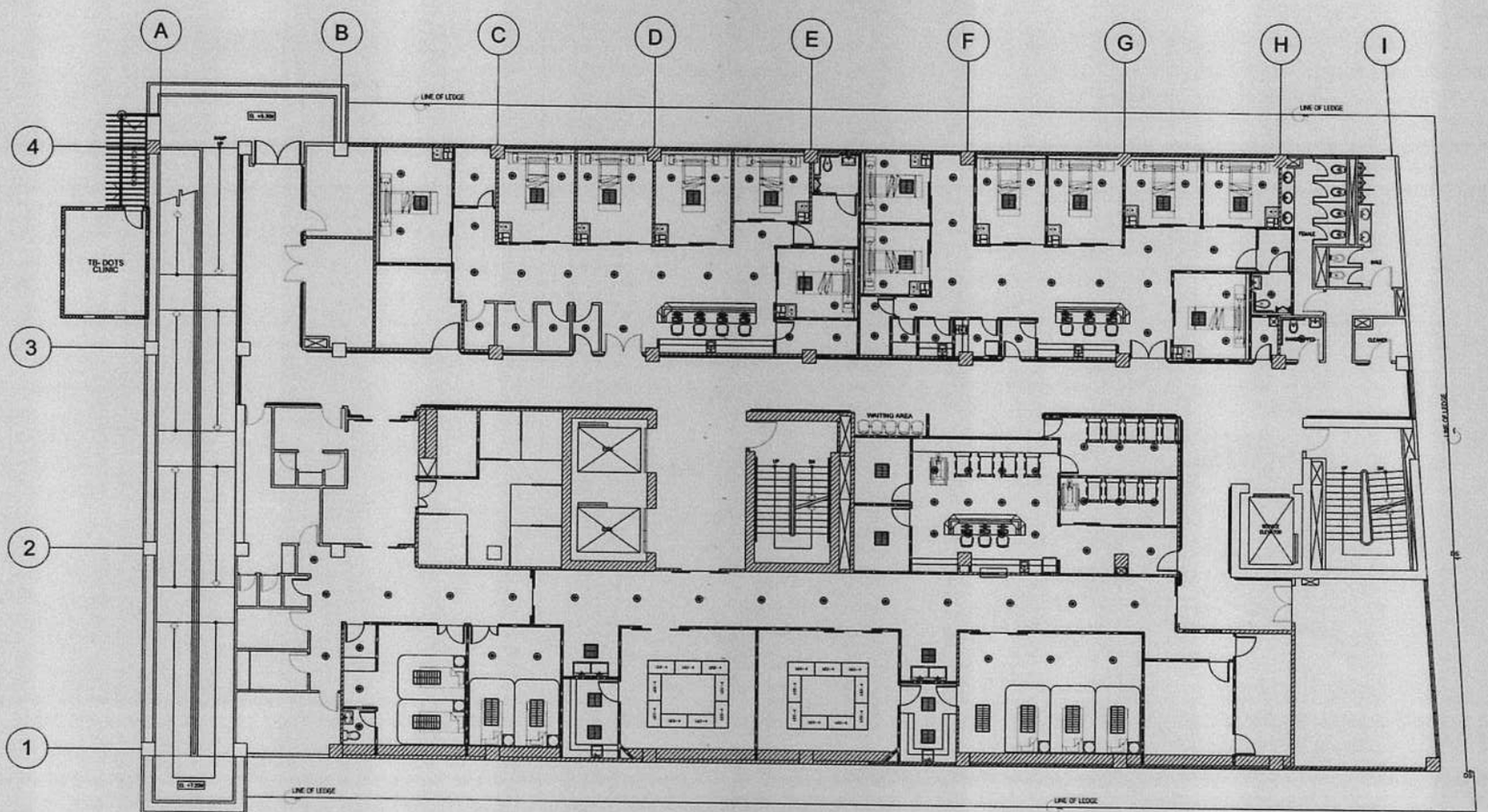
APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EXISTING LIGHTING LAYOUT

SHEET NO.: E 11/73

IMPORTANT NOTES:
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :
CONTRACTOR



PROPOSED LAYOUT FOR REPAIR WORKS

SECOND FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Lighting Fixtures at Intensive Care Unit Wards and Operating Rooms.
2. Tapped to existing Panelboards.
3. Rewiring of Electrical System.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. MARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. CHARMAINE B. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: LIGHTING LAYOUT	SHEET NO.: E 12 73

IMPORTANT NOTES:

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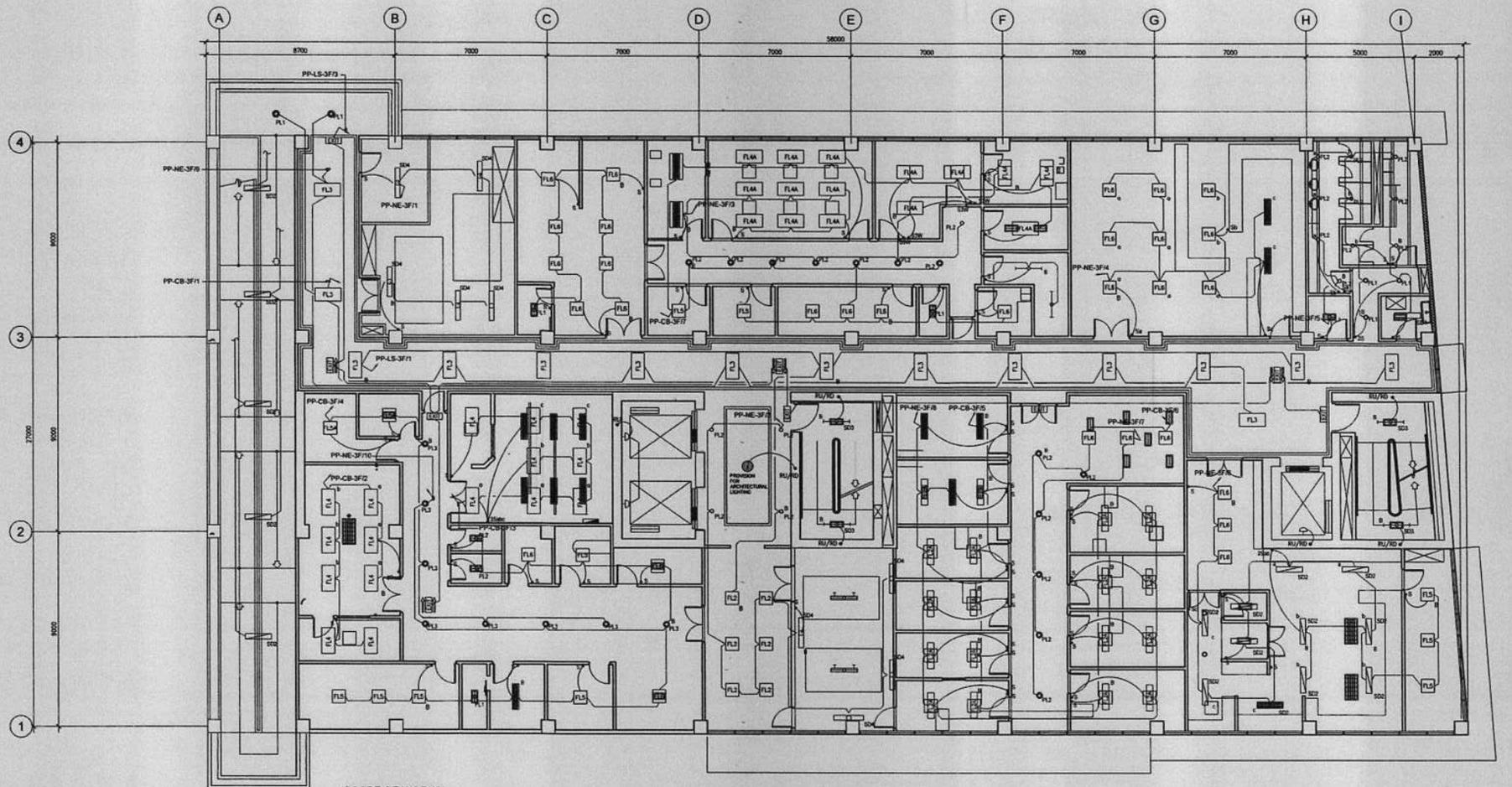
CONFORME & ACCEPTED BY:

CONTRACTOR



SCOPE OF WORKS:

1. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
2. Installation of Emergency Lights
3. Replacement of Down light fixtures from CFL to LED Panelized Type

01 / A 07

EXISTING

THIRD FLOOR LIGHTING LAYOUT

SCALE 1: 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

EXISTING LIGHTING LAYOUT

SHEET NO.:

E
13/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, ENGINEER'S OPINION IS FINAL AND THE DESIGN OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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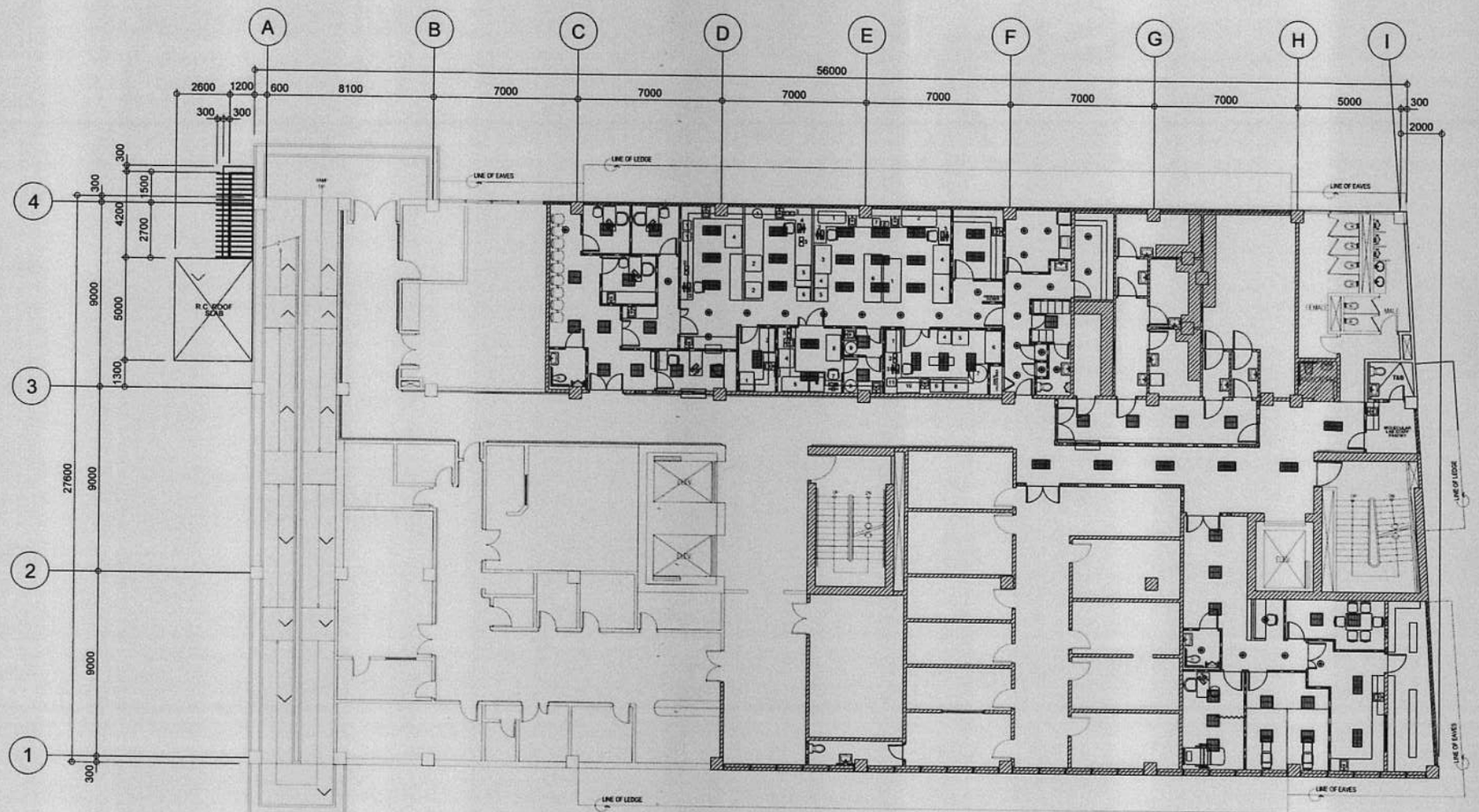

PROPOSED LAYOUT FOR REPAIR WORKS

THIRD FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1 : 150 MM

SCOPE OF WORKS:

1. Installation of New Lighting Fixtures at Intensive Care Unit Wards and Operating Rooms.
2. Tapped to existing Lighting Circuit Homeruns of Panelboards.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. BRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: LIGHTING LAYOUT

SHEET NO.: E 14/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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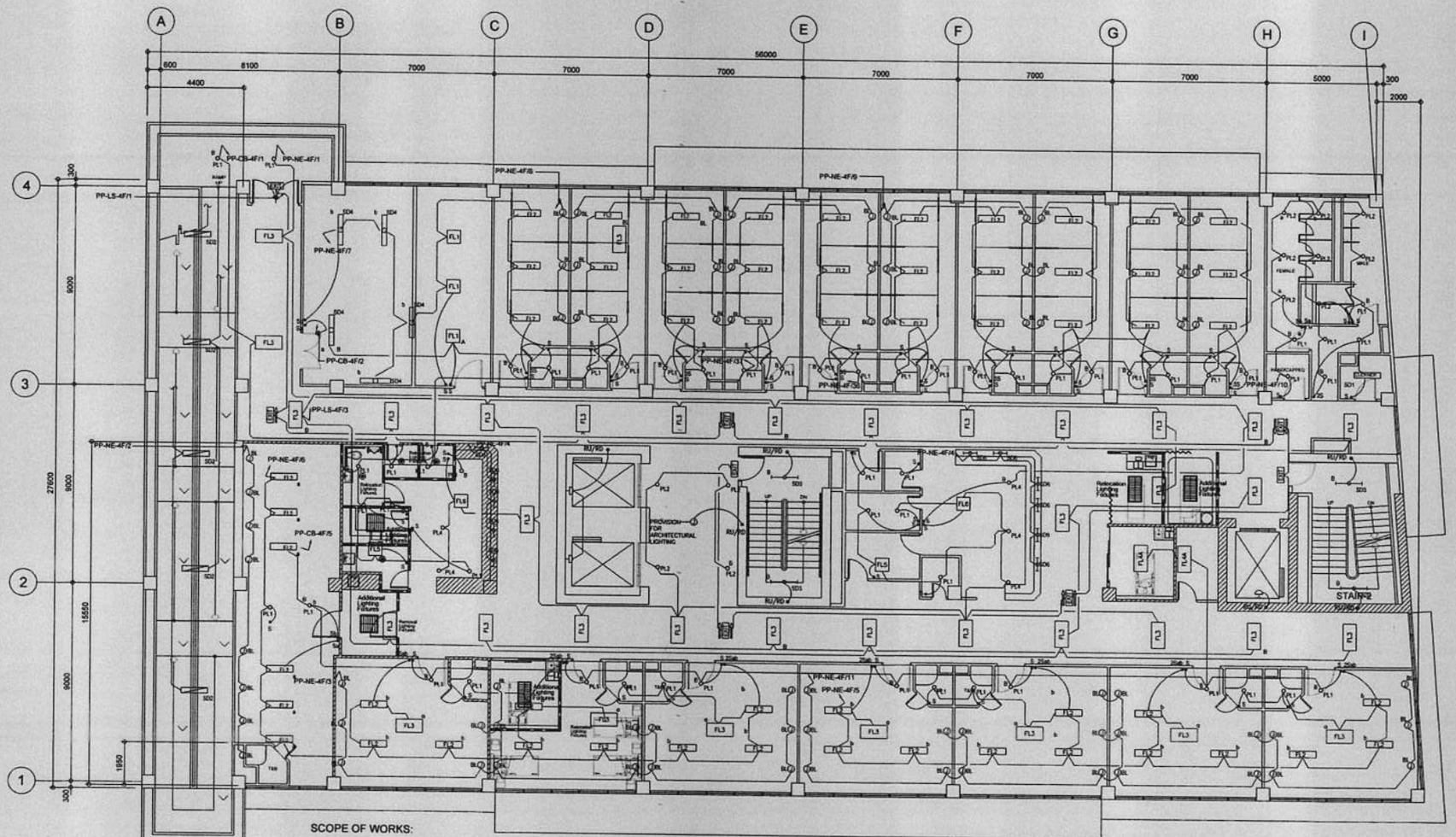

SCOPE OF WORKS:

1. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
2. Relocation of Lighting Fixtures affected by new partition.
3. Replacement of Down light fixtures from CFL to LED Panelized Type

EXISTING
FOURTH FLOOR LIGHTING LAYOUT

01 / A / 07

SCALE 1 : 100 MM

SCOPE OF WORKS:

1. Additional Hospital grade Outlet Treatment and Medication Room.
2. Additional Lighting Fixtures at Proposed Revised Rooms.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGINEER I ENGR. CARLA L. BELLIN ENGINEER I ENGR. EDUARDO G. BARRUGA JR. ENGINEER I ENGR. JOHN JOSHUA T. CORTES ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO ASST. CITY ENGR. - PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: EXISTING LIGHTING LAYOUT	SHEET NO.: E 15 / 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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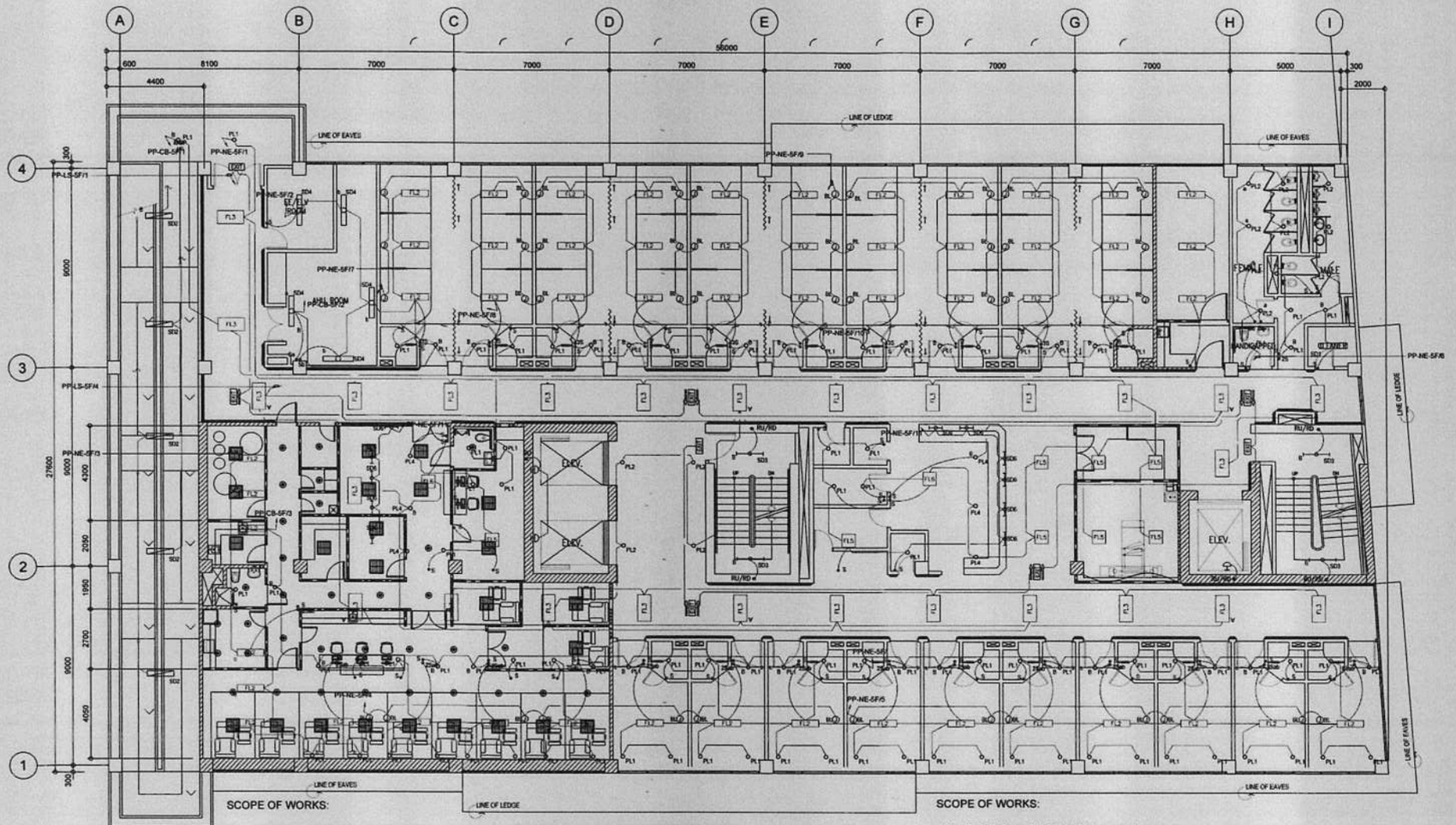

SCOPE OF WORKS:

1. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
2. Relocation of Lighting Fixtures affected by new partition.
3. Replacement of Down light fixtures from CFL to LED Panelized Type

PROPOSED LAYOUT FOR REPAIR WORKS

FIFTH FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1 : 150 MM

SCOPE OF WORKS:

1. Installation of Lighting Fixtures and Convenience Outlets
2. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
3. Installation of Emergency Lights

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I) ENGR. CARLA L. BELLIN (ENGINEER I) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I) ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO PROJ. PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: EXISTING AND PROPOSED LIGHTING LAYOUT	SHEET NO.: E 16/73

IMPORTANT NOTES:

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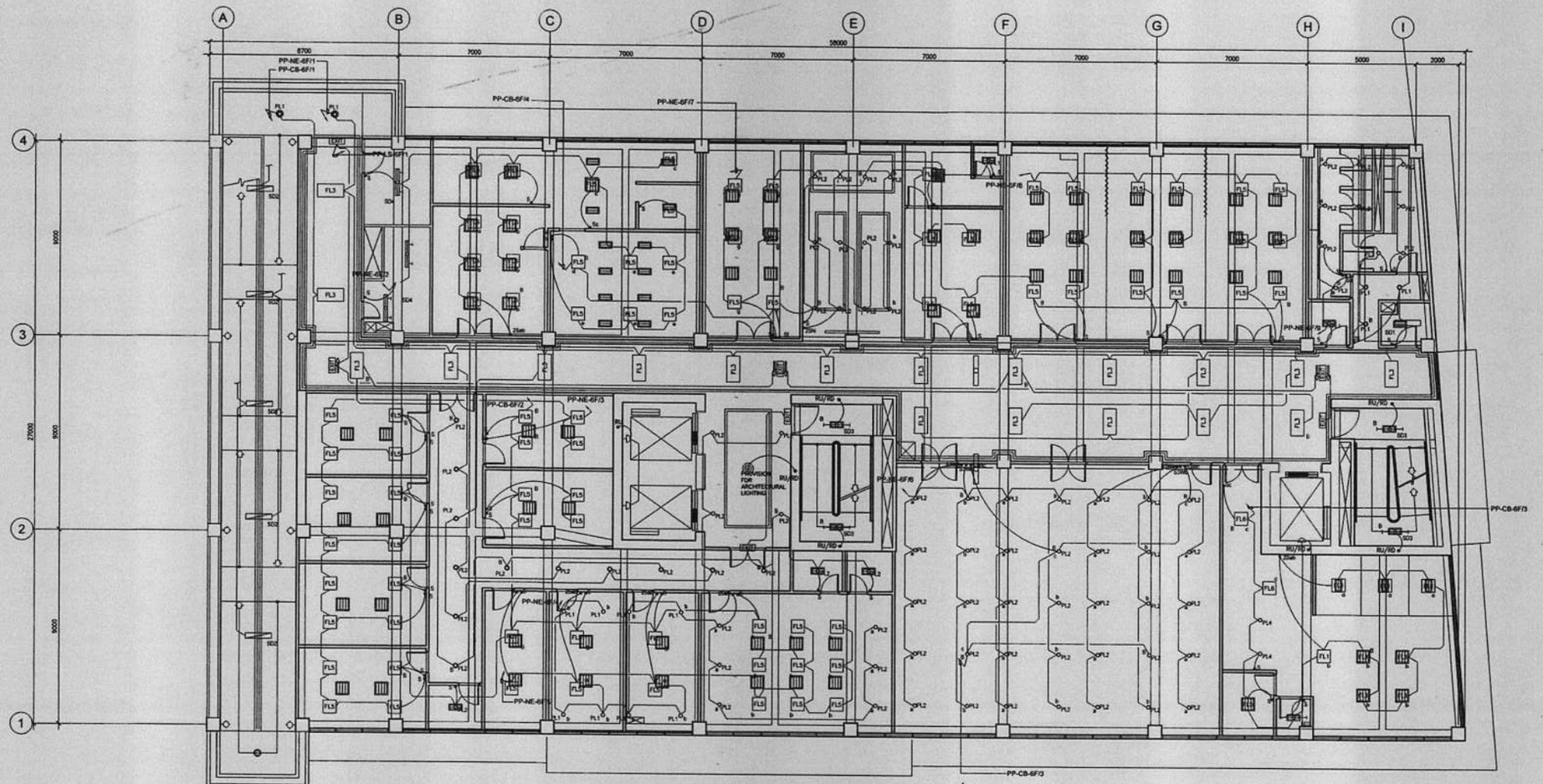

SCOPE OF WORKS:

1. Replacement of Fluorescent Lamp Tube to LED Lamp Tube
2. Installation of Emergency Lights
3. Replacement of Down light fixtures from CFL to LED Panelized Type

EXISTING LAYOUT FOR REPAIR WORKS

SIXTH FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1: 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE D. PRUDENCIO
HEAD - PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EXISTING LIGHTING LAYOUT

SHEET NO.: E 17/73

IMPORTANT NOTES:

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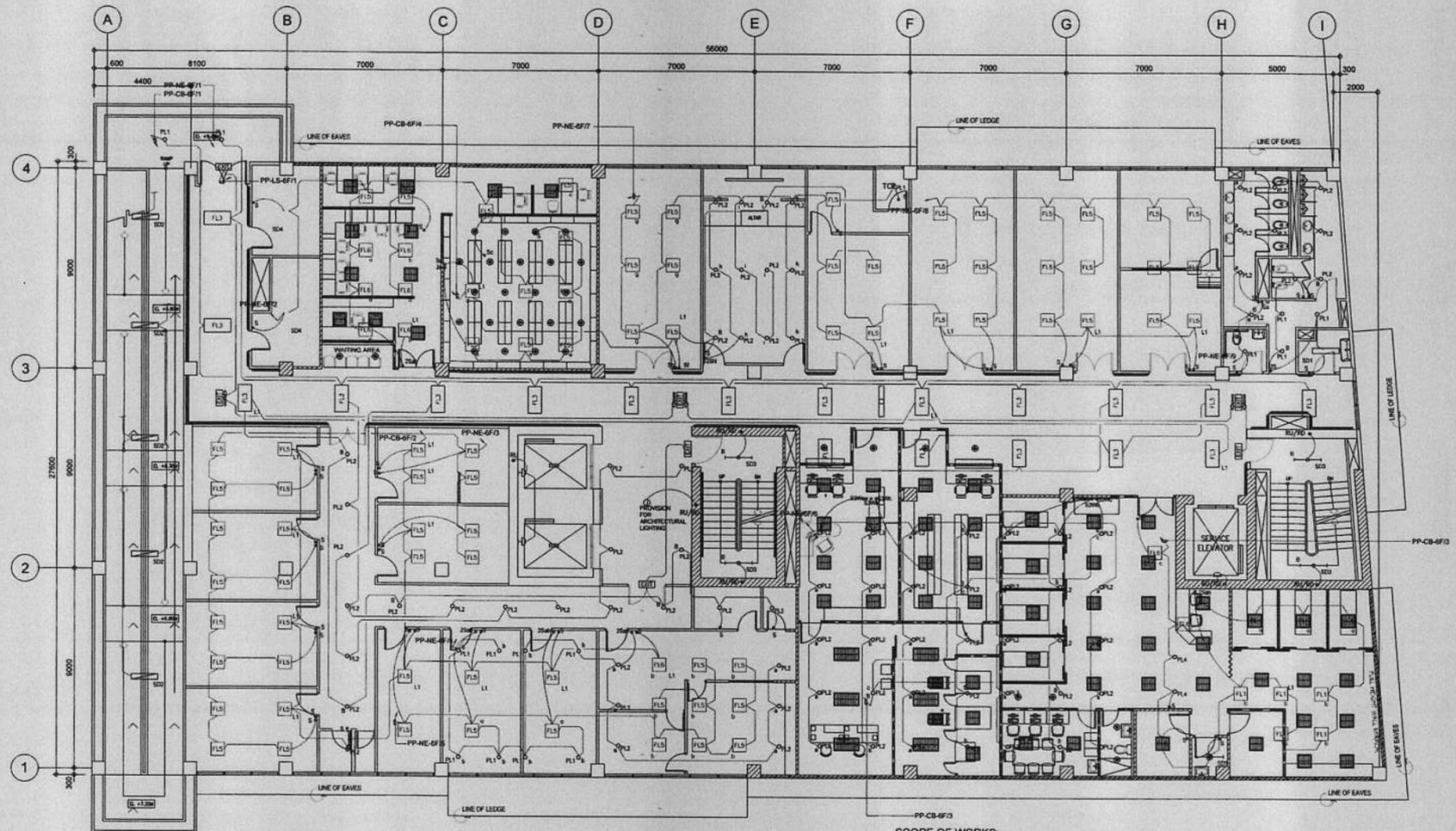

PROPOSED LAYOUT FOR REPAIR WORKS

SIXTH FLOOR LIGHTING LAYOUT

01 / A 07 SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Lighting Fixtures Tapped to existing Panelboards.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA T. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO TECH. PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: EXISTING AND PROPOSED LIGHTING LAYOUT	SHEET NO.: E 18/73

IMPORTANT NOTES:

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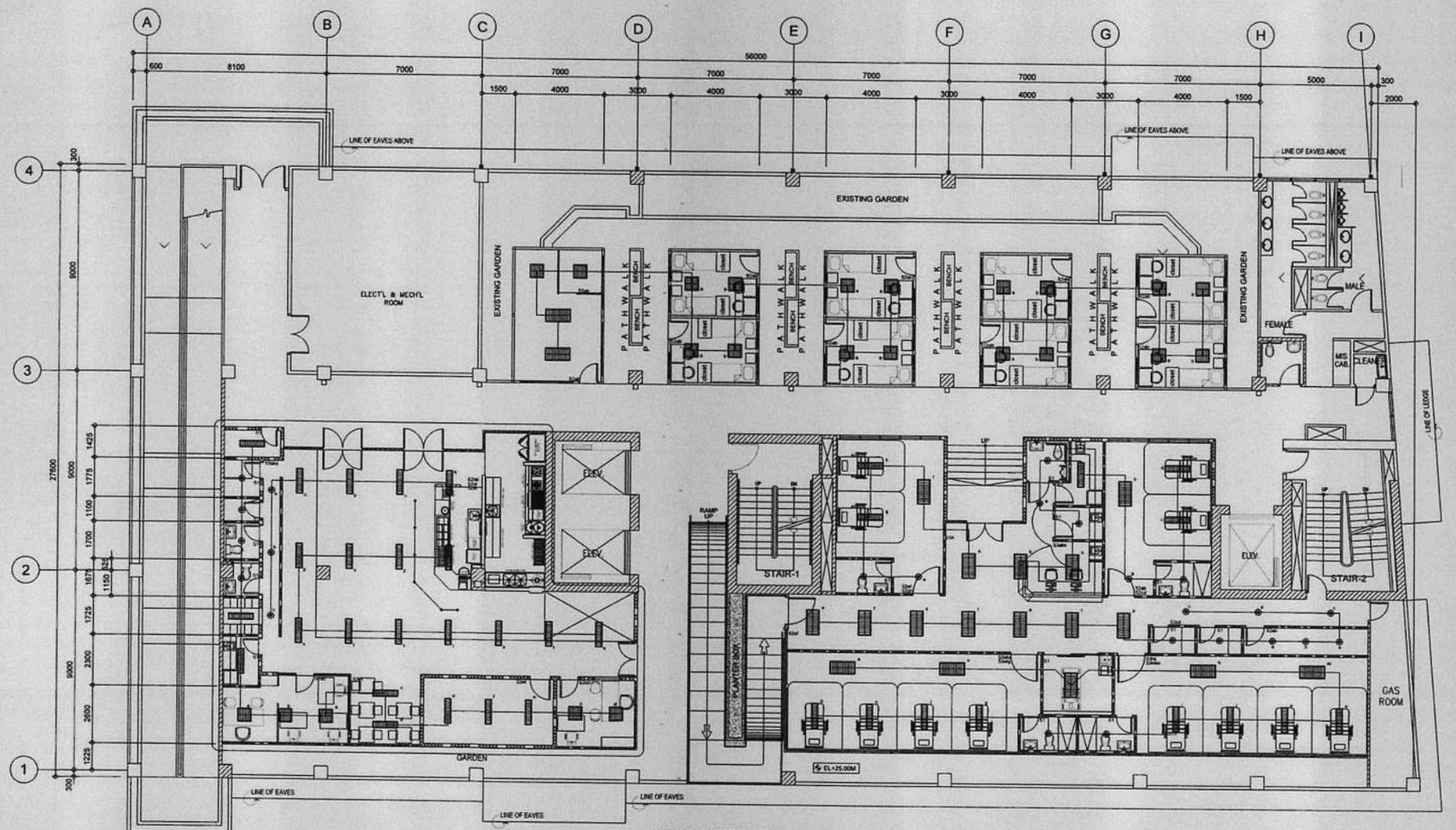

WITH PROPOSED REPAIR WORKS

LOWER ROOF DECK LIGHTING LAYOUT

01 / A 17

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)

ENGR. CARLA L. BELLIN (ENGINEER I)

ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)

ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: PROPOSED LIGHTING LAYOUT

SHEET NO.: E 19/73

IMPORTANT NOTES:

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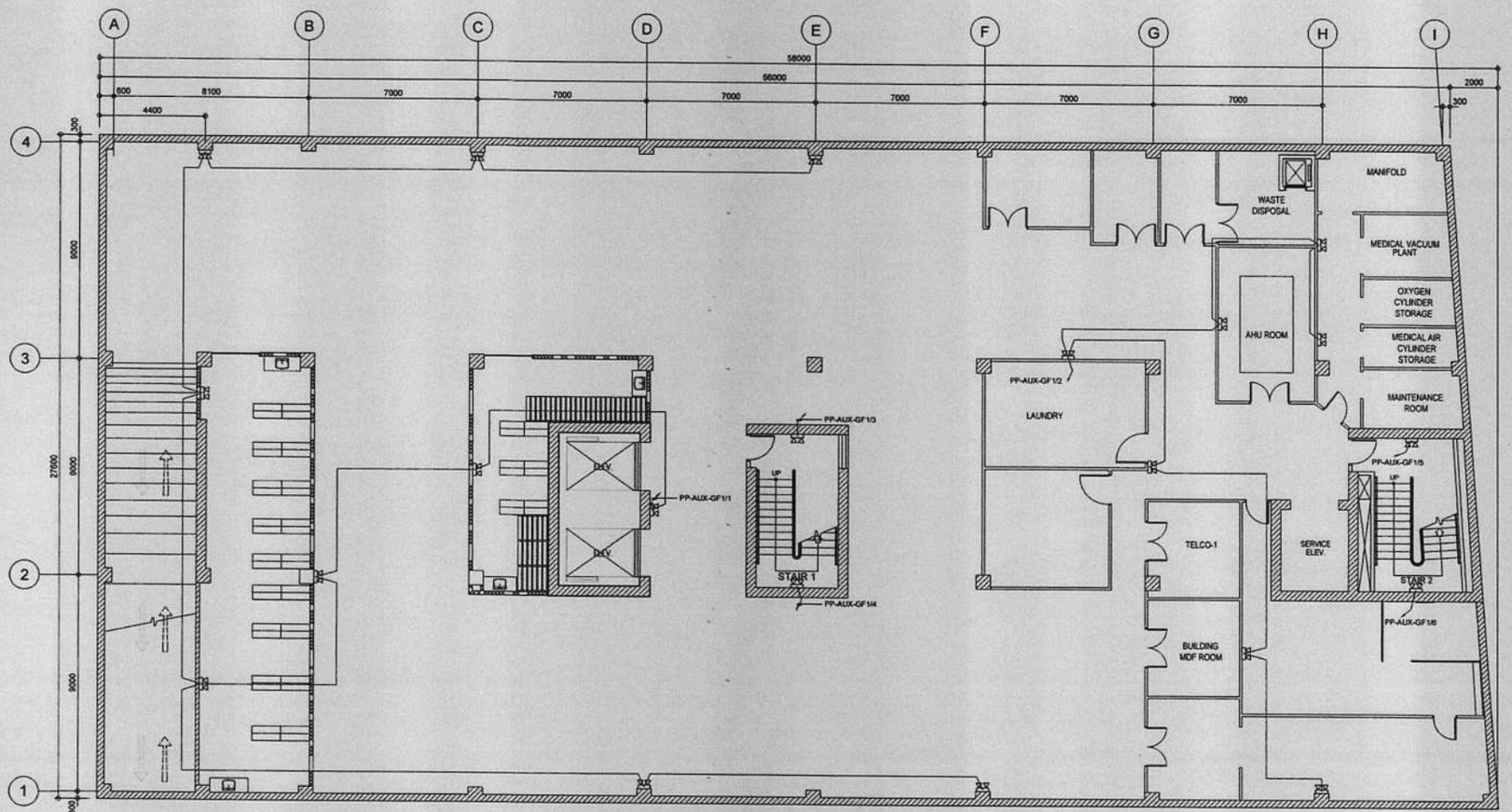

PROPOSED REPAIR WORKS

BASEMENT EMERGENCY LIGHT LAYOUT

01 / A 03 SCALE 1 : 100 MM.

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: EMERGENCY LIGHT LAYOUT	SHEET NO.: E 20 73

IMPORTANT NOTES:

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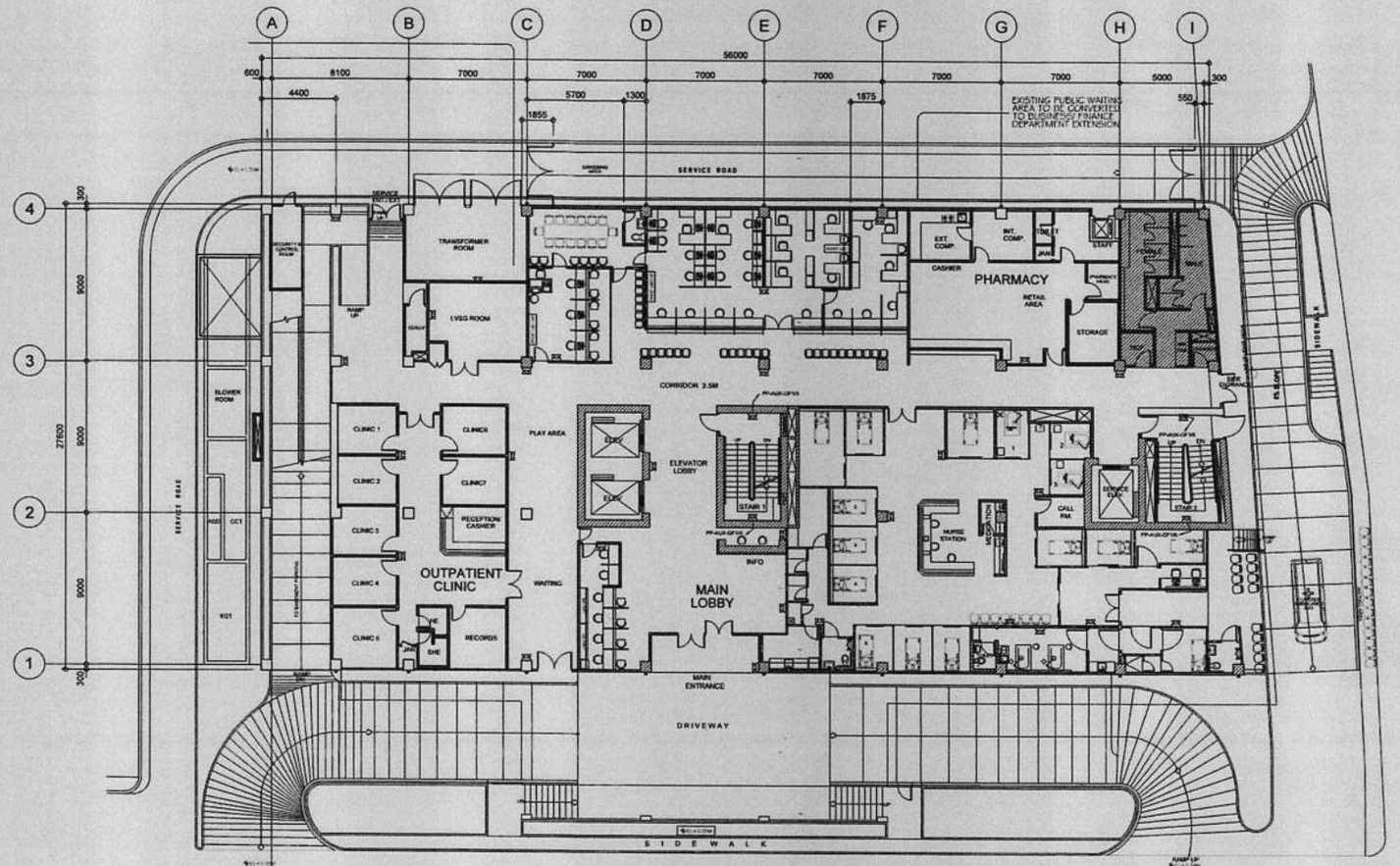
CONFORME & ACCEPTED BY:

CONTRACTOR



SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

PROPOSED REPAIR WORKS

GROUND FLOOR EMERGENCY LIGHT LAYOUT

01 / A 05 SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)

ENGR. CARLA L. BELLIN (ENGINEER I)

ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)

ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

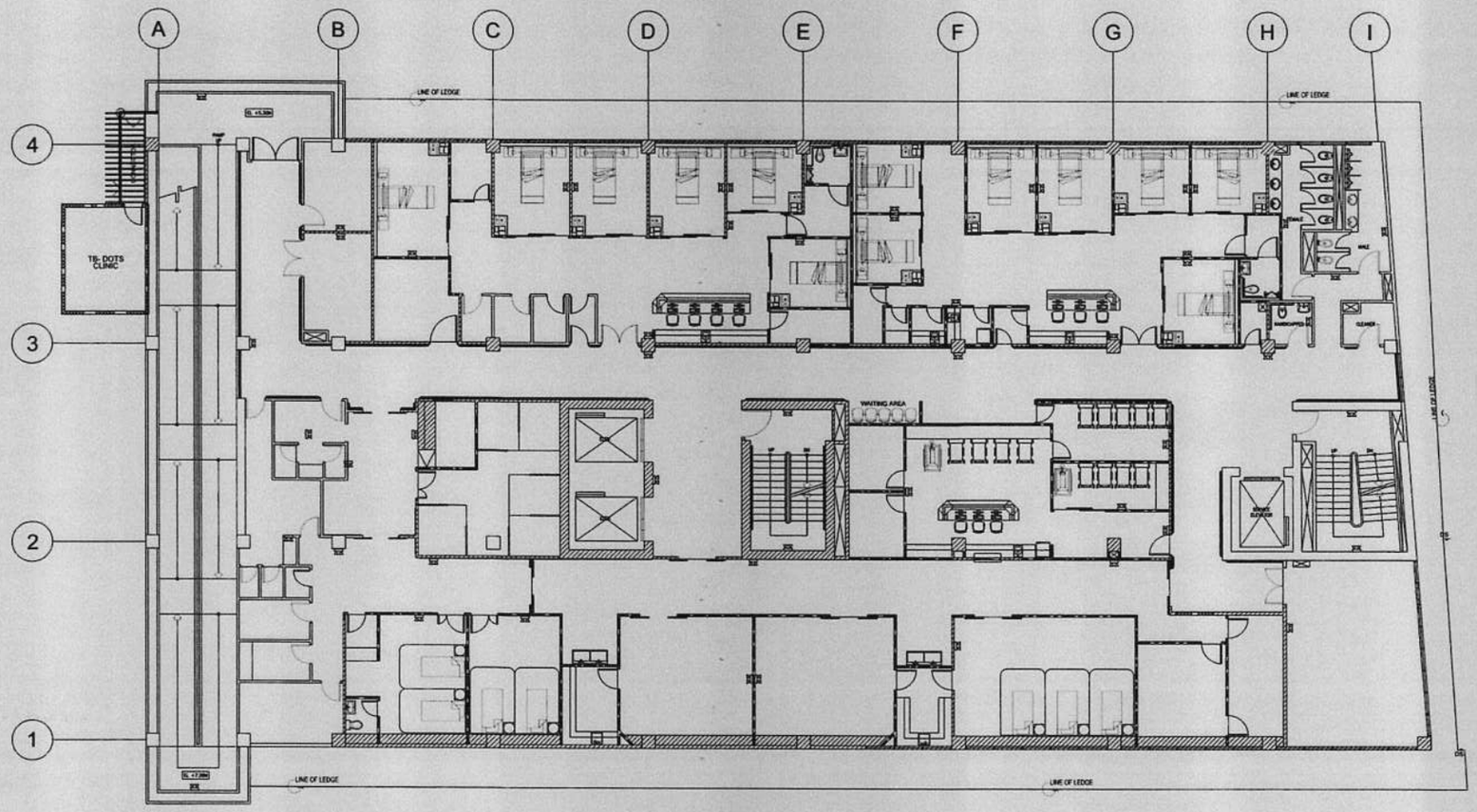
SHEET NO.: E 21 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS

SECOND FLOOR EMERGENCY LIGHT LAYOUT

01 / A 07 SCALE 1: 150 MM

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER
ENGR. CARLA L. BELLIN, ENGINEER
ENGR. EDUARDO G. BARRUGA JR., ENGINEER
ENGR. JOHN JOSHUA T. CORTES, ENGINEER

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

SHEET NO.: E 22/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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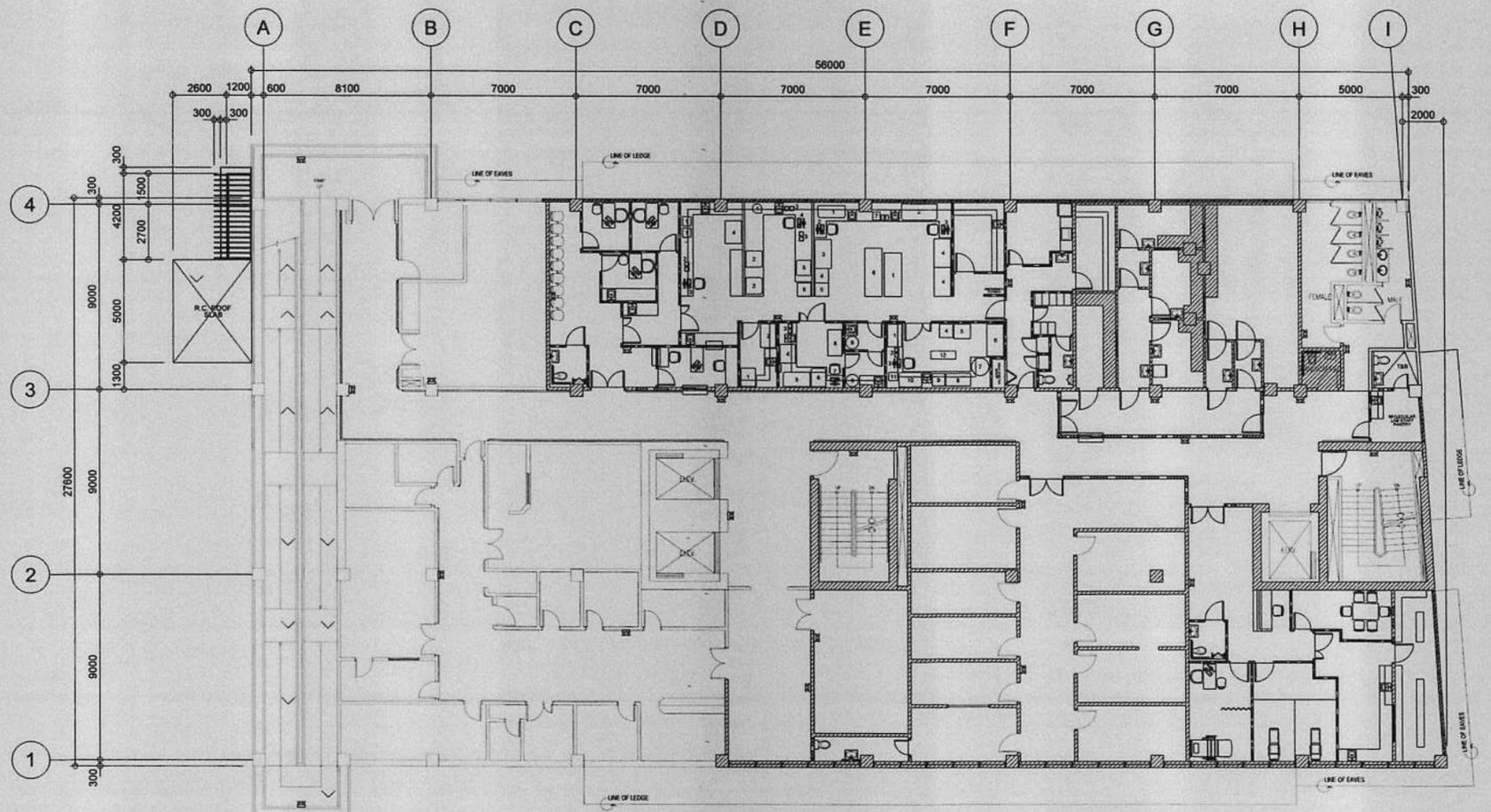
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



PROPOSED REPAIR WORKS

THIRD FLOOR EMERGENCY LIGHT LAYOUT

01 / A 05 SCALE

1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)
ENGR. CARLA L. BELLIN (ENGINEER I)
ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)
ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

SHEET NO.: E 23/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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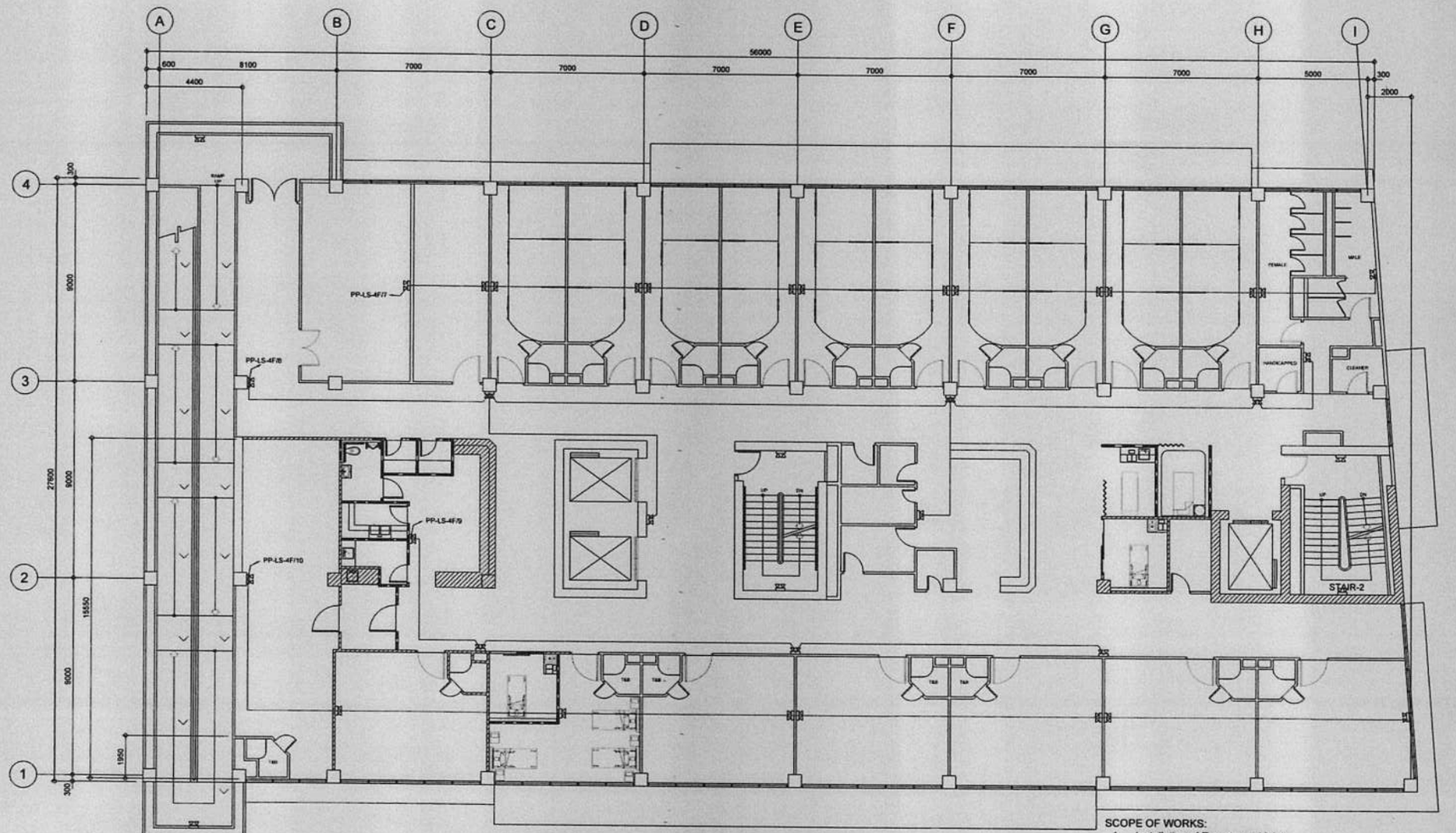
CONTRACTOR



PROPOSED REPAIR WORKS

FOURTH FLOOR EMERGENCY LIGHT LAYOUT

01 / A 05

SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the nearest Power Circuit Homerun.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)
ENGR. CARLA L. BELLIN (ENGINEER I)
ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)
ENGR. JOHN JOSHUA T. CORTES (Engineer I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

SHEET NO.: E 24 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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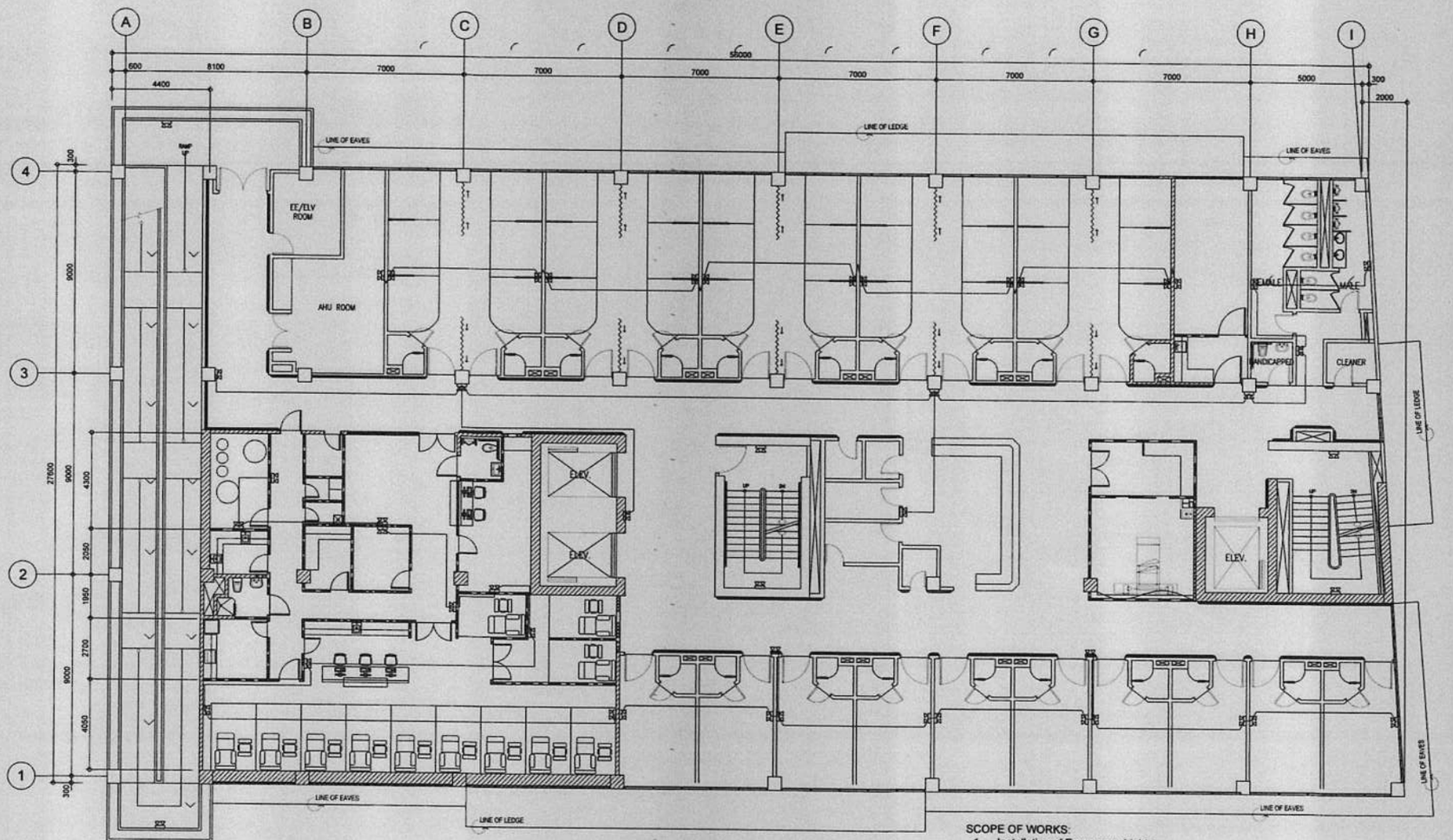

PROPOSED LAYOUT FOR REPAIR WORKS

FIFTH FLOOR EMERGENCY LIGHT LAYOUT

01 / A 07 SCALE 1 : 150 MM

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)

ENGR. CARLA L. BELLIN (ENGINEER I)

ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)

ENGR. JOSE JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE S. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

SHEET NO.: E 25 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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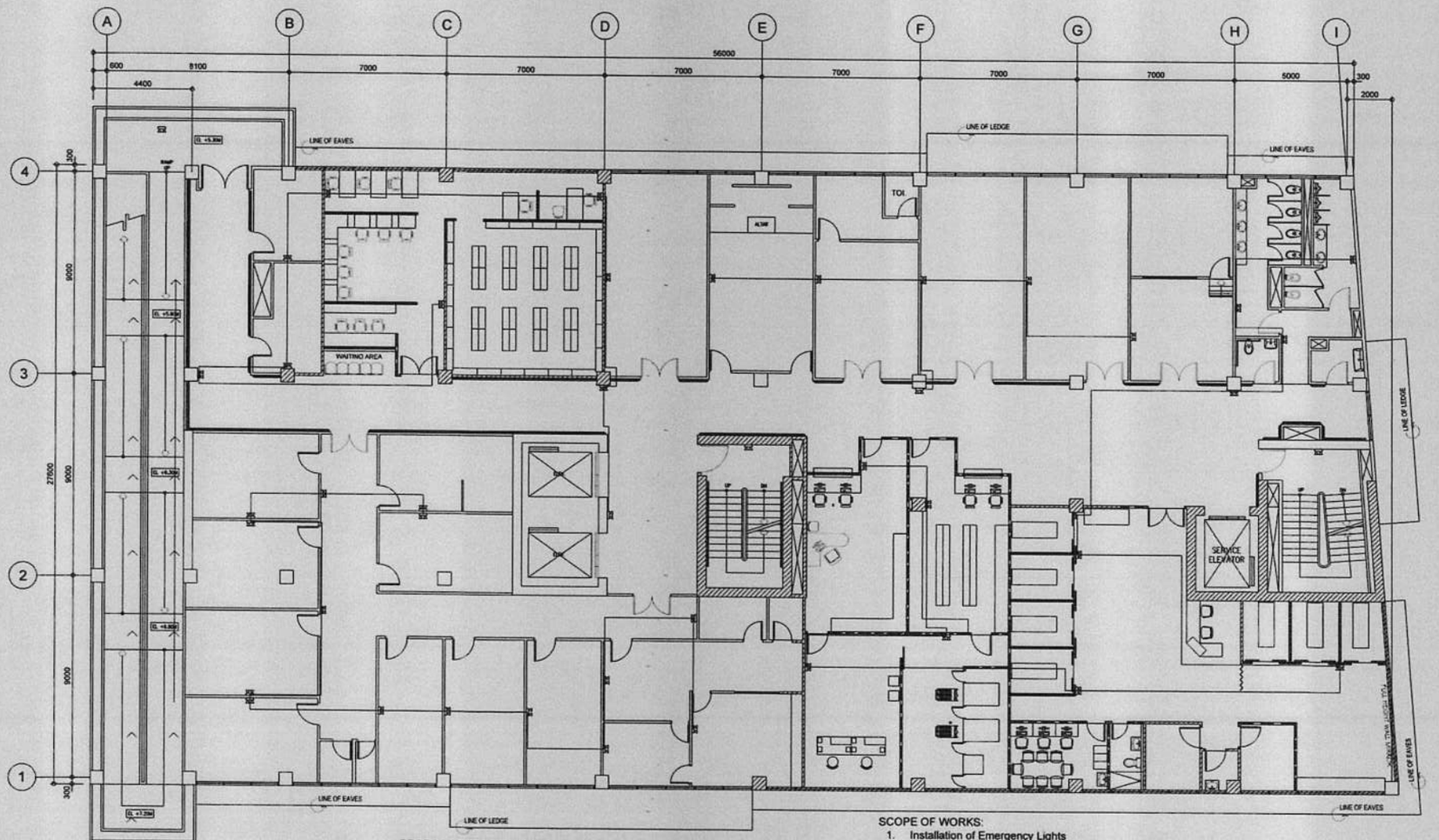

PROPOSED REPAIR WORKS

SIXTH FLOOR EMERGENCY LIGHT LAYOUT

01 / A 05 SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Emergency Lights
2. Tapped the electrical supply of Emergency Lights to the existing Panelboards.
3. Use IMC pipe for conduit homerun.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: EMERGENCY LIGHT LAYOUT

SHEET NO.: E 26/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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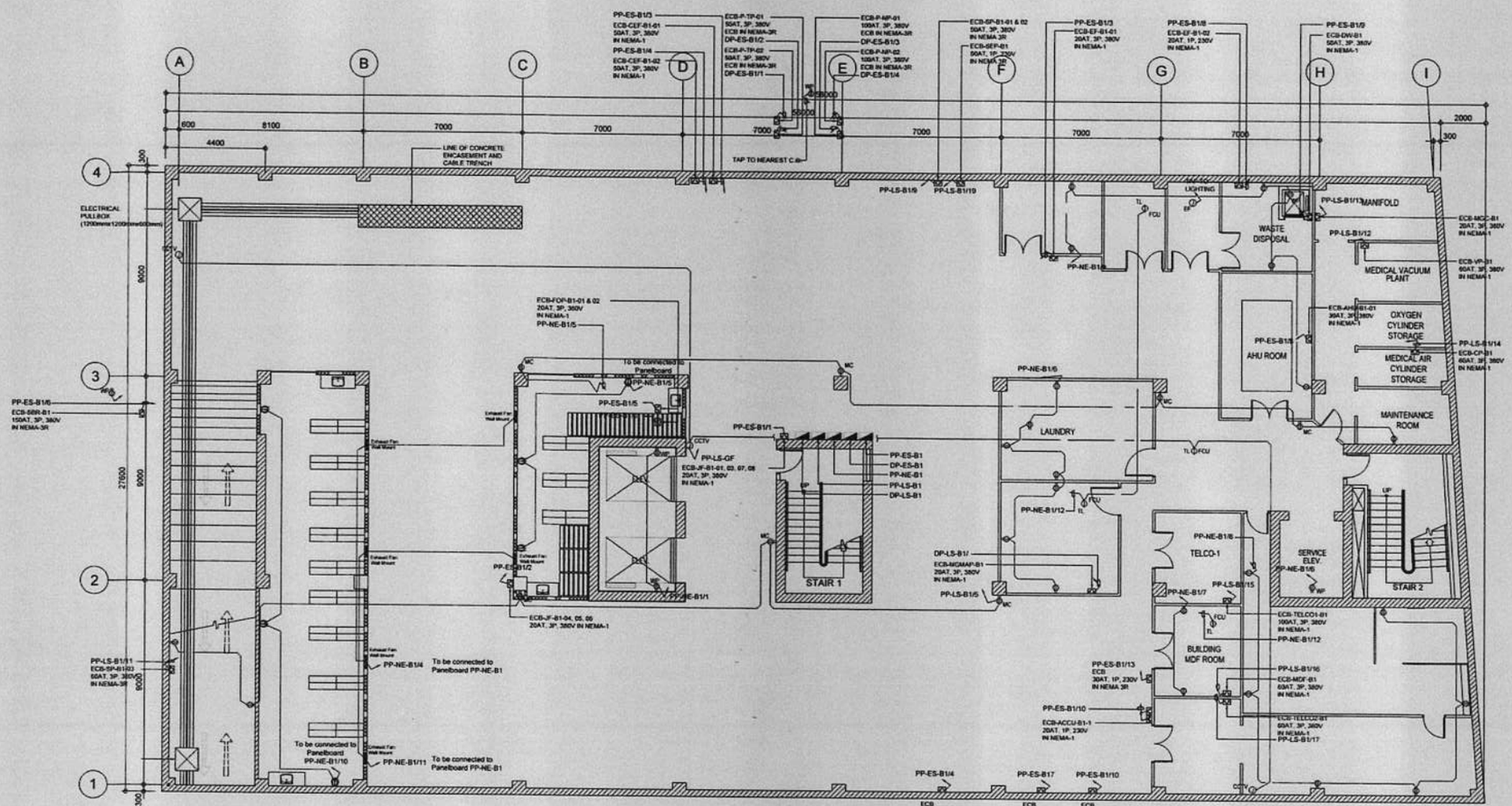
CONFORME & ACCEPTED BY:

CONTRACTOR



PROPOSED REPAIR WORKS

BASEMENT POWER LAYOUT

01 / A 03 SCALE

1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO O.I.C., CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: POWER LAYOUT	SHEET NO.: E 27/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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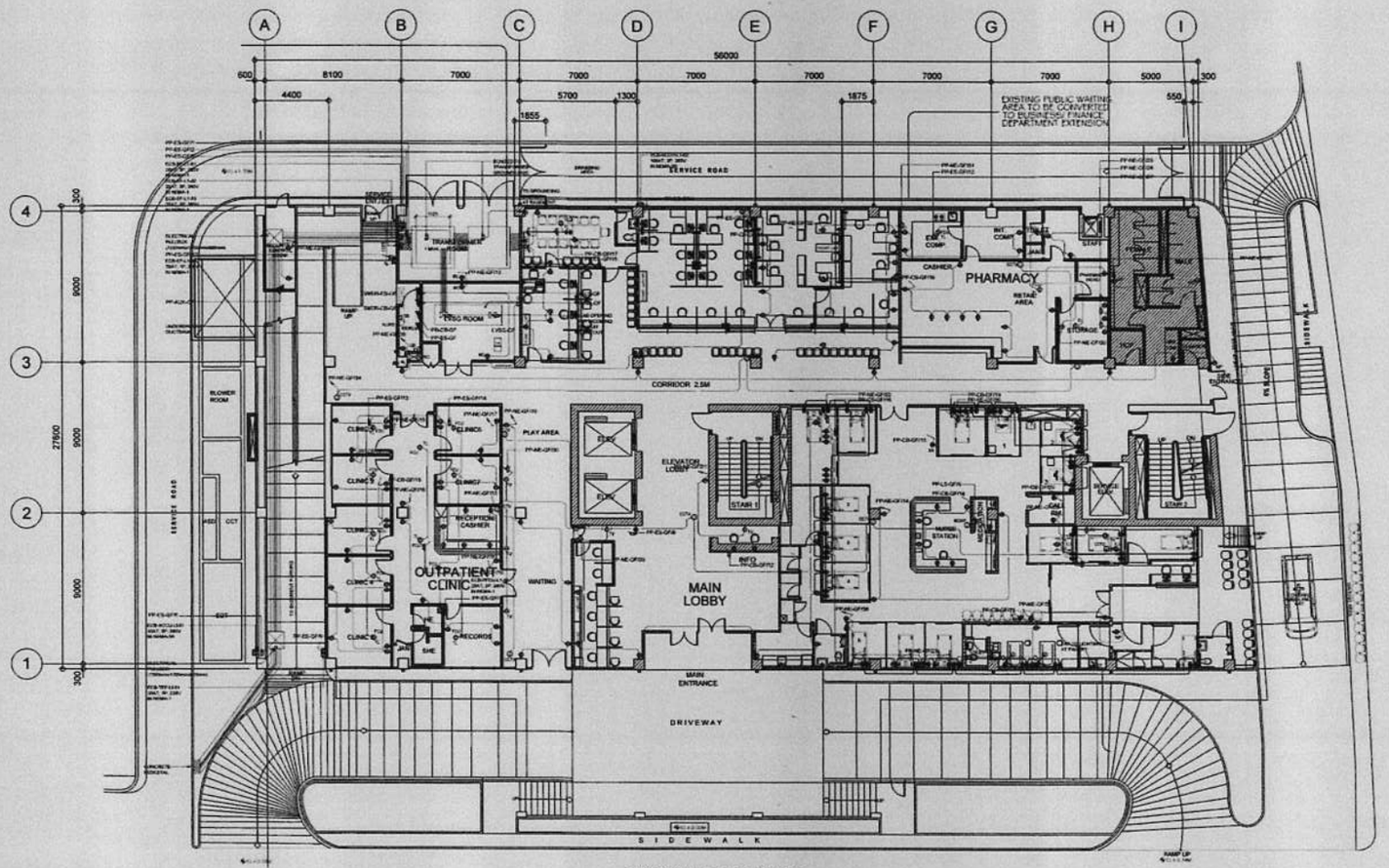
CONTRACTOR



SCOPE OF WORKS:

1. Installation of Lighting Fixtures and Convenience Outlets at Finance Department and some areas at Emergency Room.
2. Installation of Emergency Lights
3. Installation of Hospital Grade Outlets at Emergency Room.

PROPOSED REPAIR WORKS

GROUND FLOOR POWER LAYOUT

01 / A 05 SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE D. PRUDENCIO
ASST. DIVISION, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: POWER LAYOUT

SHEET NO.: E 28/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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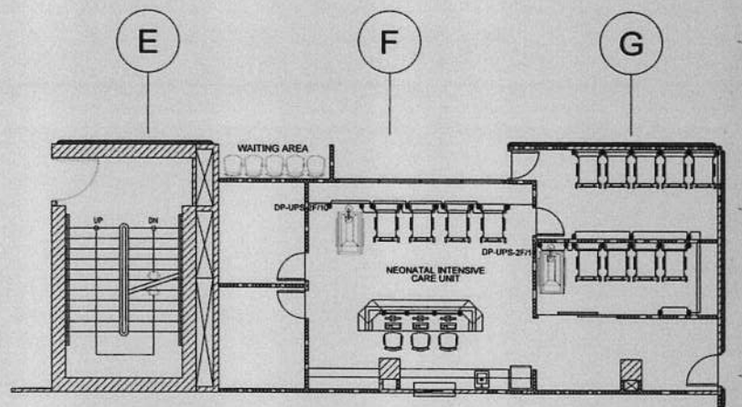


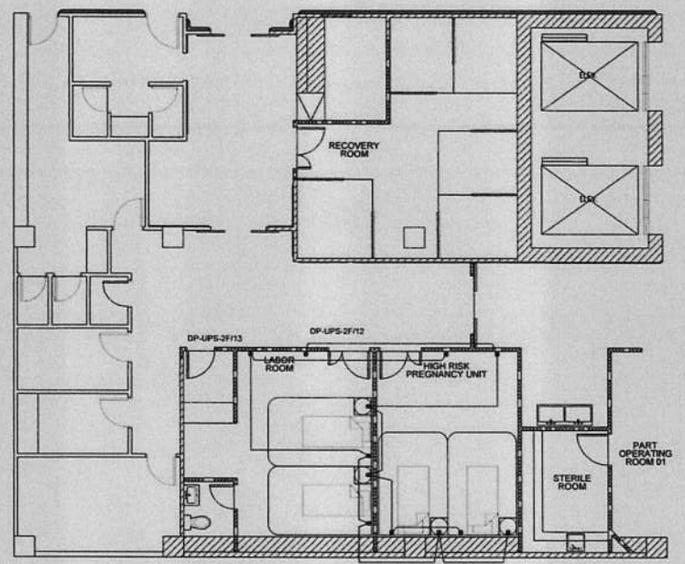
WITH PROPOSED REPAIR WORKS

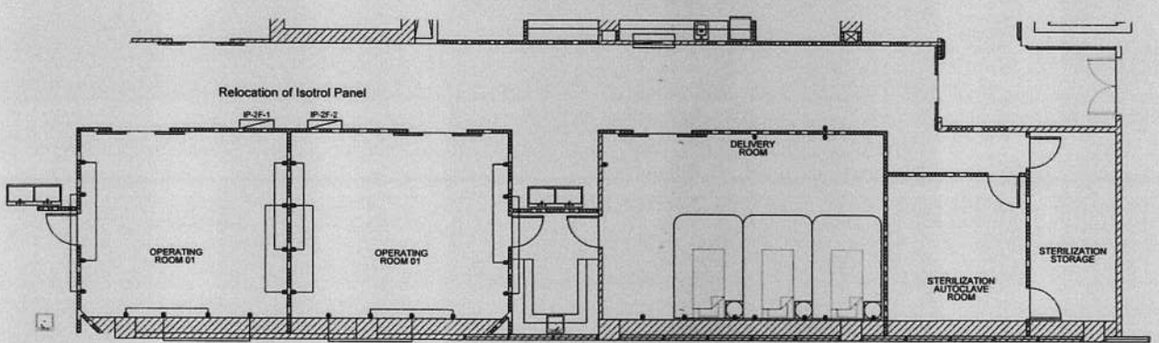
SECOND FLOOR POWER LAYOUT

01 / A / 07 SCALE 1:100 MM.

SCOPE OF WORKS:

1. Installation of Convenience Outlets (Hospital Grade) at Intensive Care Unit Wards and Operating Rooms.
2. Rewiring of Electrical System.





SCOPE OF WORKS:

1. Installation of Convenience Outlets (Hospital Grade) at Operating Rooms.
2. Rewiring of Electrical System.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER II ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO O. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, Engineer I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE S. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: POWER LAYOUT	SHEET NO.: E 29/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONFLICTS TO THE STRUCTURAL DESIGN DRAWINGS PLANS, THE INSTRUCTION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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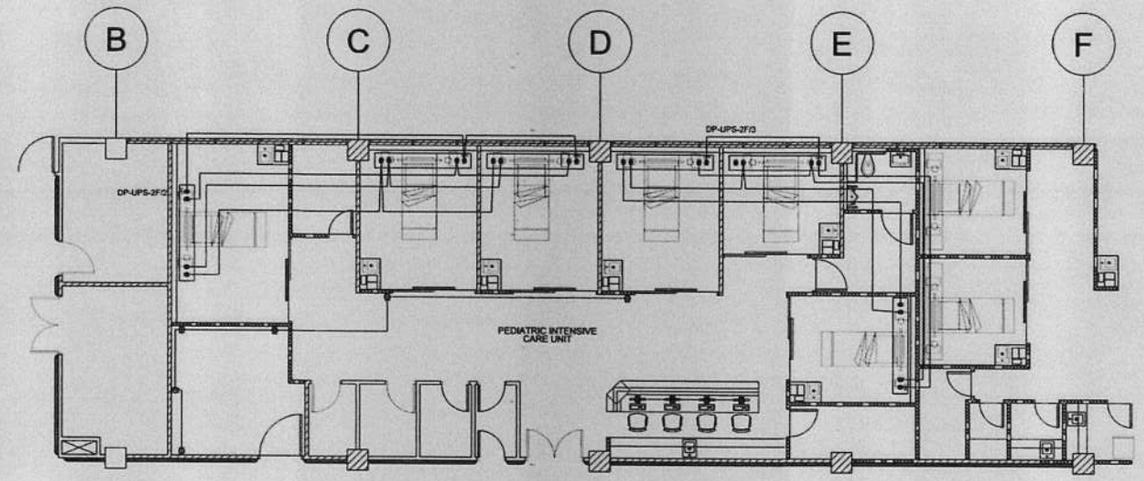
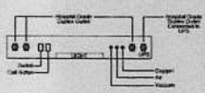
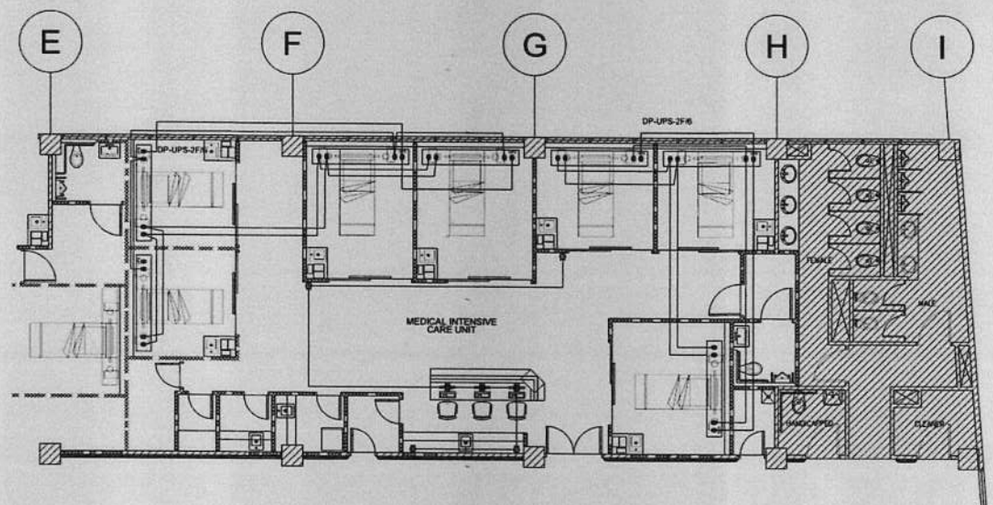
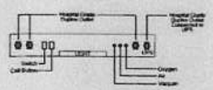


Hospital Bed Head Console





Hospital Bed Head Console



SCOPE OF WORKS:

1. Installation of Convenience Outlets (Hospital Grade) at Intensive Care Unit Wards and Operating Rooms.
2. Rewiring of Electrical System.

WITH PROPOSED REPAIR WORKS

SECOND FLOOR POWER LAYOUT

01 / A 07 SCALE NTS

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: POWER LAYOUT	SHEET NO.: E 30/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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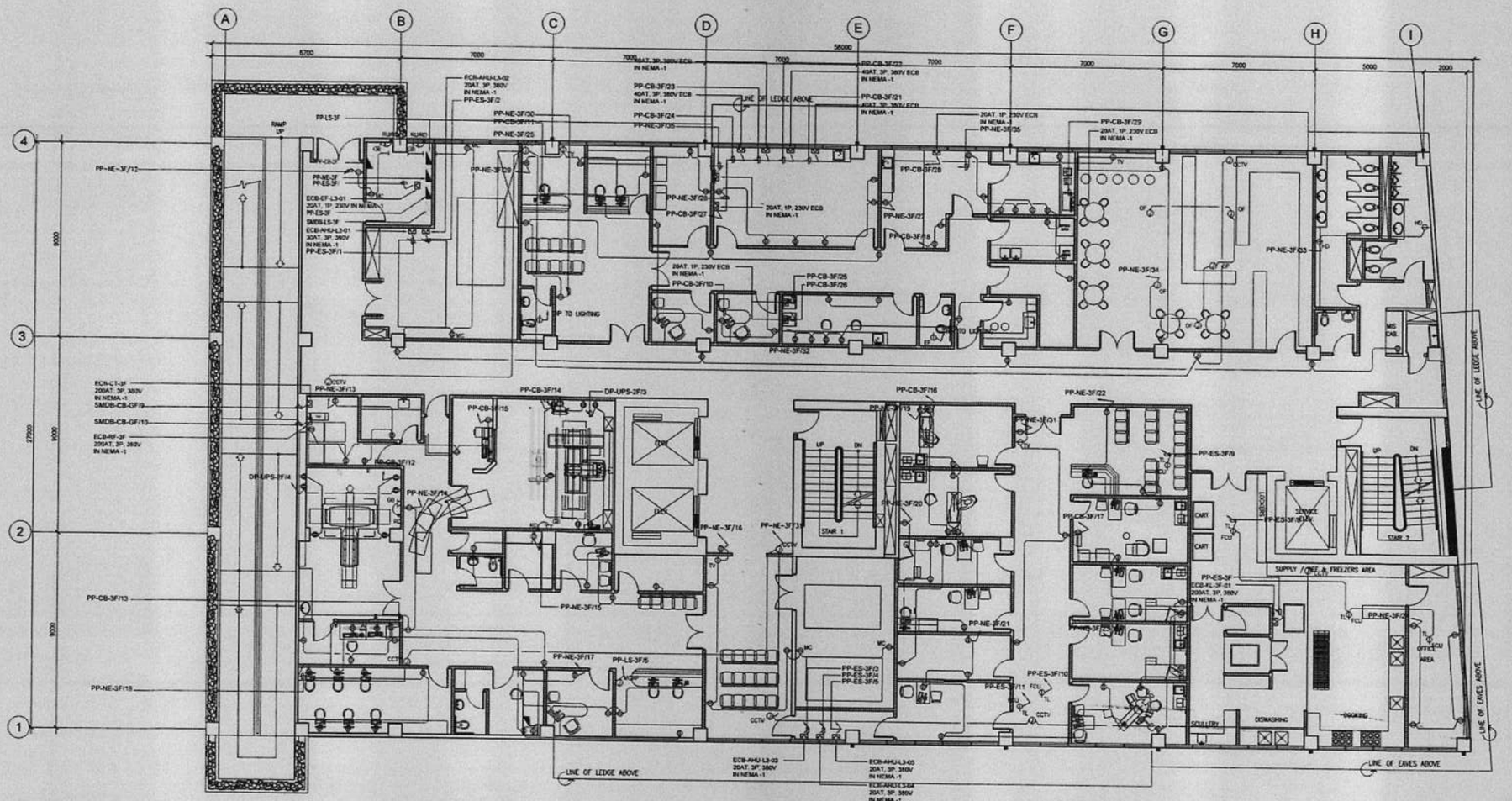
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THIS PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS

THIRD FLOOR POWER LAYOUT

01 / A G7 SCALE 1 : 150 MM

SCOPE OF WORKS:

1. Rewiring of Power Outlet base on power requirements of laboratory equipments on actual location.
2. Additional Laboratory Equipments shall be connected to New PB-Laboratory.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGR. CARLA L. BELLIN
ENGR. EDUARDO G. BARRUGA JR.
ENGR. JOHN JOSHUA T. CORTES

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: POWER LAYOUT
SHEET NO.: E 31/73

IMPORTANT NOTES:

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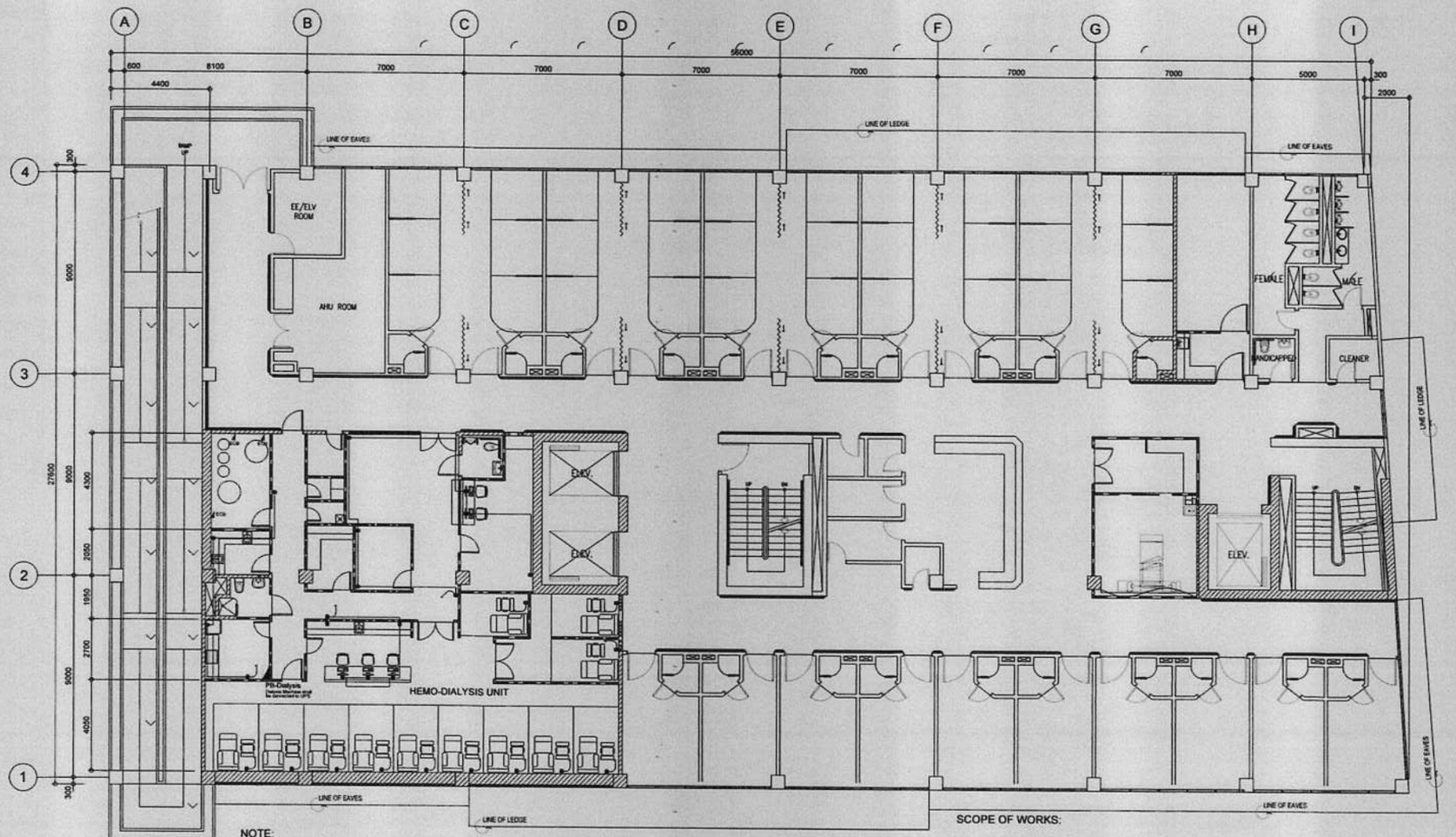
CONTRACTOR



NOTE:

1. NEED SPACE FOR UPS EQUIPMENT

PROPOSED LAYOUT FOR REPAIR WORKS

FIFTH FLOOR POWER LAYOUT

01 / A 07

SCALE 1 : 150 MM

SCOPE OF WORKS:

1. Installation of Convenience Outlets and Special Purpose Outlet for Dialysis Machine
2. Tapped to New Panelboard (PB-Dialysis)

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
CITY ENGINEERING OFFICE

PROJECT TITLE:
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:
ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER II
ENGR. CARLA L. SELLIN, ENGINEER II
ENGR. EDUARDO G. BARRUGA JR., ENGINEER II
ENGR. JOHN JOSHUA T. CORTES, ENGINEER II

PROGRAMMING AND CONSTRUCTION:
ENGR. JORGE L. TIZON
O.I.C., ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:
ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: POWER LAYOUT

SHEET NO.: E 32/73

IMPORTANT NOTES:

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CONFORME & ACCEPTED BY:

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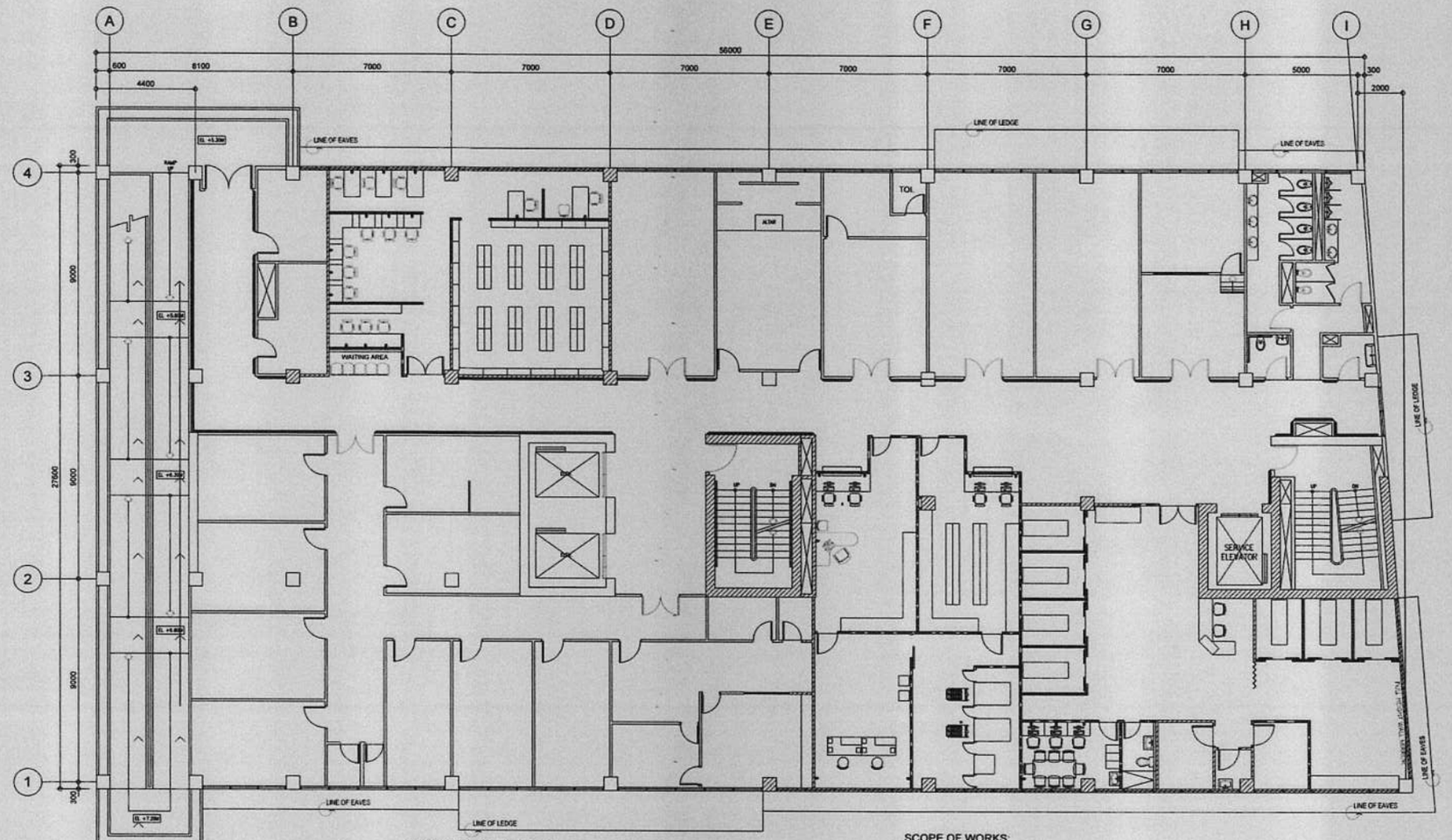

PROPOSED REPAIR WORKS

SIXTH FLOOR POWER LAYOUT

01 / A 05 SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Convenience Outlets
2. Tapped to existing Power Outlet to Existing Panelboards.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO C. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: POWER LAYOUT	SHEET NO.: E 33/73

IMPORTANT NOTES:

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CONFORME & ACCEPTED BY:

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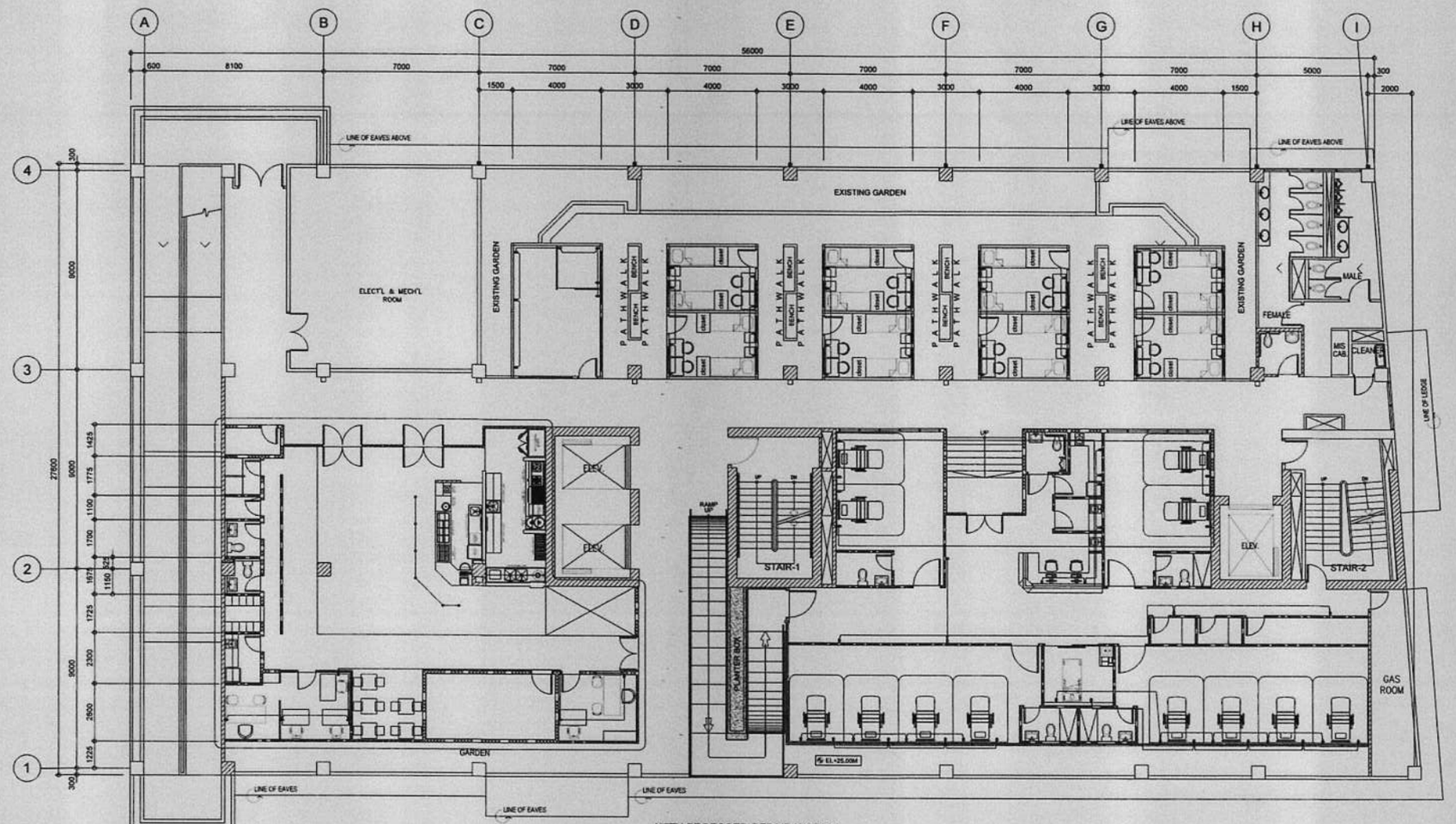

WITH PROPOSED REPAIR WORKS

LOWER ROOF DECK POWER LAYOUT

01 / A 17

SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON O.I.C., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO ENGR. ARTAXERXES V. GERONIMO CIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: POWER LAYOUT	SHEET NO.: E 34/73

IMPORTANT NOTES :

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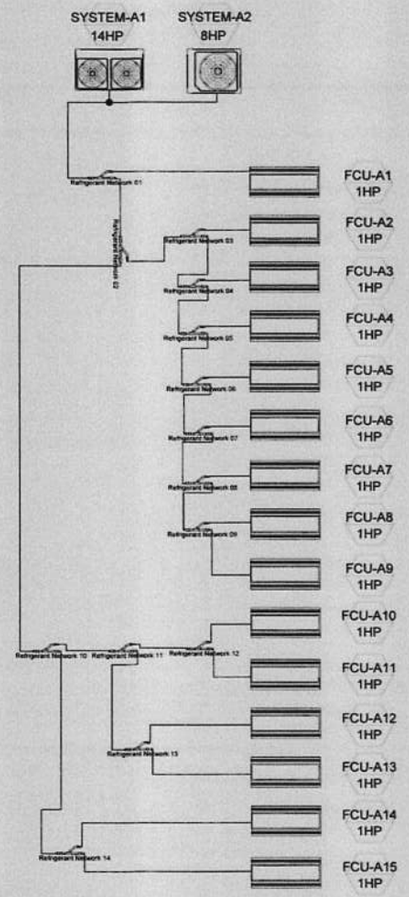
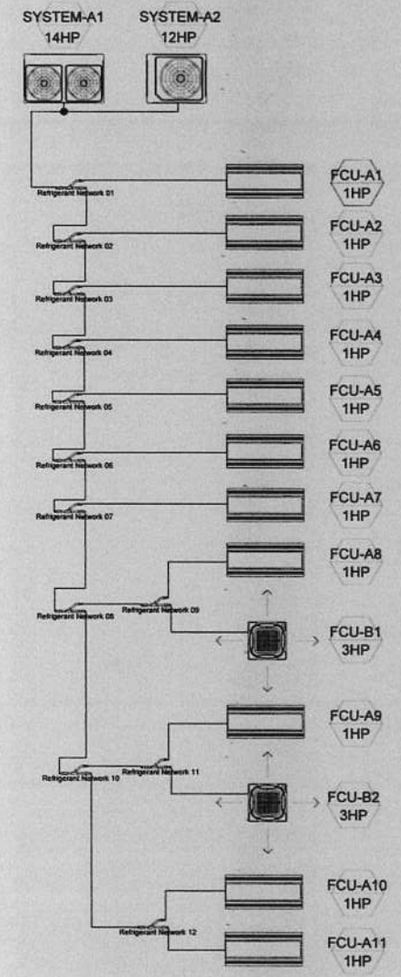
CONFORME & ACCEPTED BY :

CONTRACTOR

PIPING GROUND FLOOR SYSTEM 1



PIPING GROUND FLOOR SYSTEM 2



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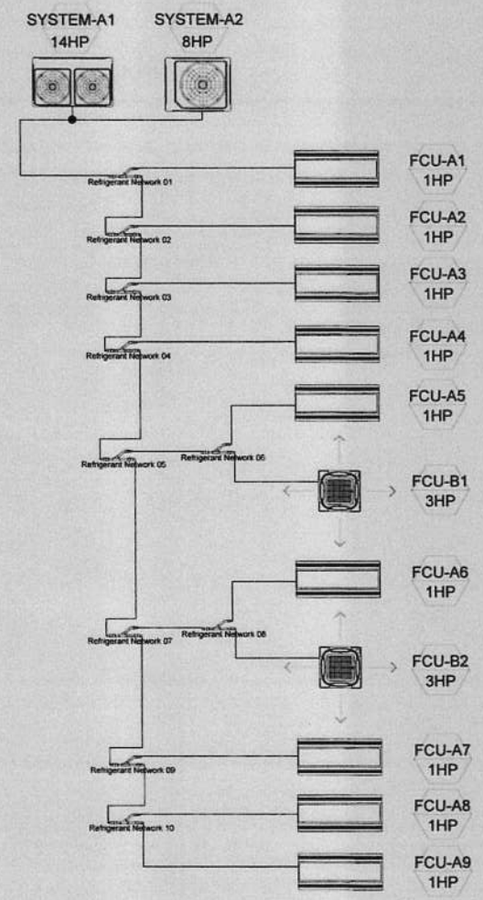

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON — ENGINEER
ENGR. CARLA L. BELLIN — ENGINEER
ENGR. EDUARDO G. BARRUGA JR. — ENGINEER
ENGR. JOHN JOSHUA T. CORTES — ENGINEER

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: AIRCONDITION SYSTEM DETAILS

SHEET NO.: M 35/73

IMPORTANT NOTES:

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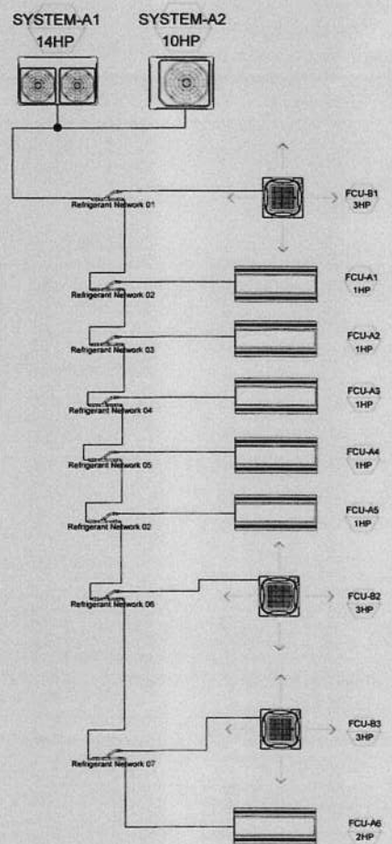
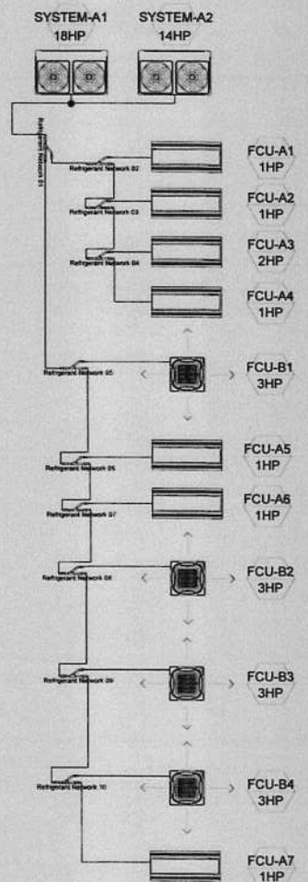
CONFORME & ACCEPTED BY :

CONTRACTOR

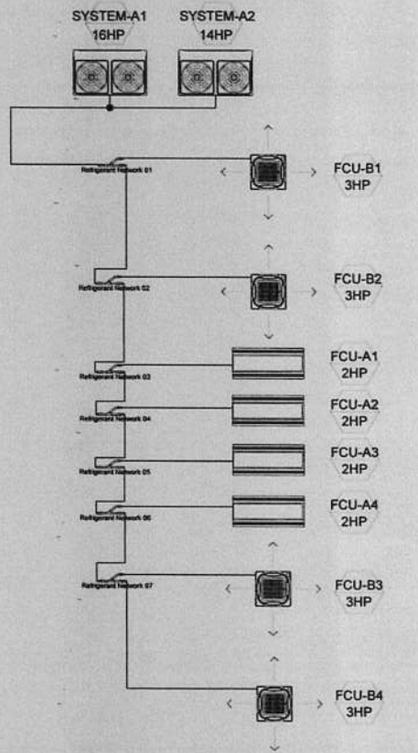
PIPING SECOND FLOOR SYSTEM 1



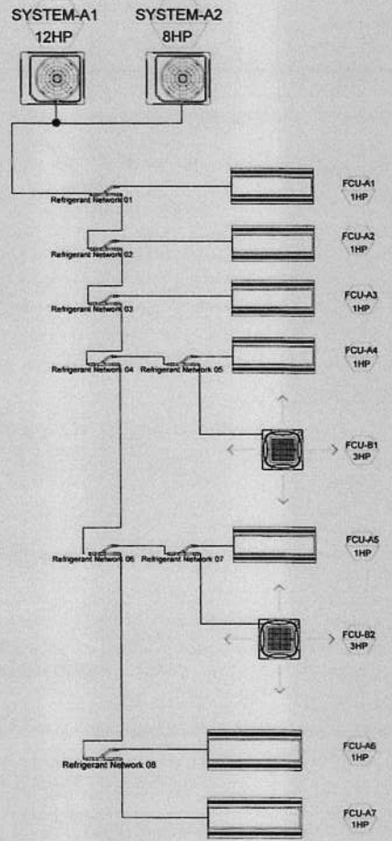
PIPING SECOND FLOOR SYSTEM 2



PIPING SECOND FLOOR SYSTEM 3



PIPING SECOND FLOOR SYSTEM 1



REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
PROJECT

ENGR. CARLA L. BELLIN
ENGINEER

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER

ENGR. JOHN JOSHUA T. CORTES
ENGINEER

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE S. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

AIRCONDITION SYSTEM DETAILS

SHEET NO.:

M
36|73

IMPORTANT NOTES:

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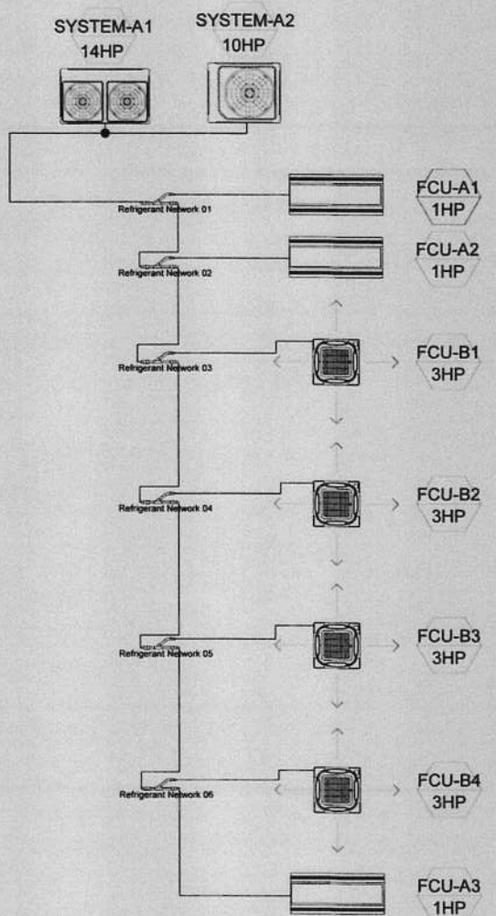
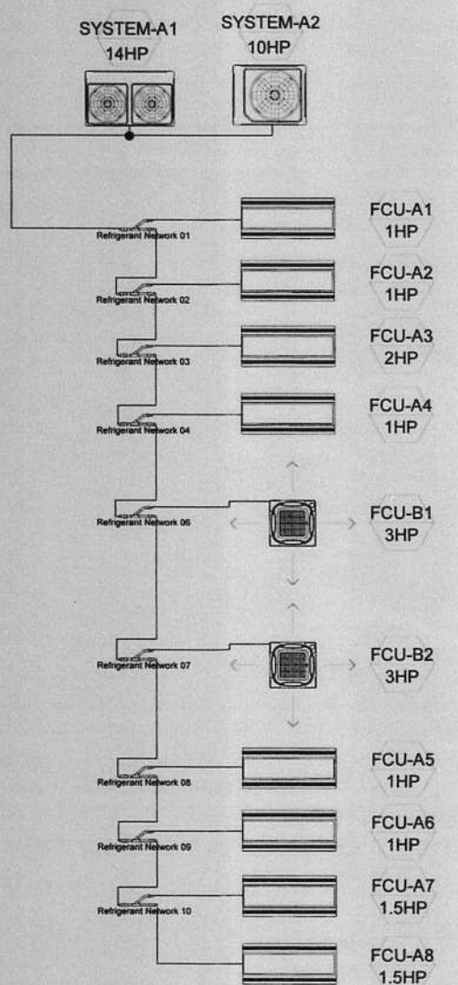
CONFORME & ACCEPTED BY:

CONTRACTOR

PIPING THIRD FLOOR SYSTEM 1



PIPING THIRD FLOOR SYSTEM 2



REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO C. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

AIRCONDITION SYSTEM DETAILS

SHEET NO.:

M
37/73

IMPORTANT NOTES:

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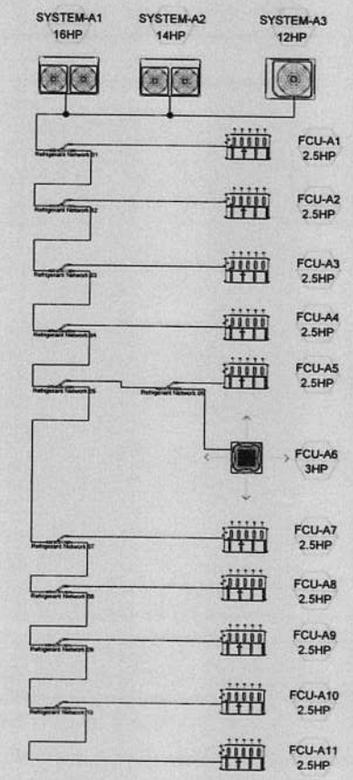
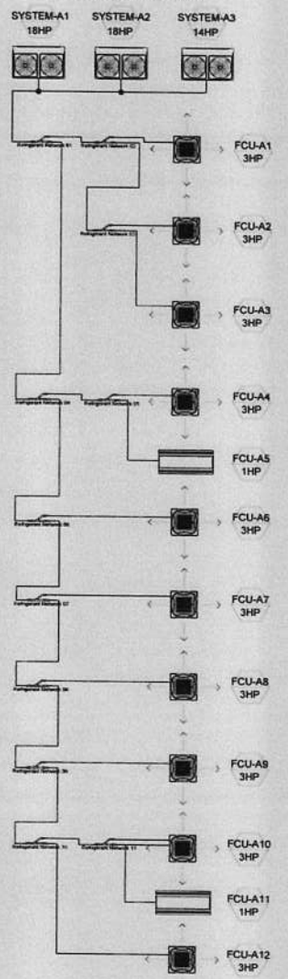
CONFORME & ACCEPTED BY:

CONTRACTOR

FOURTH FLOOR SYSTEM 1



FOURTH FLOOR SYSTEM 2



REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, DRAWING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

AIRCONDITION SYSTEM DETAILS

SHEET NO.:

M
38/73

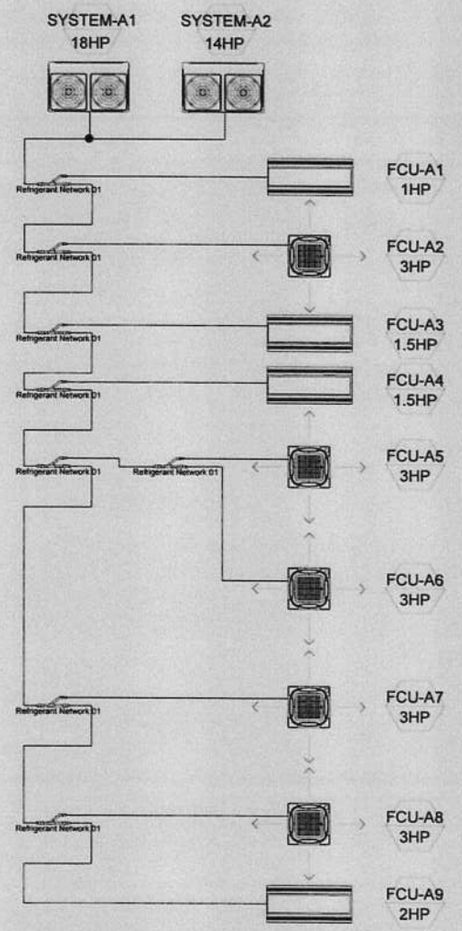
IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

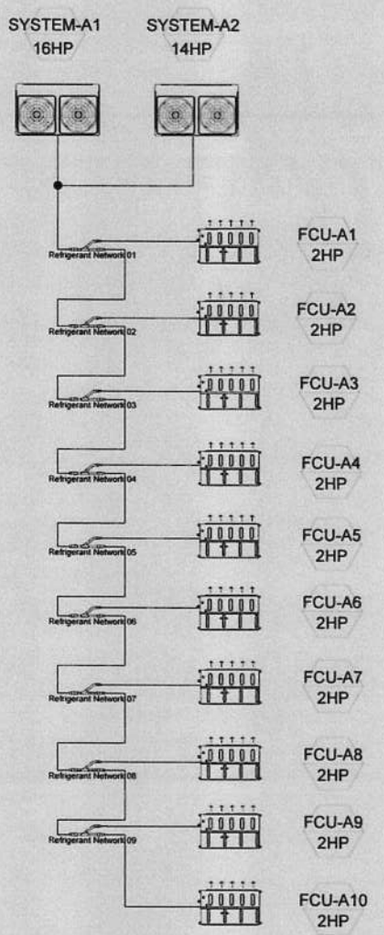
CONFORME & ACCEPTED BY

CONTRACTOR

FIFTH FLOOR SYSTEM 1



FIFTH FLOOR SYSTEM 3



REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

AIRCONDITION SYSTEM DETAILS

SHEET NO.:

M
39/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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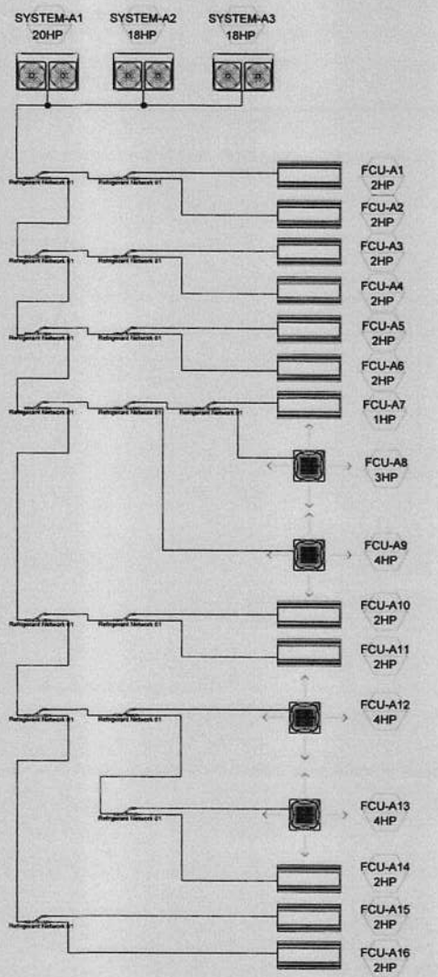
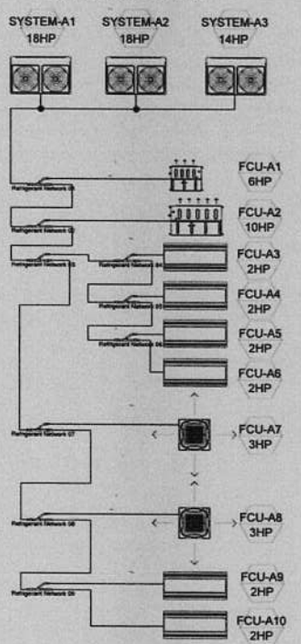
CONFORME & ACCEPTED BY:

CONTRACTOR

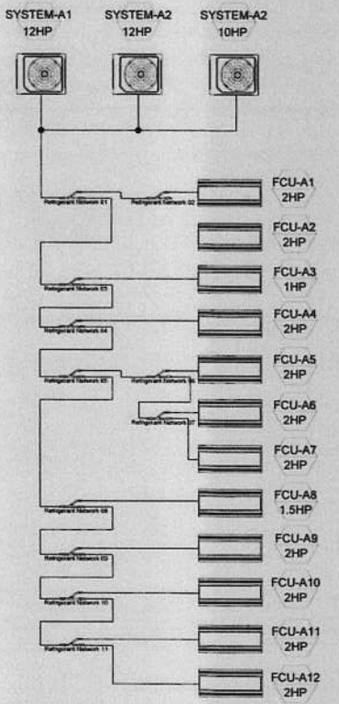
SIXTH FLOOR SYSTEM 1



SIXTH FLOOR SYSTEM 2



SIXTH FLOOR SYSTEM 3



REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

AIRCONDITION SYSTEM DETAILS

SHEET NO.:

M
40|73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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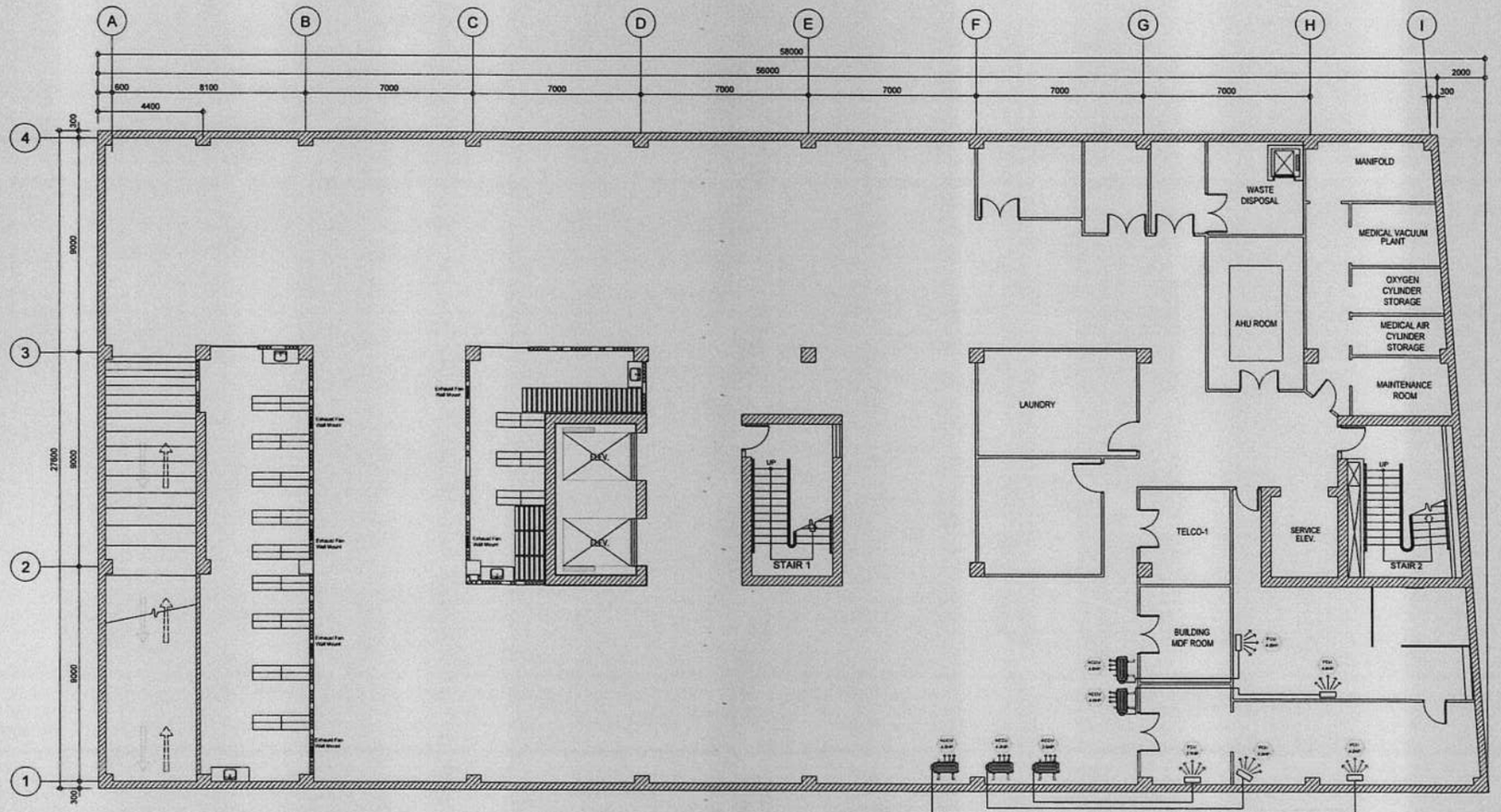
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



PROPOSED REPAIR WORKS

BASEMENT AIRCONDITION LAYOUT

01 / A 03 SCALE 1 : 100 MM.

SCOPE OF WORKS:

1. Installation of Split Type Aircondition Units, Inverter Type.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: AIRCONDITION LAYOUT	SHEET NO.: M 41 73

IMPORTANT NOTES:

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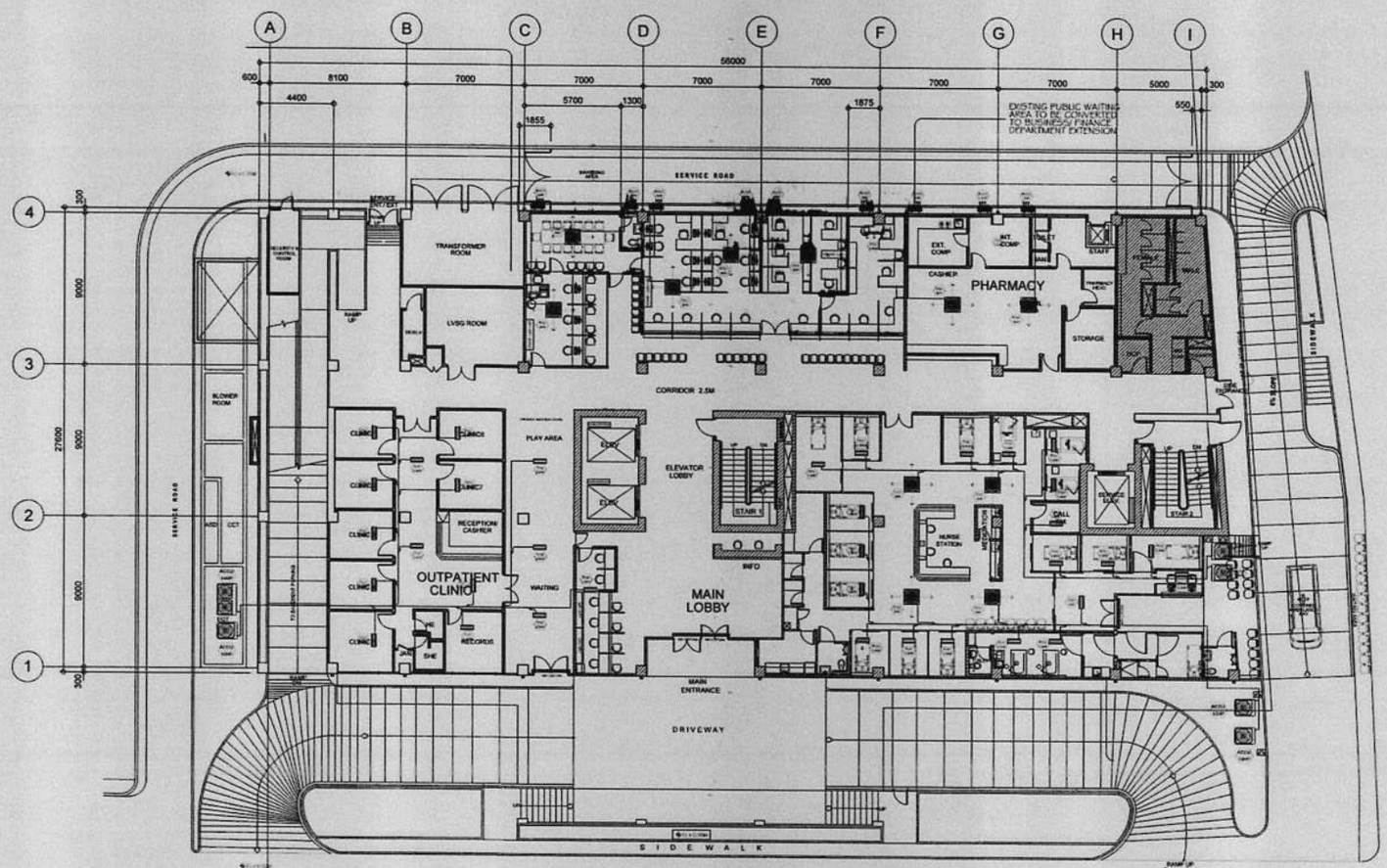
CONFORME & ACCEPTED BY:

CONTRACTOR



SCOPE OF WORKS:

1. Installation of VRV / VRF Type of Aircondion System.
2. Rehabilitation of existing aircon ducting.
3. Installation of ECB's for FCU units.
4. Use IMC pipe for exposed wiring installation.
5. Installation of Condensate Drain System (CDS) shall be separated from other Sanitary Piping System.

PROPOSED REPAIR WORKS

GROUND FLOOR AIRCONDITION LAYOUT

SCALE 01/05

1 : 150 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION : ENGR. JORGE L. TIZON OIC, ELECTRICAL/INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: AIRCONDITION LAYOUT	SHEET NO.: M 42/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
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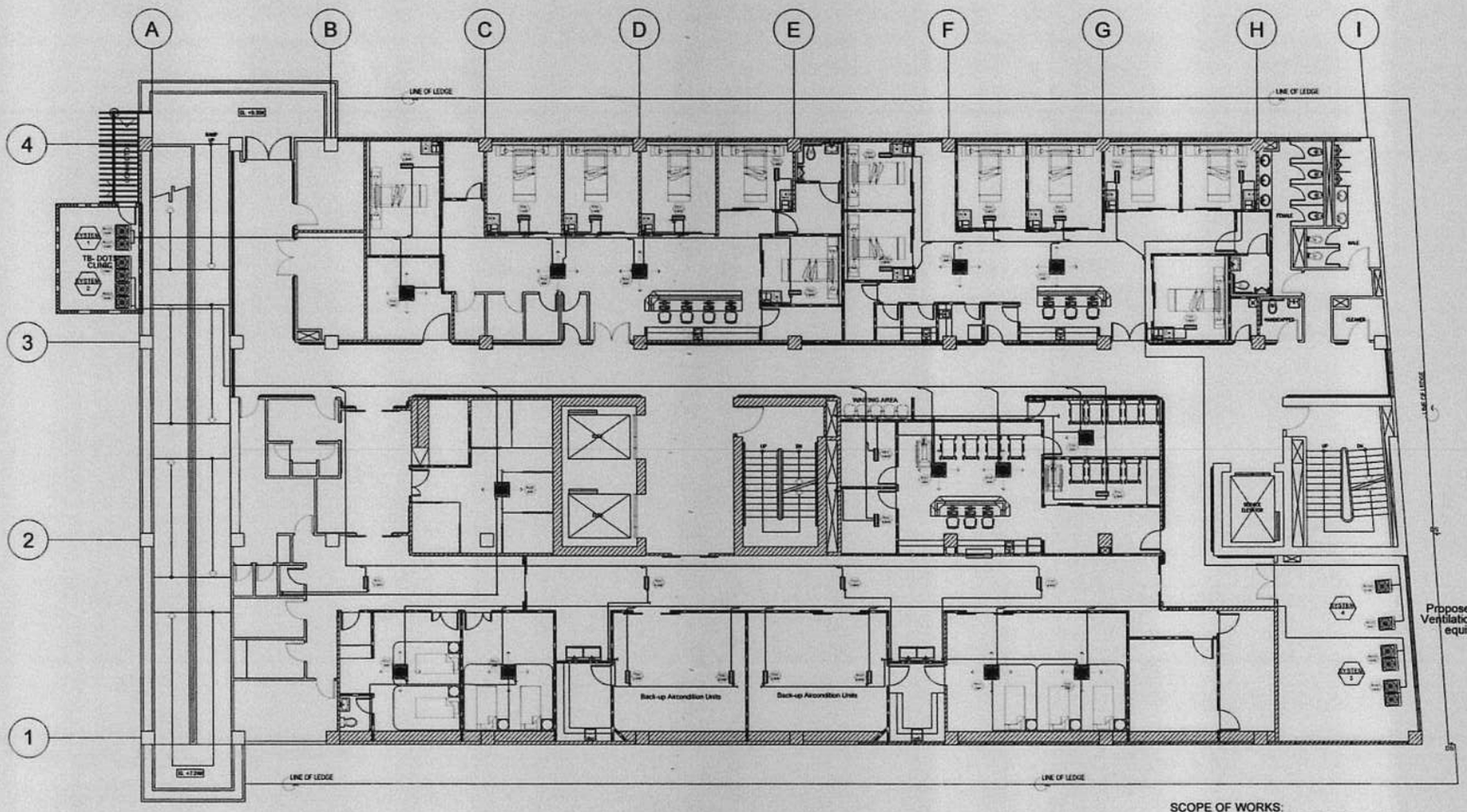
CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS

SECOND FLOOR AIRCONDITION LAYOUT

01 / A 07 SCALE 1 : 150 MM.

SCOPE OF WORKS:

1. Installation of VRV / VRF Type of Aircondion System.
2. Dismantling of existing aircon ducting.
3. Installation of ECB's for FCU units.
4. Use IMC pipe for exposed wiring installation.
5. Installation of Condensate Drain System (CDS) shall be separated from other Sanitary Piping System.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I) ENGR. CARLA L. BELLIN (ENGINEER I) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I) ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: AIRCONDITION LAYOUT	SHEET NO.: M 43/73

IMPORTANT NOTES:

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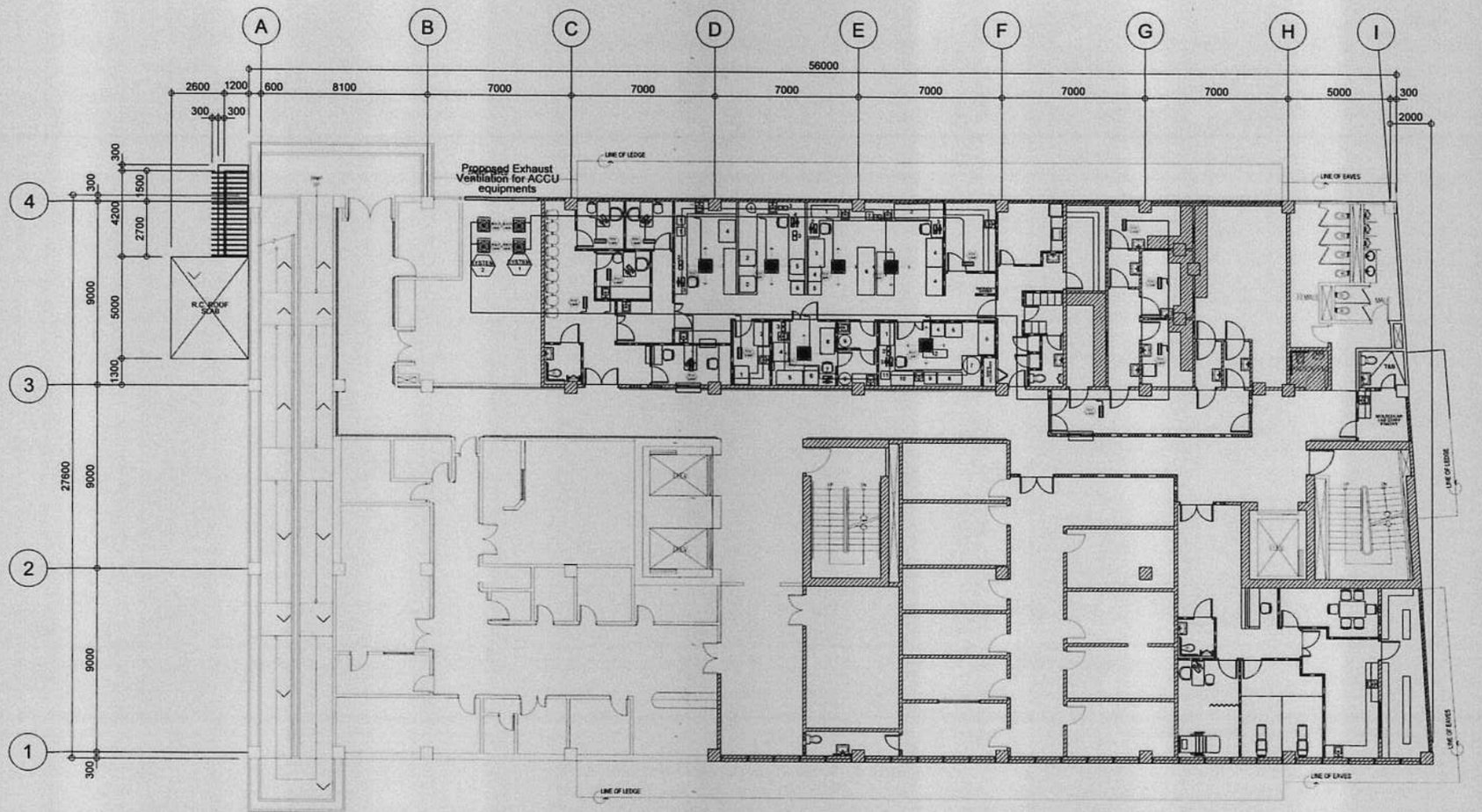
CONTRACTOR



WITH PROPOSED REPAIR WORKS

THIRD FLOOR AIRCONDITION LAYOUT

01 / A 07 SCALE 1:150 MM

SCOPE OF WORKS:

1. Installation of VRV / VRF Type of Aircondion System.
2. Dismantling of existing aircon ducting.
3. Installation of ECB's for FCU units.
4. Use IMC pipe for exposed wiring installation.
5. Installation of Condensate Drain System (CDS) shall be separated from other Sanitary Piping System.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRIUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE D. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: AIRCONDITION LAYOUT

SHEET NO.: M 44/73

IMPORTANT NOTES:

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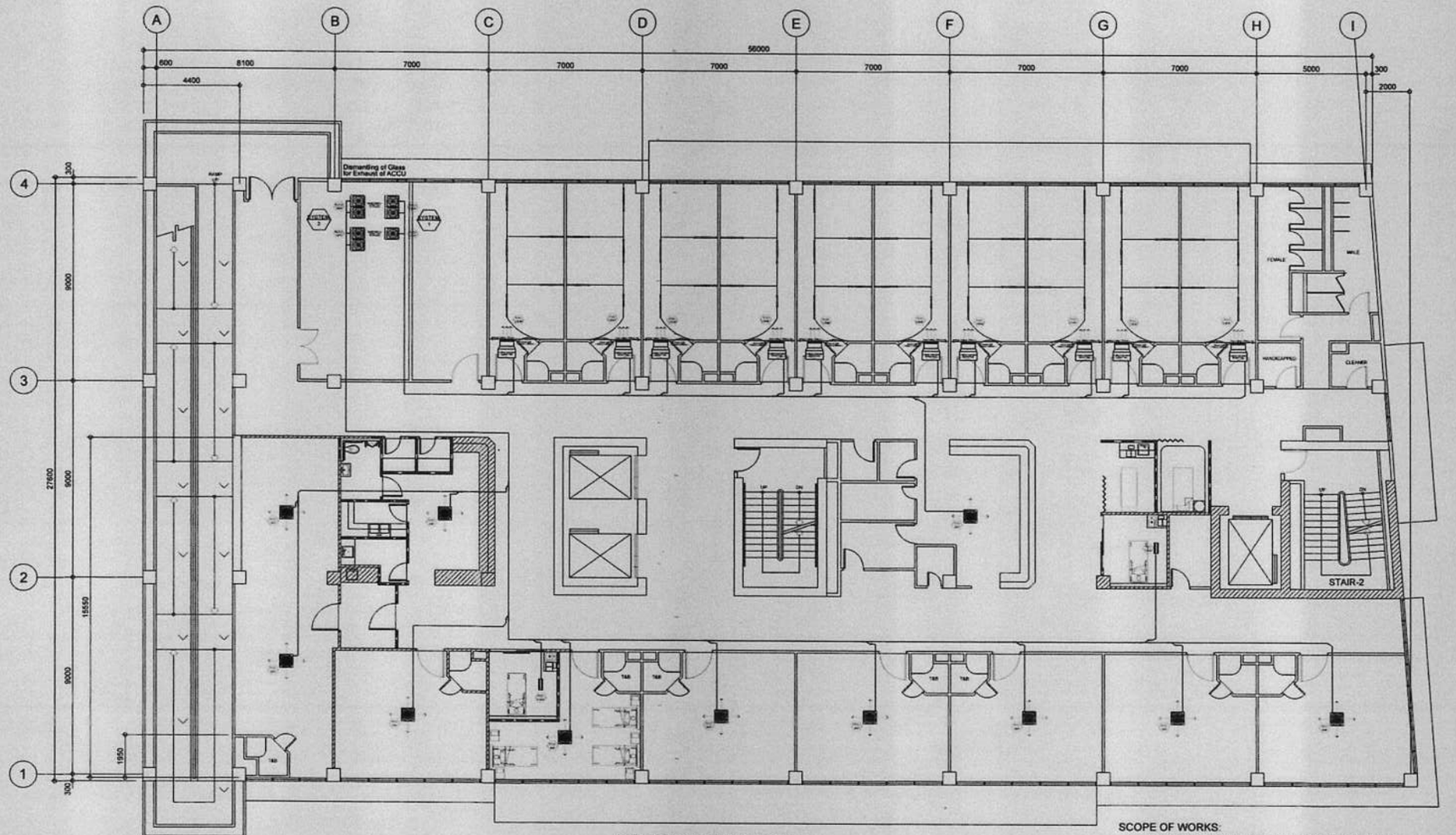

WITH PROPOSED REPAIR WORKS

FOURTH FLOOR AIRCONDITION LAYOUT

01 / A 07 SCALE 1:150 MM

SCOPE OF WORKS:

1. Installation of VRV / VRF Type of Aircondion System.
2. Dismantling of existing aircon ducting.
3. Installation of ECB's for FCU units.
4. Use IMC pipe for exposed wiring installation.
5. Installation of Condensate Drain System (CDS) shall be separated from other Sanitary Piping System.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I)
ENGR. CARLA L. BELLIN (ENGINEER I)
ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I)
ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: AIRCONDITION LAYOUT

SHEET NO.: M 4573

IMPORTANT NOTES:

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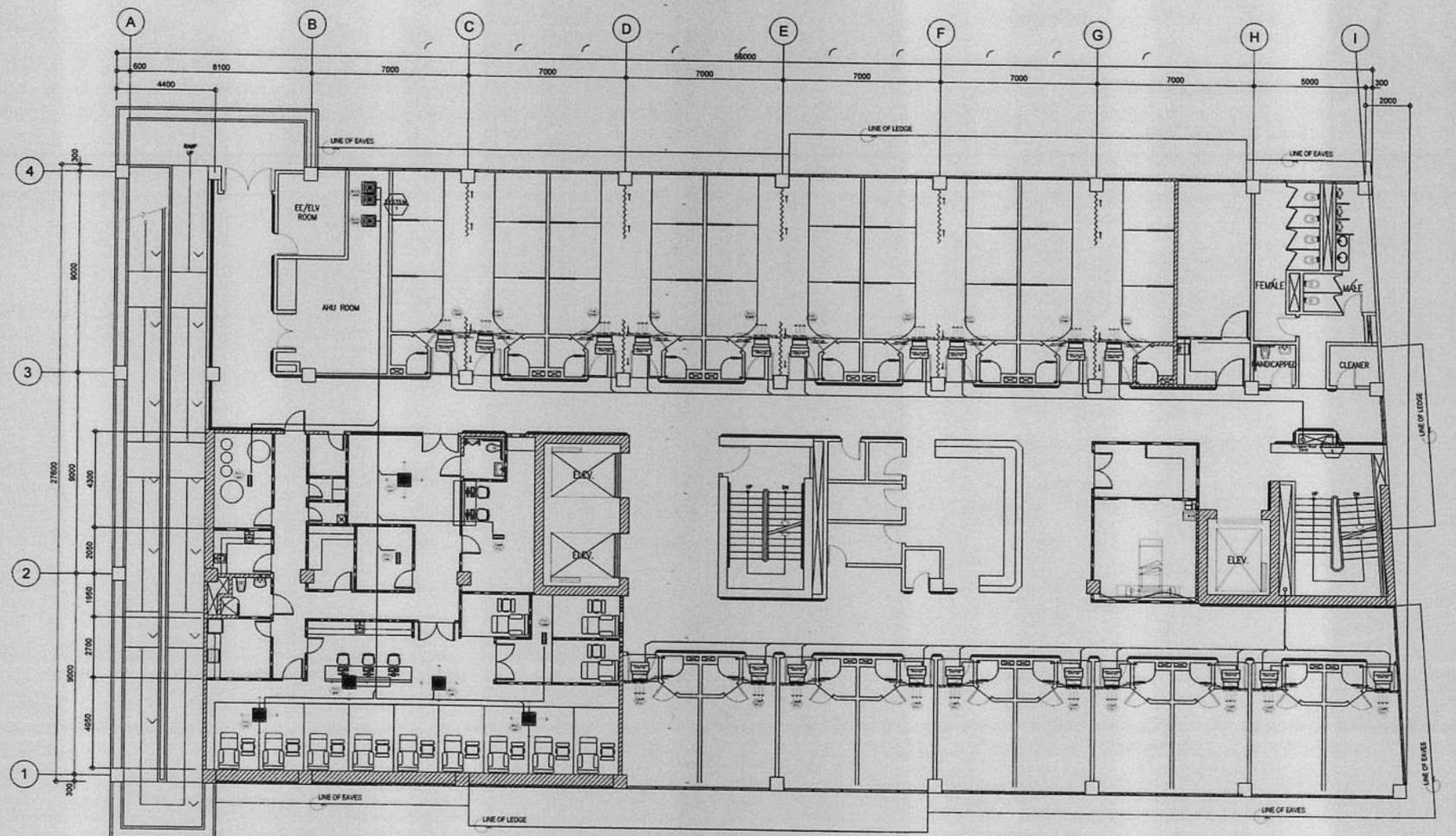
CONFORME & ACCEPTED BY:

CONTRACTOR



WITH PROPOSED REPAIR WORKS

FIFTH FLOOR AIRCONDITION LAYOUT

01 / A 07 SCALE 1:100 MM

SCOPE OF WORKS:

1. Installation of VRV / VRF Type of Aircondion System.
2. Use IMC pipe for exposed wiring installation.
3. Installation of Condensate Drain System (CDS) shall be separated from other Sanitary Piping System.
4. ACCU Outdoor Equipment to be Installed at Upper Roofdeck.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLO L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: AIRCONDITION LAYOUT

SHEET NO.: M 46/73

IMPORTANT NOTES:

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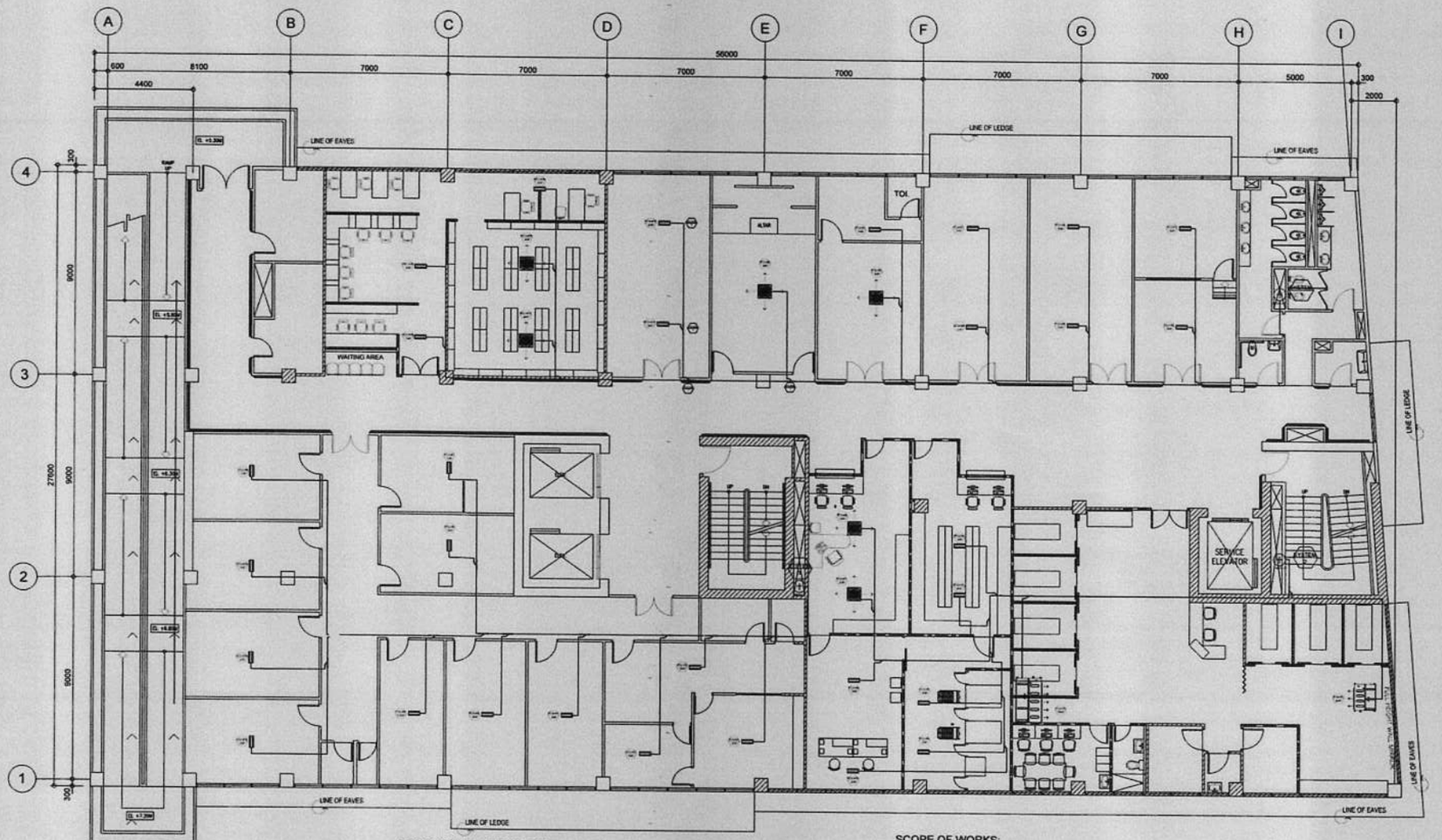
CONTRACTOR



PROPOSED REPAIR WORKS

SIXTH FLOOR POWER LAYOUT

01 / A 05 SCALE

1 : 150 MM.

SCOPE OF WORKS:

1. Installation of Convenience Outlets
2. Tapped to existing Power Outlet to Existing Panelboards.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER II

ENGR. JOHN JOSHUA T. CORTES
ENGINEER II

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: AIRCONDITION LAYOUT

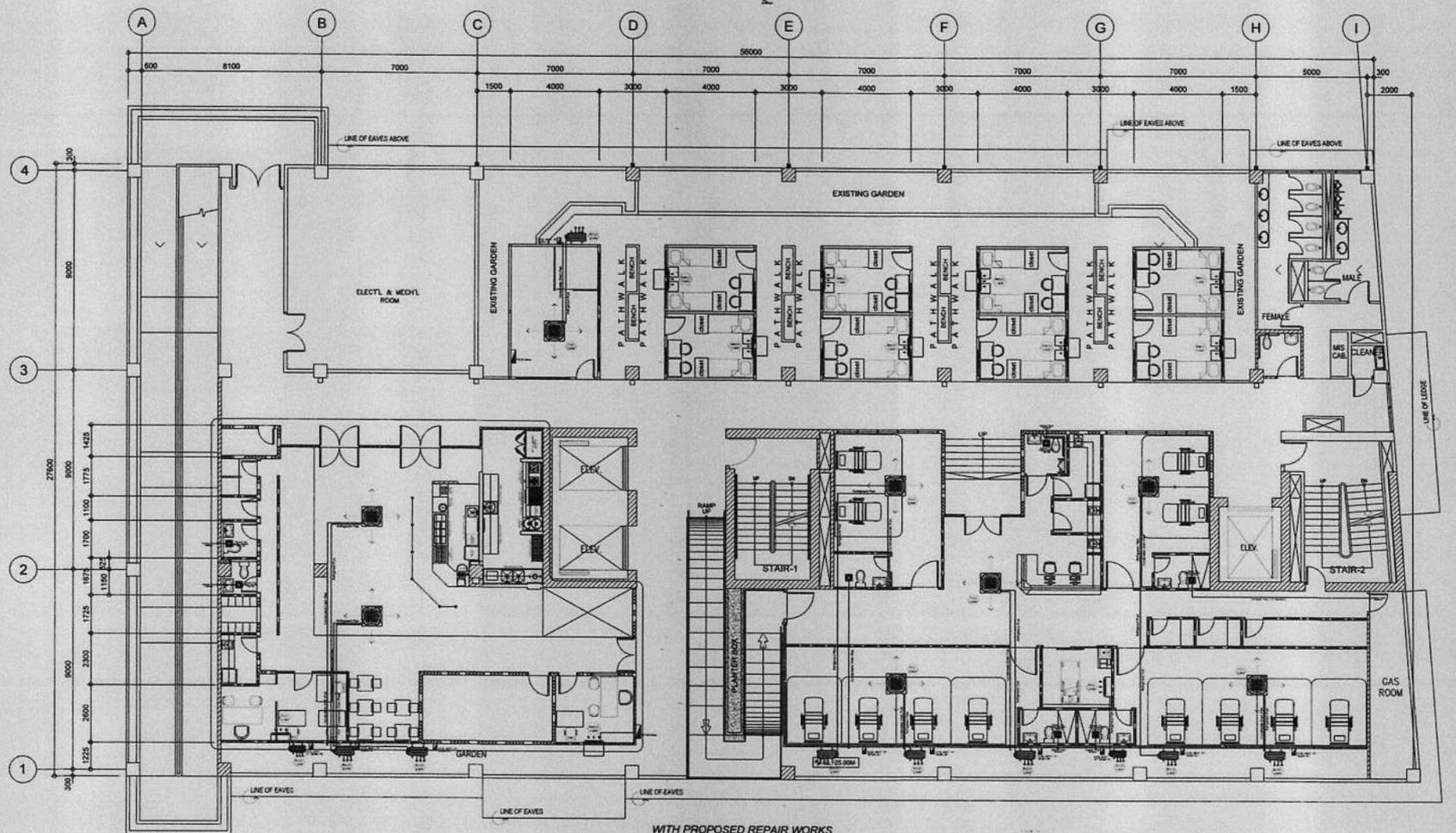
SHEET NO.: M 47/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS

LOWER ROOF DECK AIRCONDITION LAYOUT

01 / A 17

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURES SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: AIRCONDITION LAYOUT	SHEET NO.: M 48 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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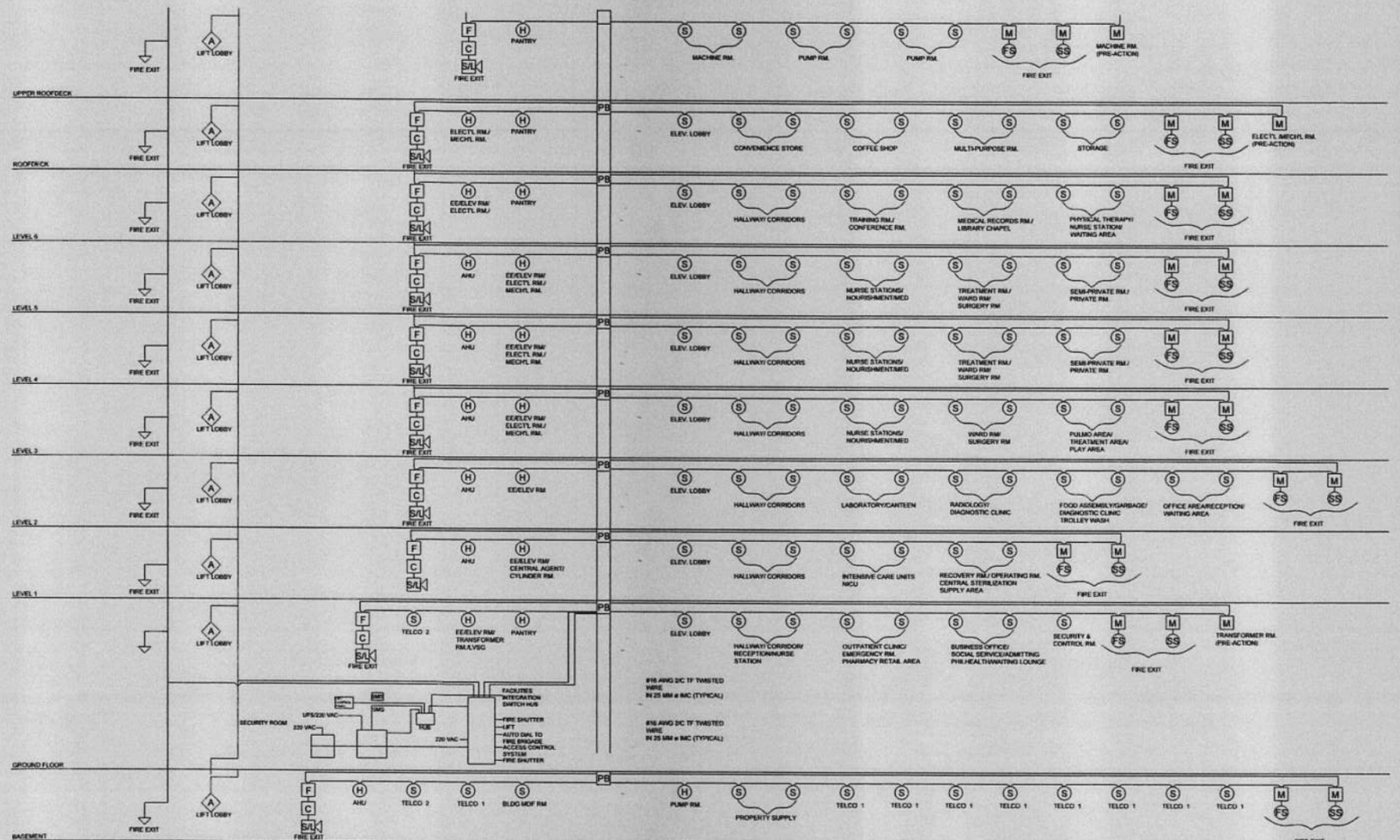
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



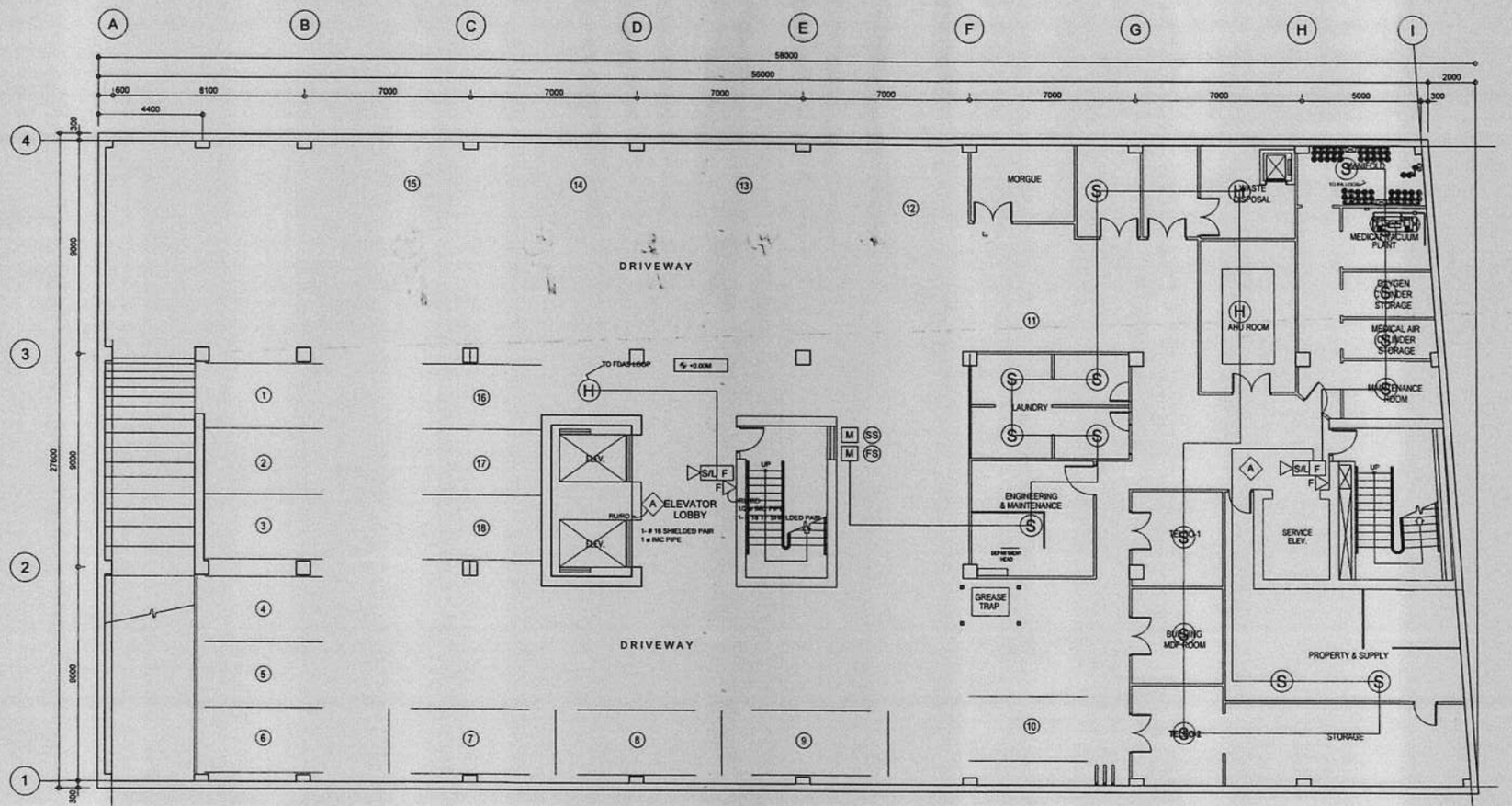
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM RISER DIAGRAM	SHEET NO.: AUX 4973

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, DRAWINGS PLANS, THE LATEST DESIGN OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



BASEMENT FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM.

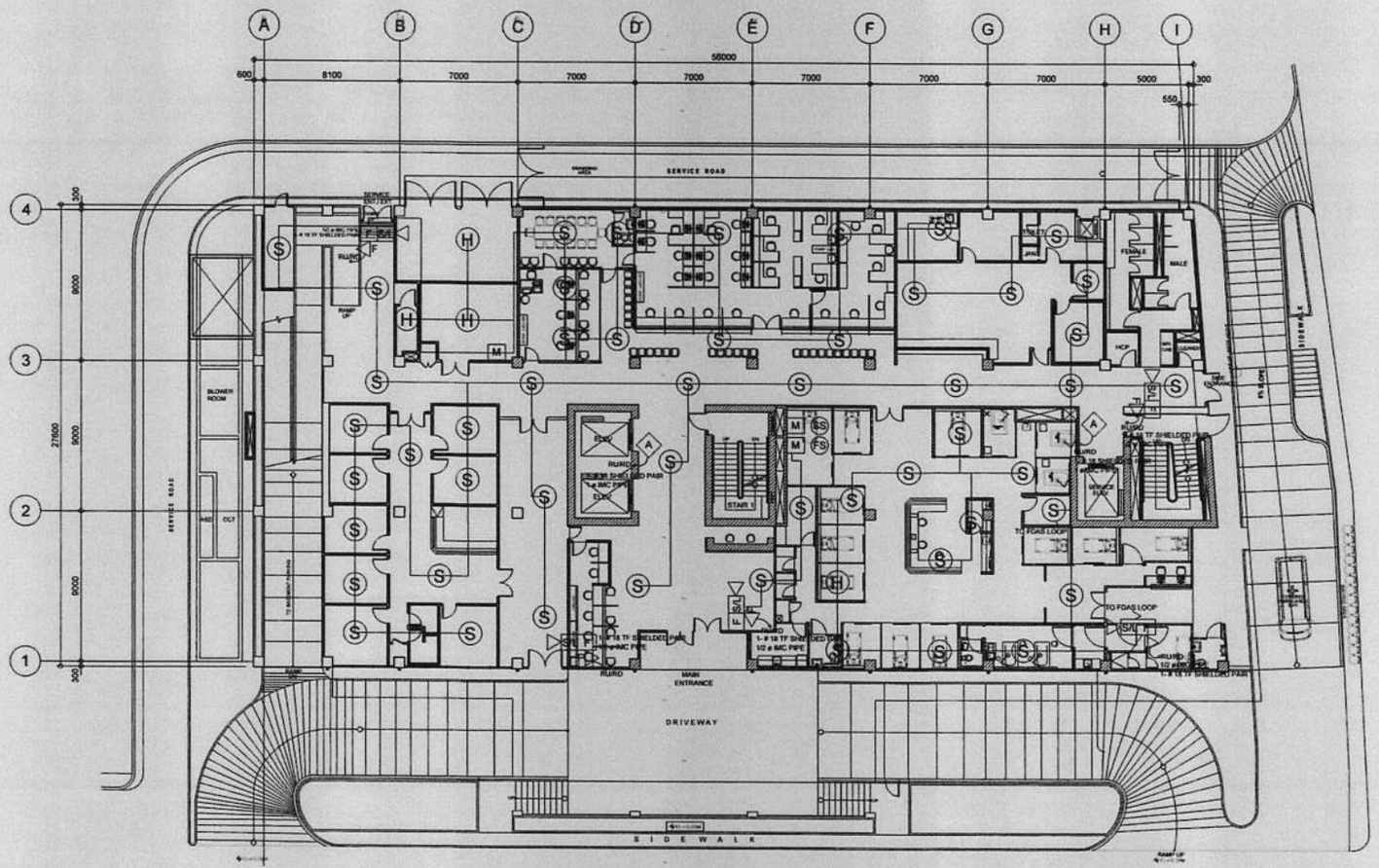
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., Draftsman I ENGR. JOHN JOSHUA T. CORTES, Draftsman I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE S. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 50 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, DRAWINGS AND SPECIFICATIONS, THE DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



GROUND FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM.

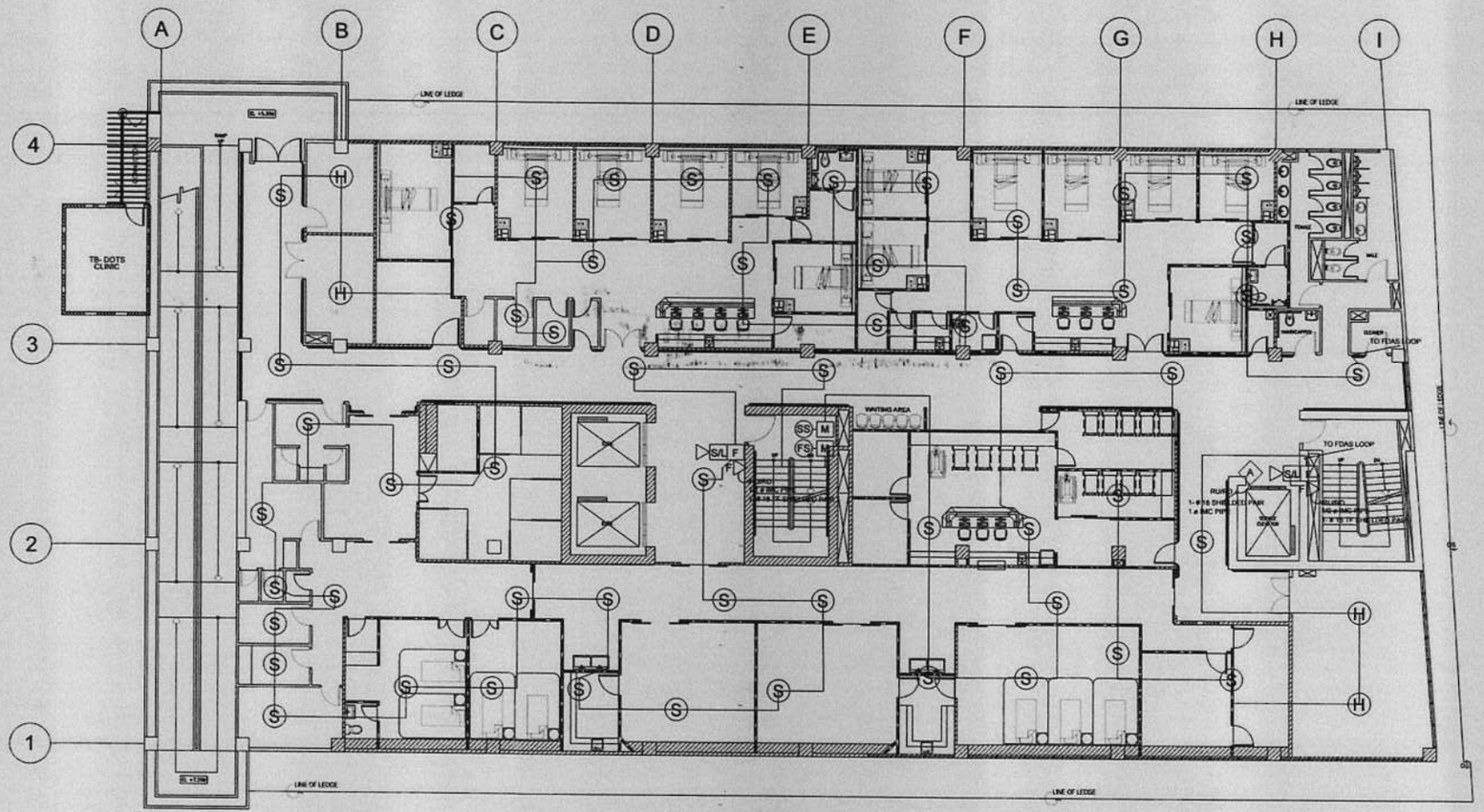
	REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC., ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 51/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



00 / A / 00 SECOND FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)

SHEET NO.: AUX 52/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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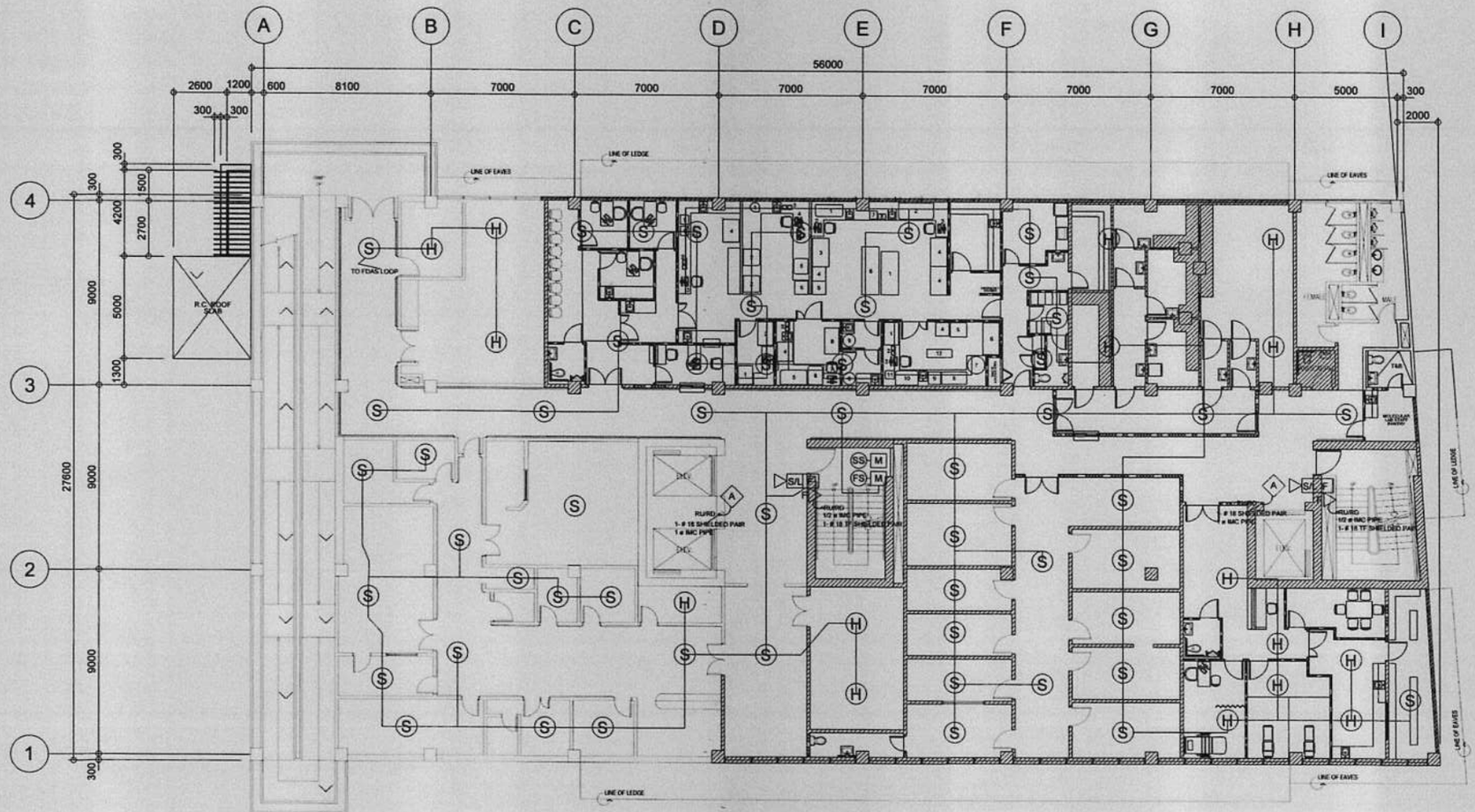
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



THIRD FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 53/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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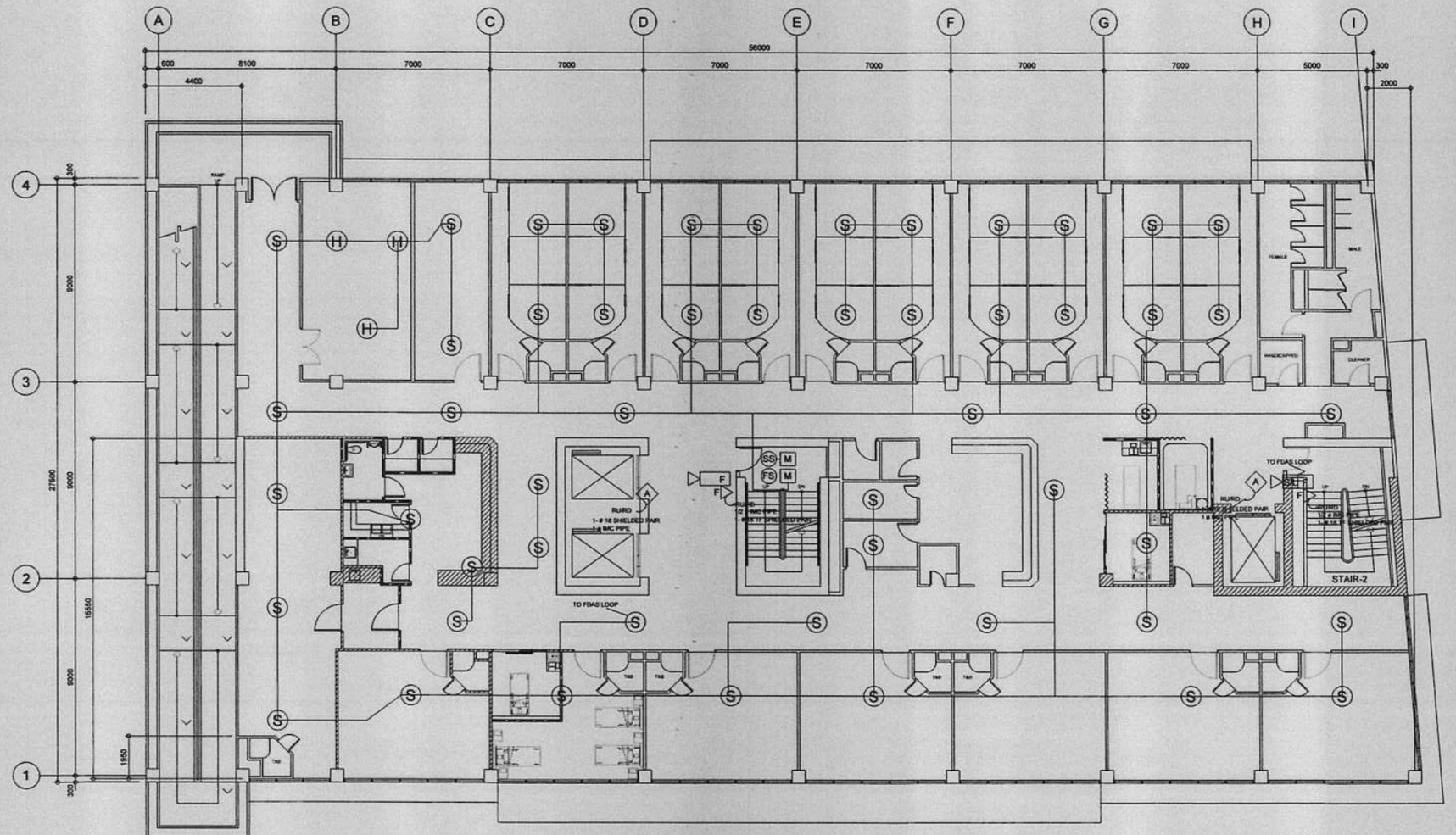
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



FOURTH FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A / 00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO G. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 54/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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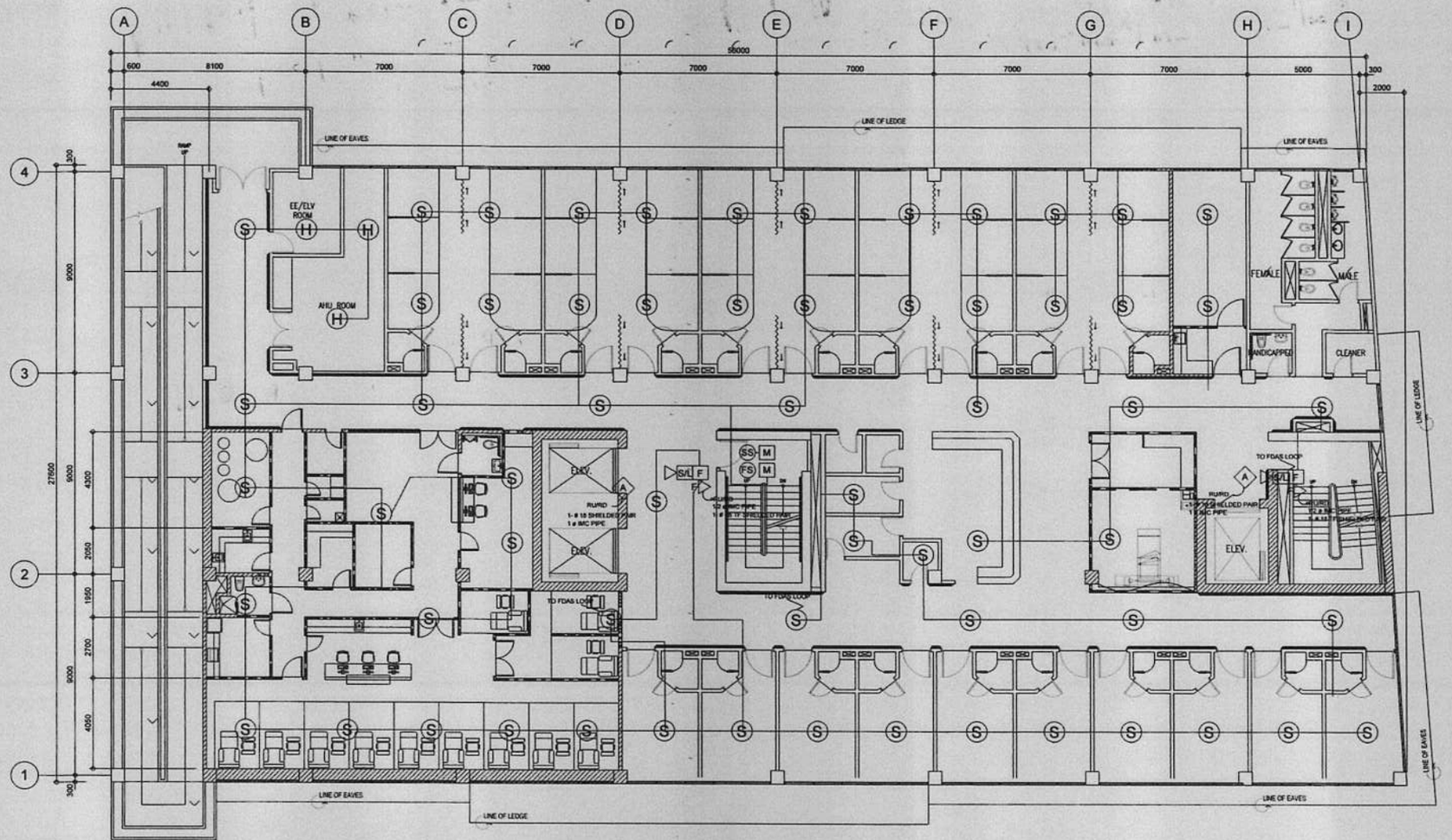
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



FIFTH FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A 00

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGR. CARLA L. BELLIN
ENGR. EDUARDO G. BARRUGA JR.
ENGR. JOHN JOSHUA T. CORTES

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)

SHEET NO.:

AUX 55/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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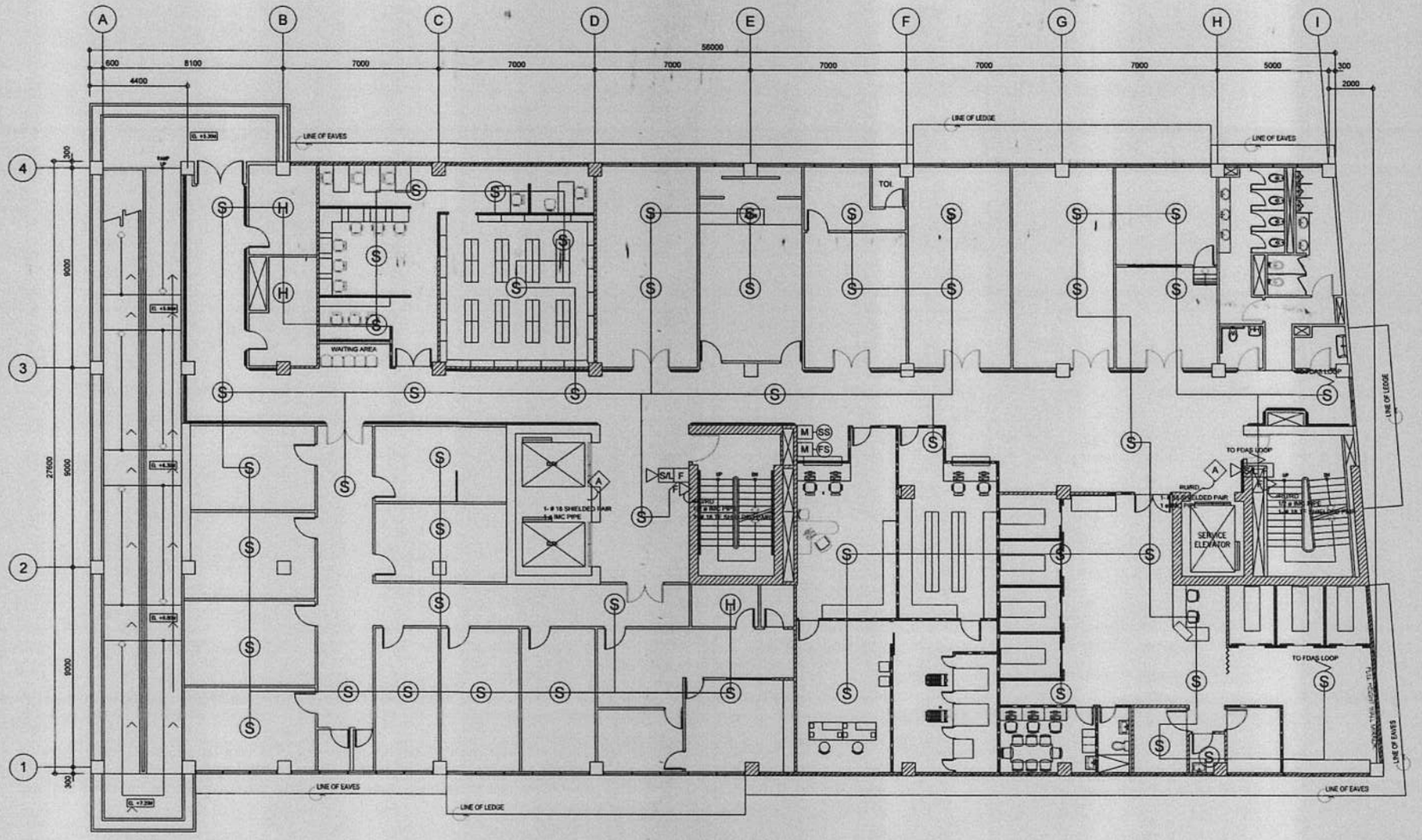
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



SIXTH FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGINEER I ENGR. CARLA L. BELLIN ENGINEER I ENGR. EDUARDO G. BARRUGA JR. ENGINEER I ENGR. JOHN JOSHUA T. CORTES ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE C. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 56/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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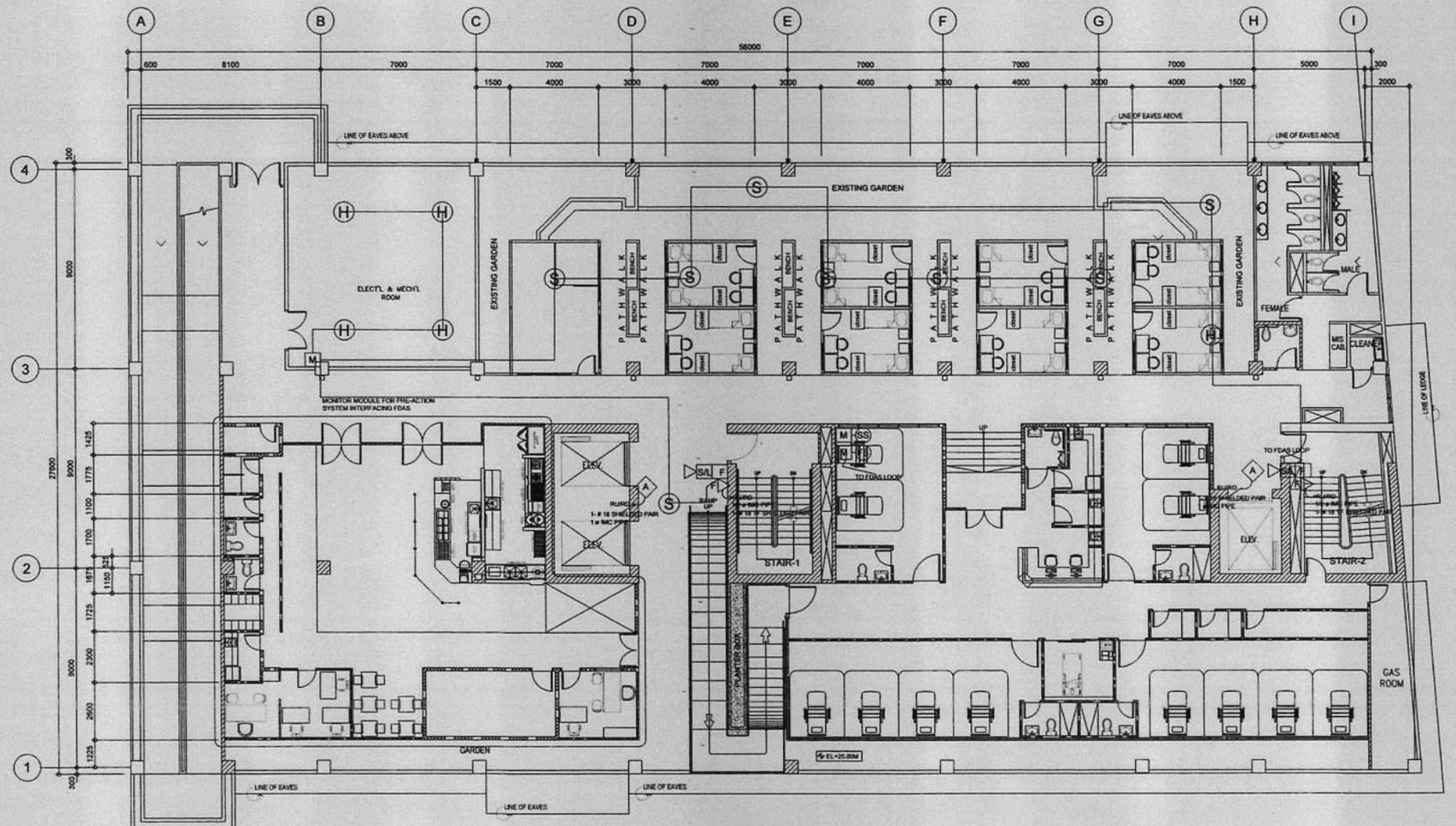
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



ROOF DECK FIRE DETECTION & ALARM SYSTEM LAYOUT

00 / A / 00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO C. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: FIRE DETECTION ALARM SYSTEM LAYOUT (FDAS)	SHEET NO.: AUX 57/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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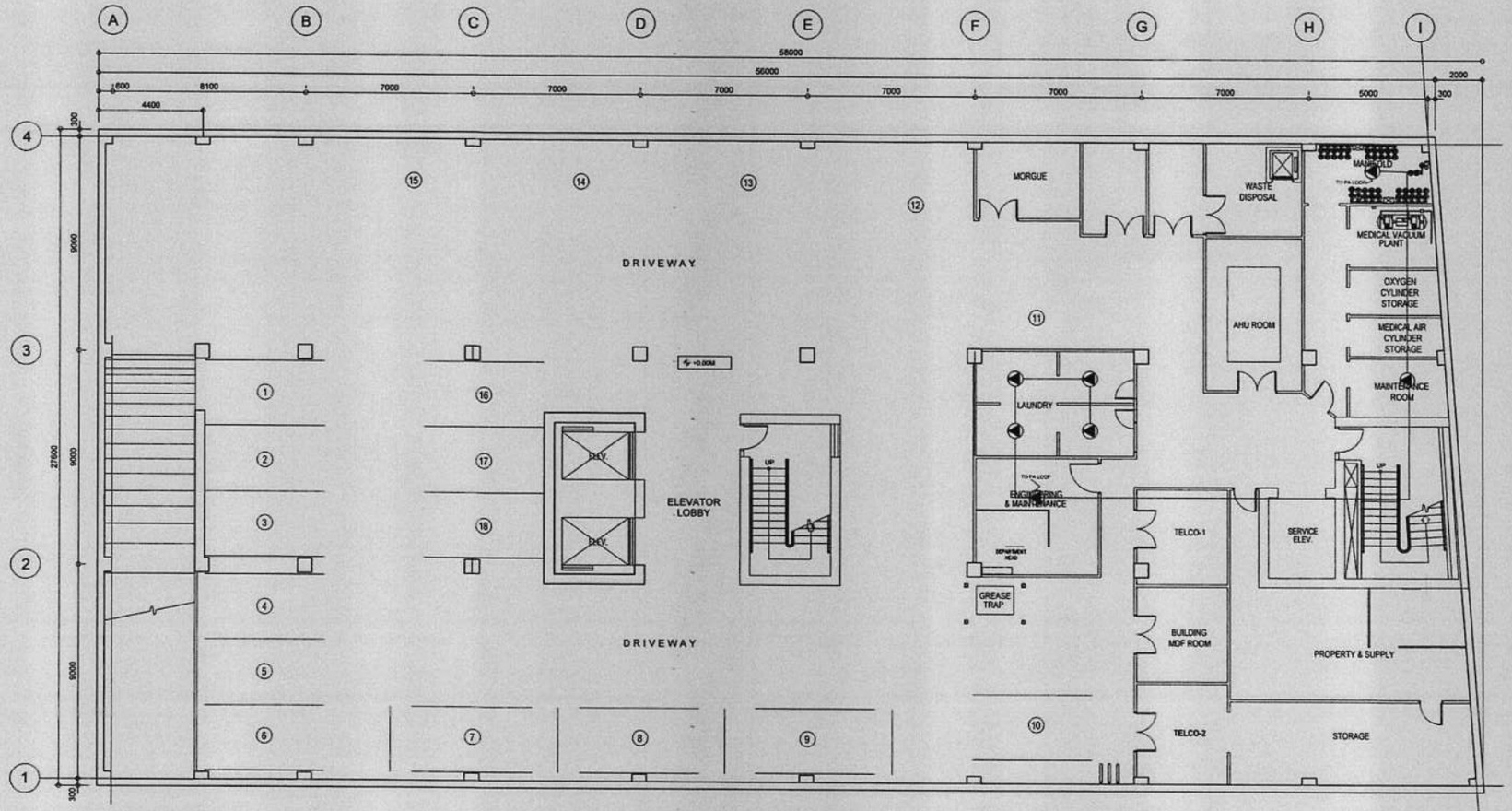
6. CONTRACTOR SHALL PROVIDE QA-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



BASEMENT BGM/PA SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM.

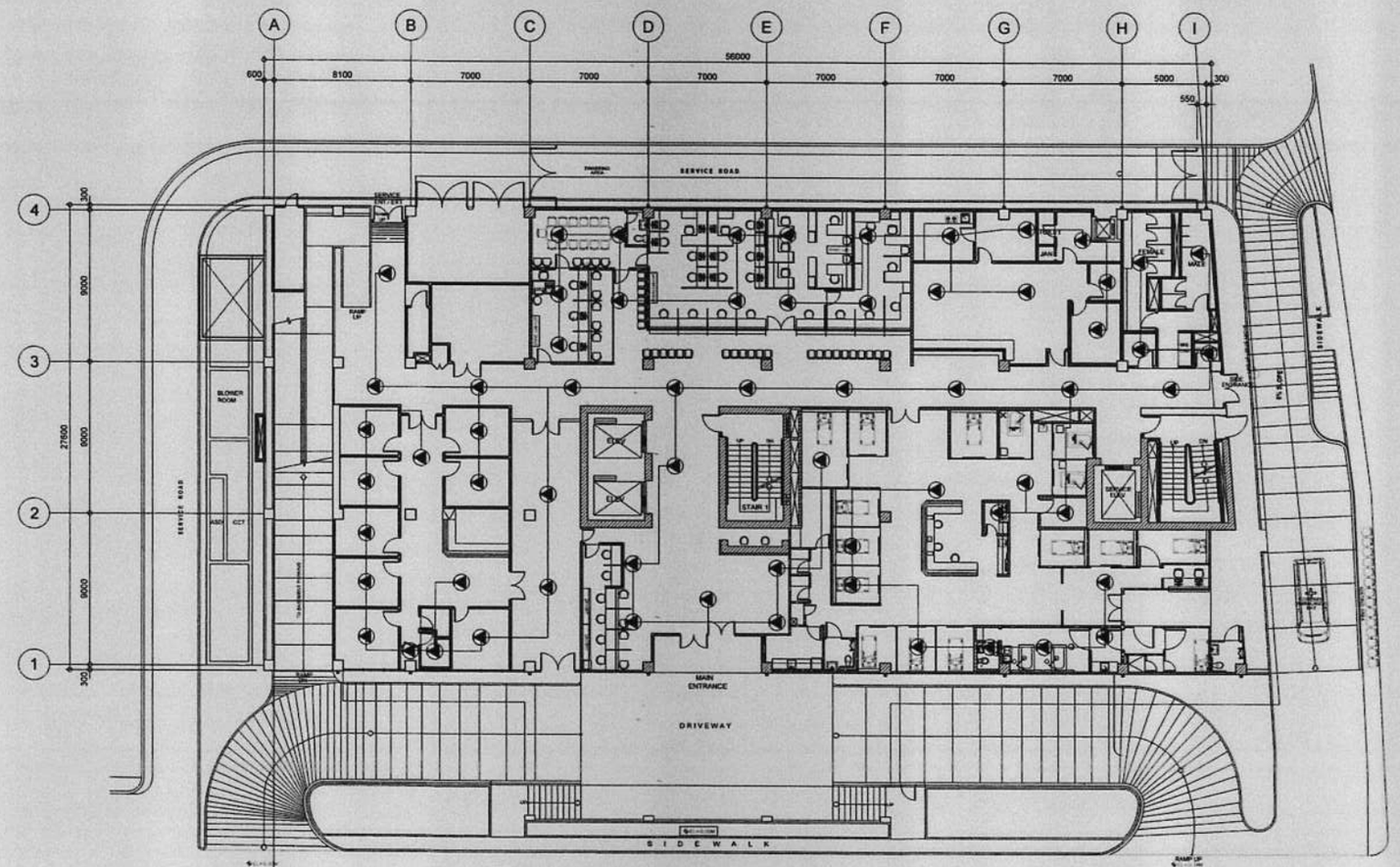
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO D. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT	SHEET NO.: AUX 58/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER W/ HO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



00 A 00 GROUND BGM/PA SYSTEM LAYOUT

SCALE 1 : 100 MM.

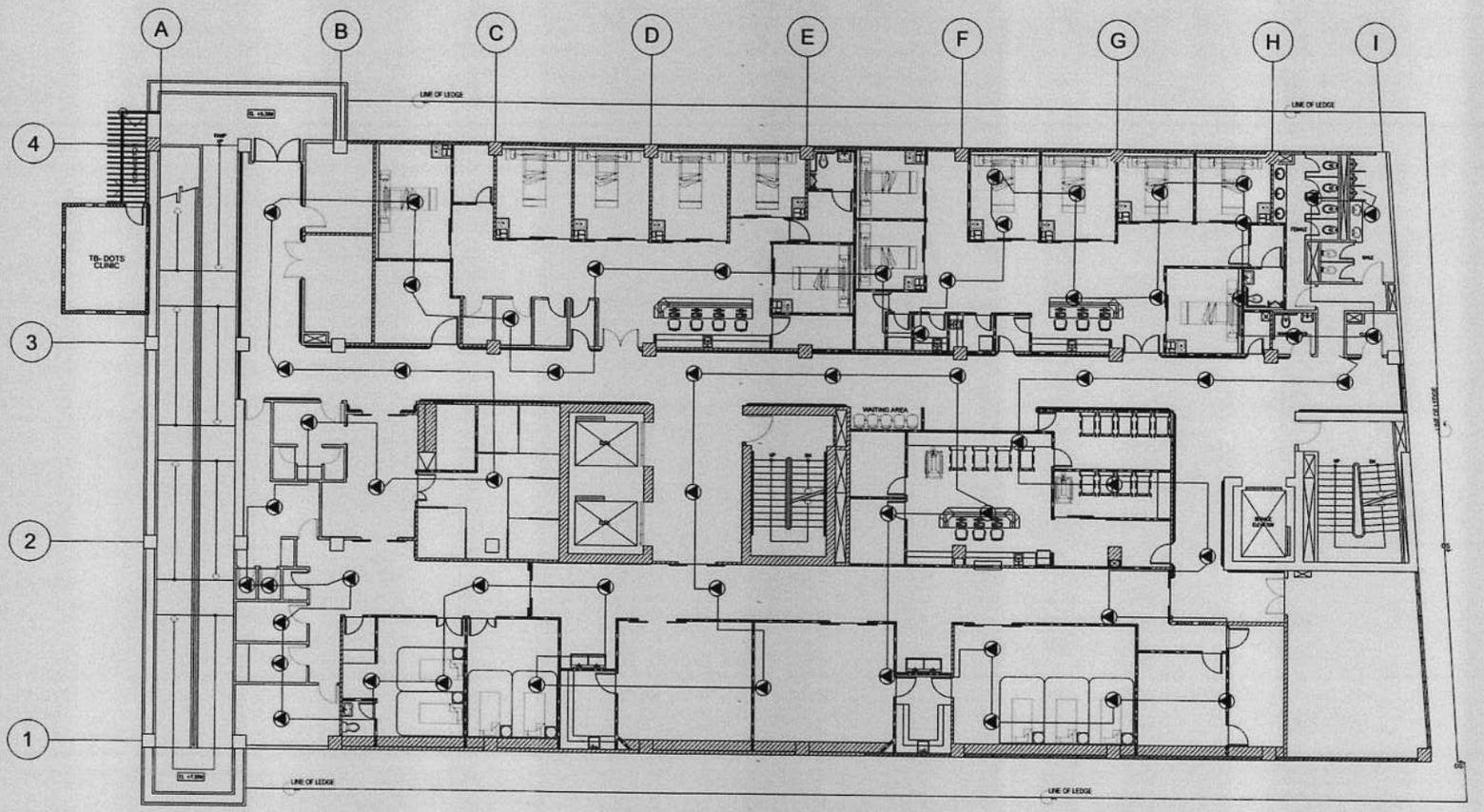
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER) ENGR. CARLA L. BELLIN (ENGINEER) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER) ENGR. JOHN JOSHUA T. CORTES (ENGINEER)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT	SHEET NO.: AUX 59/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



SECOND BGM/PA SYSTEM LAYOUT

00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I ENGR. CARLA L. BELLIN, ENGINEER I ENGR. EDUARDO C. BARRUGA JR., ENGINEER I ENGR. JOHN JOSHUA T. CORTES, ENGINEER I	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT	SHEET NO.: AUX 60/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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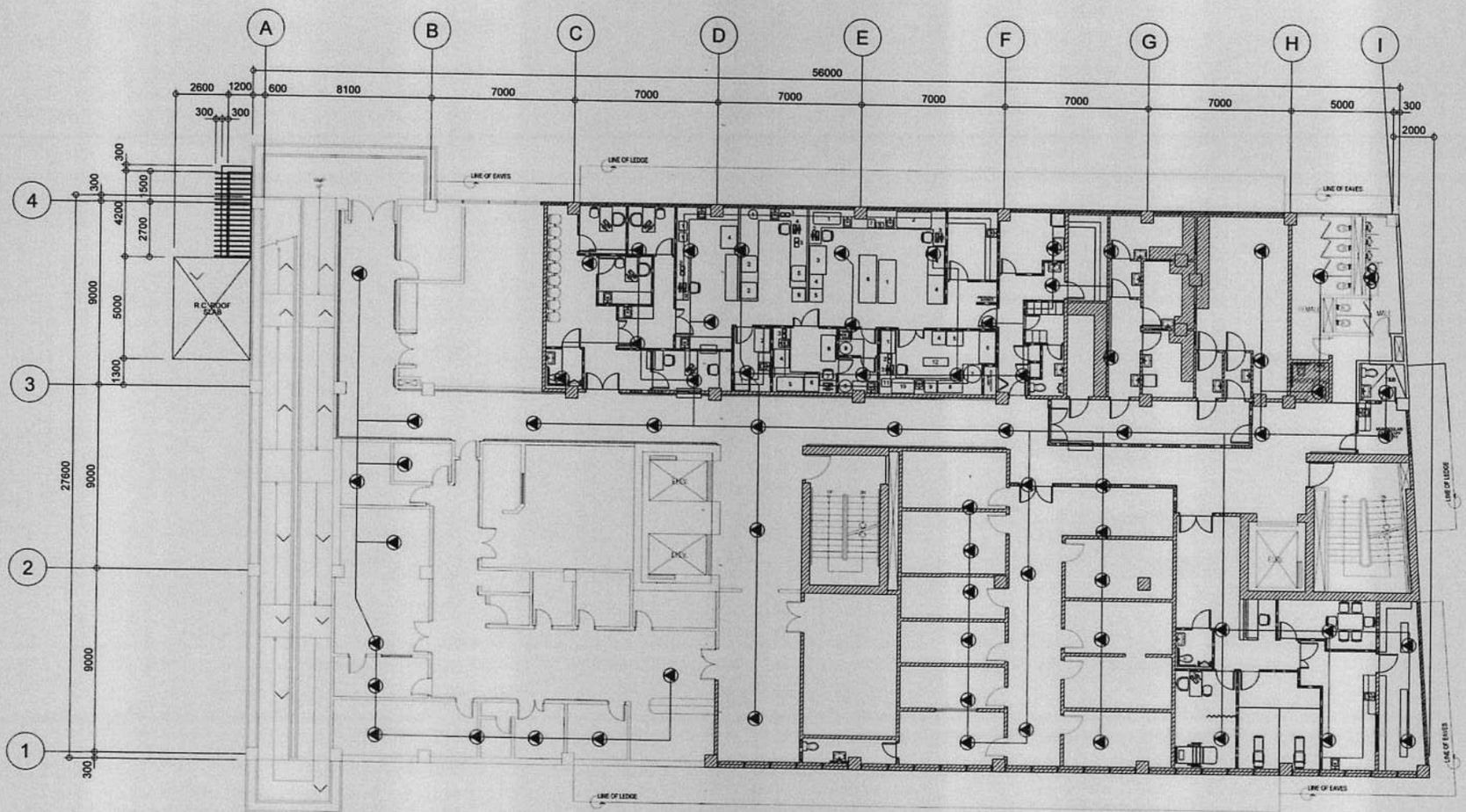
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



THIRD BGM/PA SYSTEM LAYOUT

00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT

SHEET NO.:

AUX 61/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DESIGN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED
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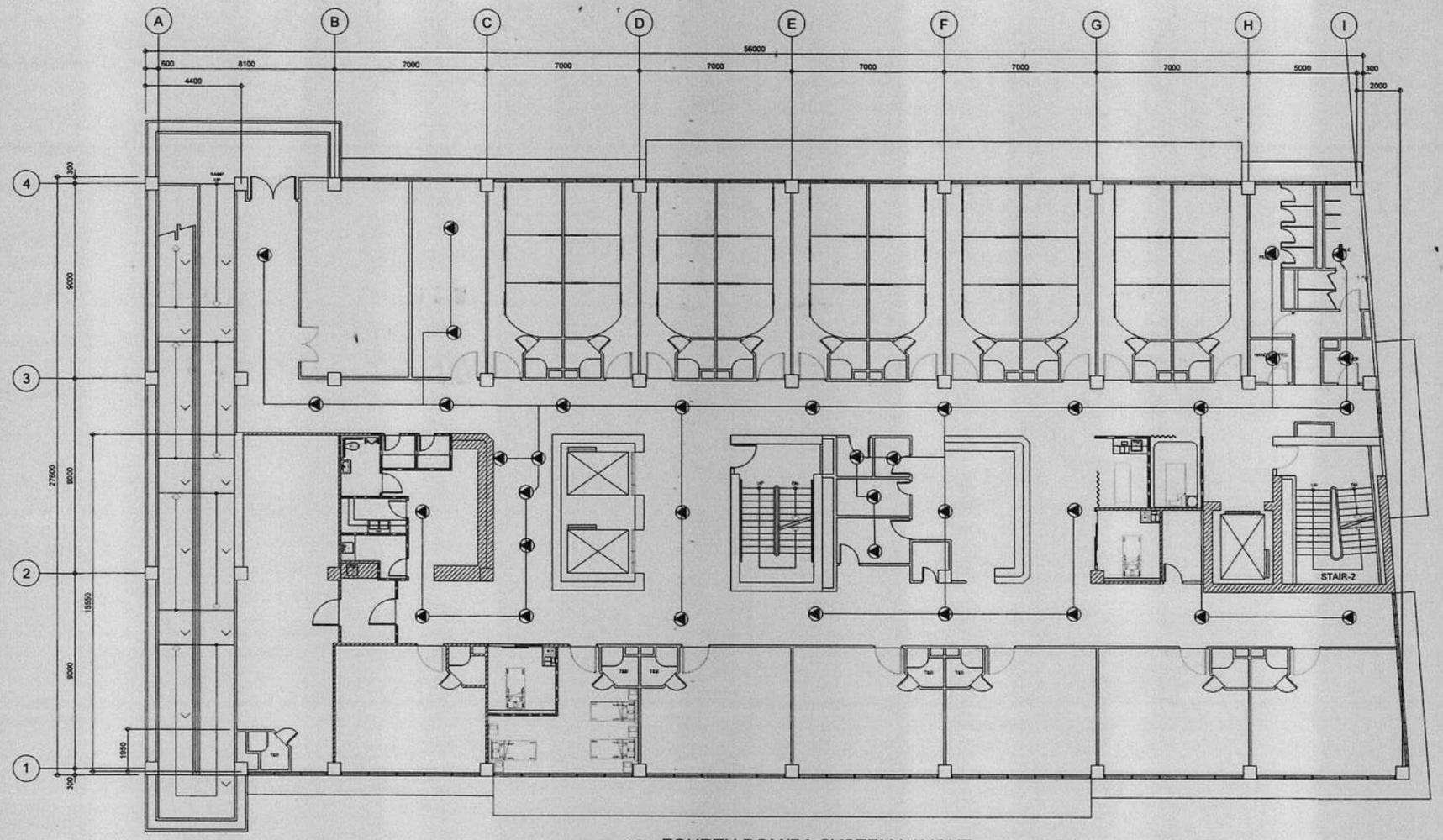
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



FOURTH BGM/PA SYSTEM LAYOUT

00 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE: PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT	SHEET NO.: AUX 62/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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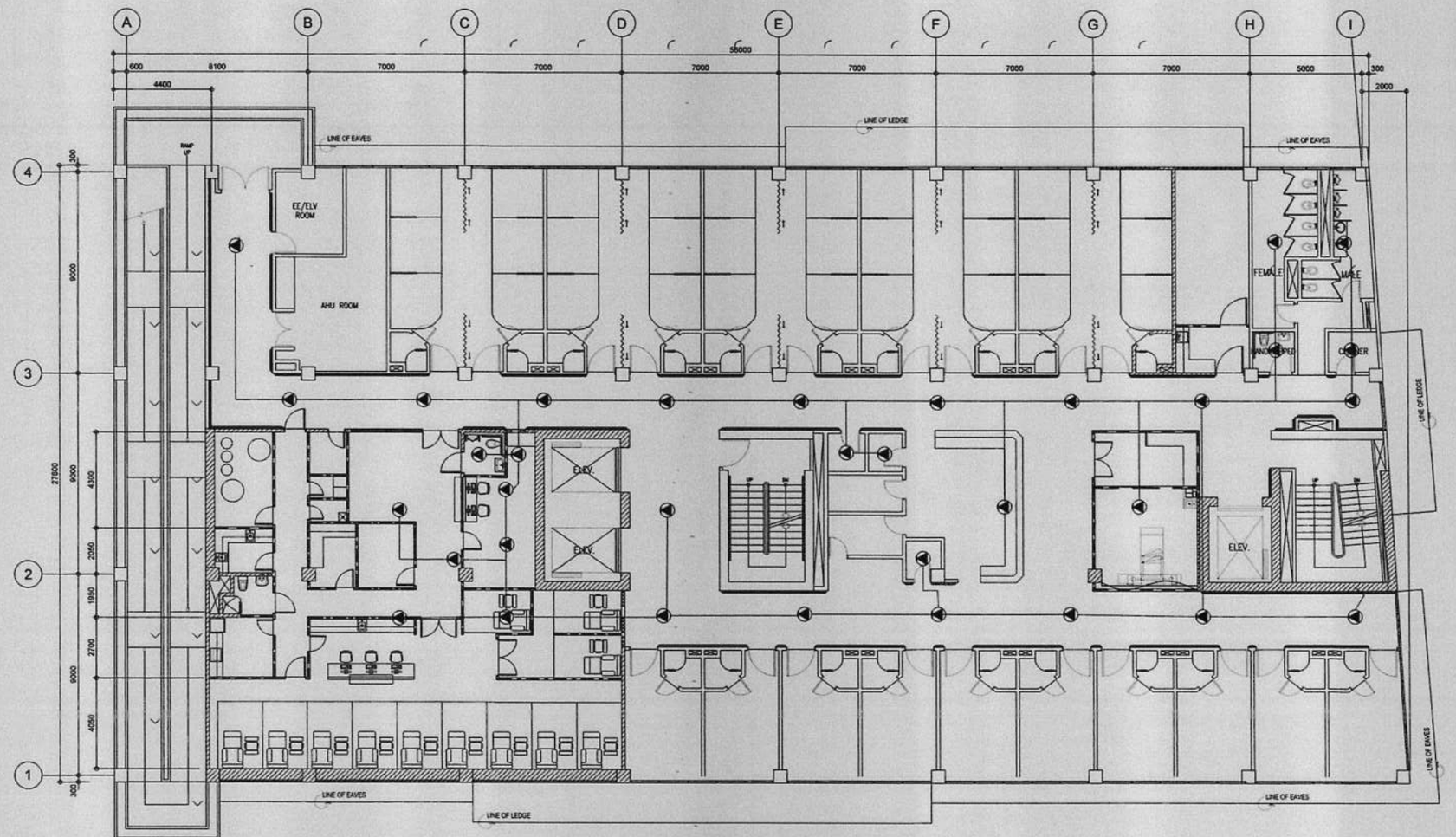
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



FIFTH FLOOR BGM/PA SYSTEM LAYOUT

00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT

SHEET NO.:

AUX 63/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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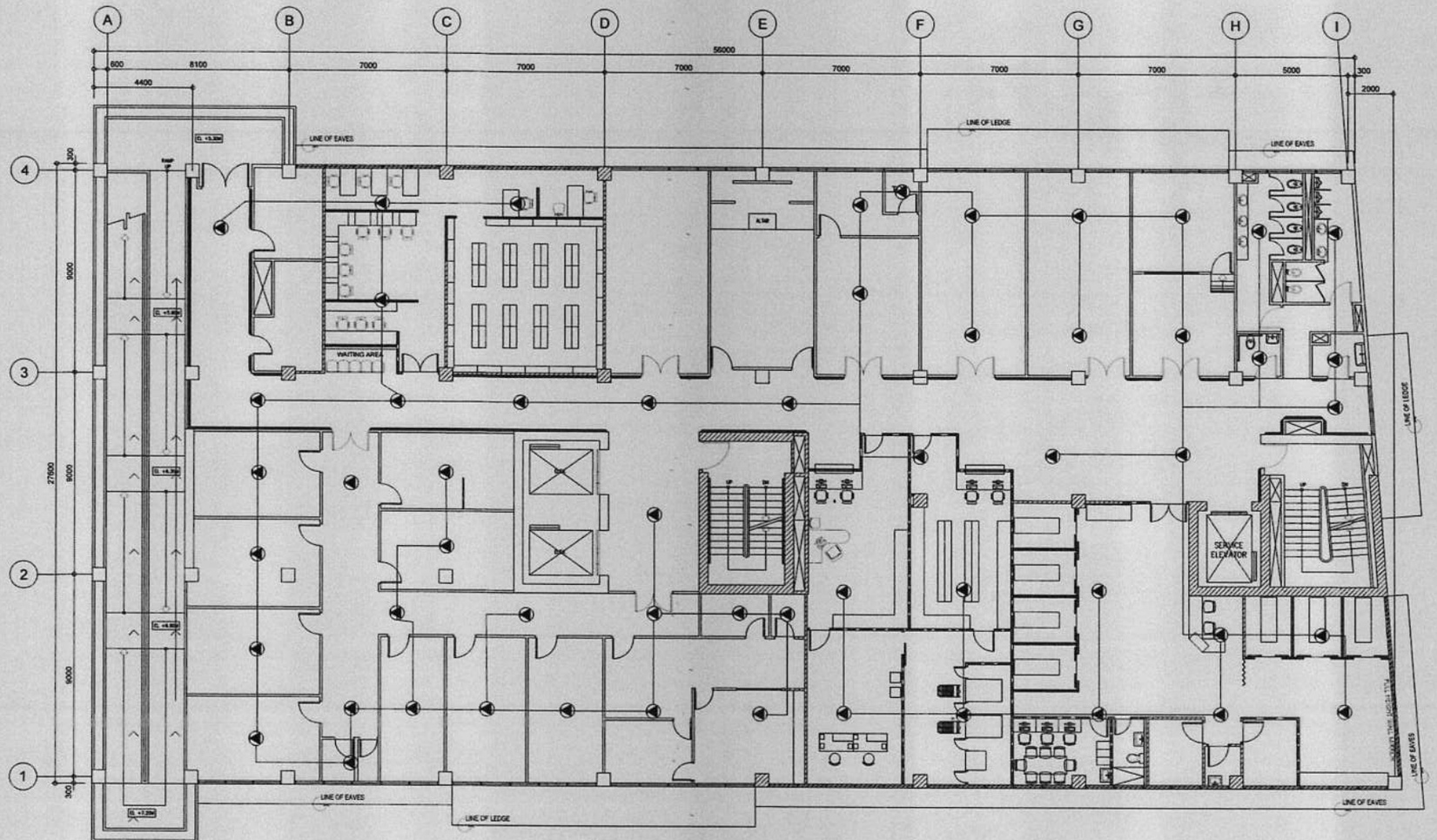
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



PROPOSED LAYOUT FOR REPAIR WORKS

SIXTH FLOOR BGM/PA SYSTEM LAYOUT

01 / A 07 SCALE 1: 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I

ENGR. CARLA L. BELLIN, ENGINEER II

ENGR. EDUARDO G. BARRUGA JR., ENGINEER I

ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT

SHEET NO.:

AUX 64/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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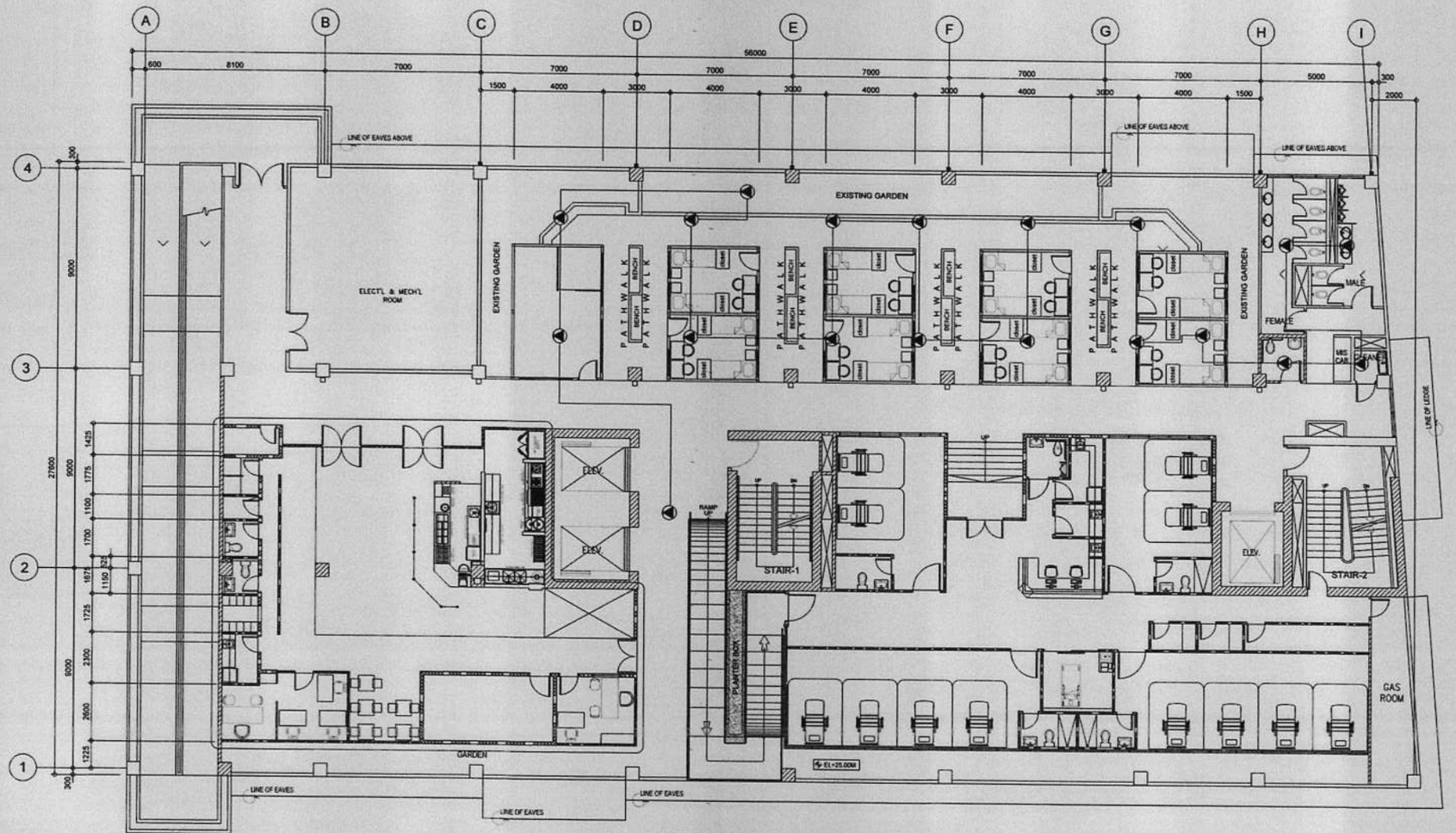
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY:

CONTRACTOR



PROPOSED LAYOUT FOR REPAIR WORKS

ROOF DECK BGM/PA SYSTEM LAYOUT

01 / A 07 SCALE 1:150 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE:

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE:

ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER I
ENGR. CARLA L. BELLIN, ENGINEER I
ENGR. EDUARDO G. BARRUGA JR., ENGINEER I
ENGR. JOHN JOSHUA T. CORTES, ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

PUBLIC ADDRESS SYSTEM WITH BACKGROUND MUSIC LAYOUT

SHEET NO.:

AUX 65/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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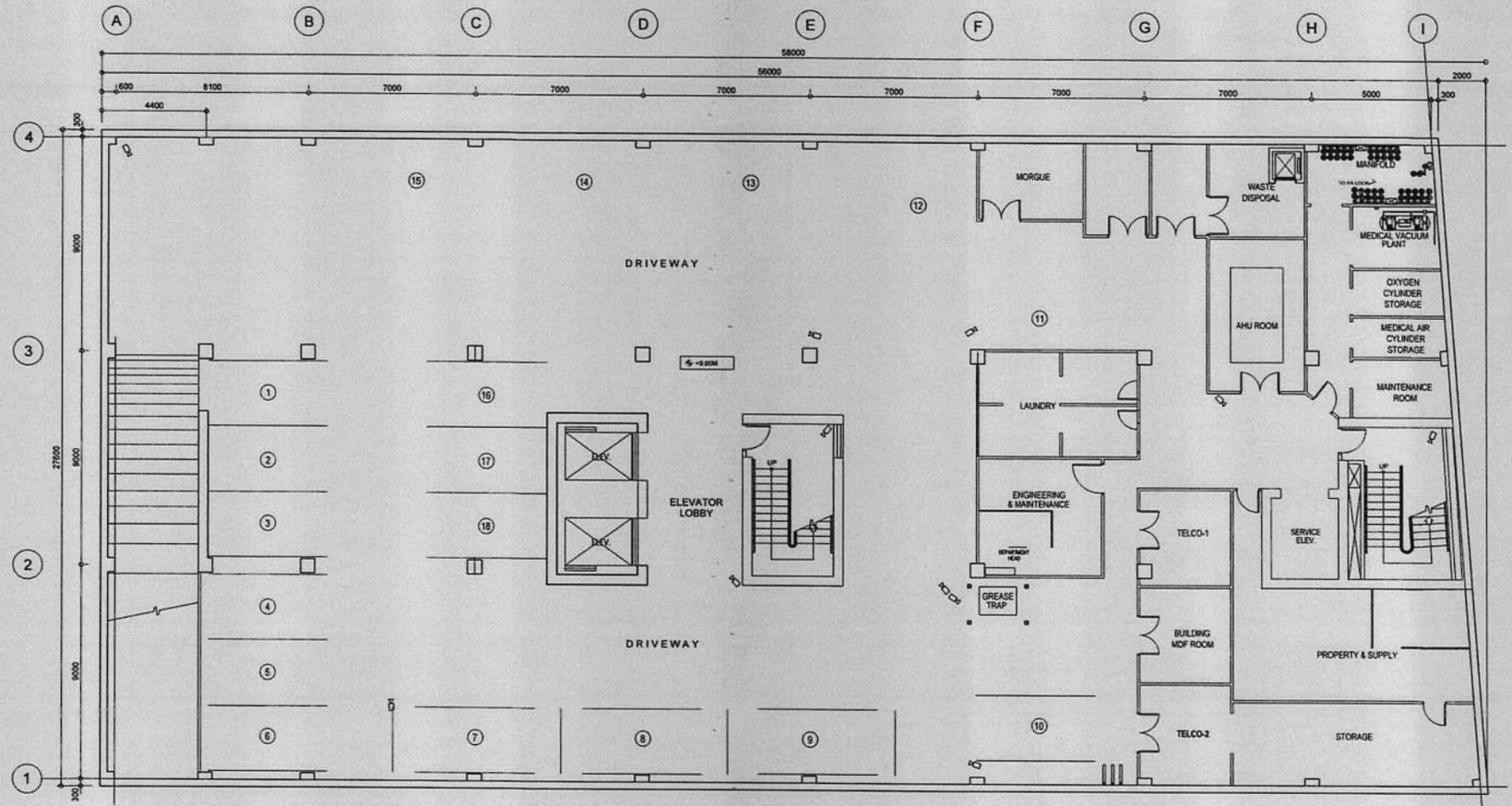
CONFORME & ACCEPTED BY :

CONTRACTOR



00 / A 00 BASEMENT CCTV SYSTEM LAYOUT

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

CITY ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PROJECT IN CHARGE :

ENGR. CHRISTIAN BENEDICT C. SOLOMON
ENGINEER I

ENGR. CARLA L. BELLIN
ENGINEER I

ENGR. EDUARDO G. BARRUGA JR.
ENGINEER I

ENGR. JOHN JOSHUA T. CORTES
ENGINEER I

PROGRAMMING AND CONSTRUCTION:

ENGR. JORGE L. TIZON
OIC, ELECTRICAL INFRASTRUCTURE SECTION

RECOMMENDING APPROVAL:

ENGR. LAWRENCE B. PRUDENCIO
HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
OIC, CITY ENGINEERING OFFICE

APPROVED BY:

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENT:

CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT

SHEET NO.:

AUX 66/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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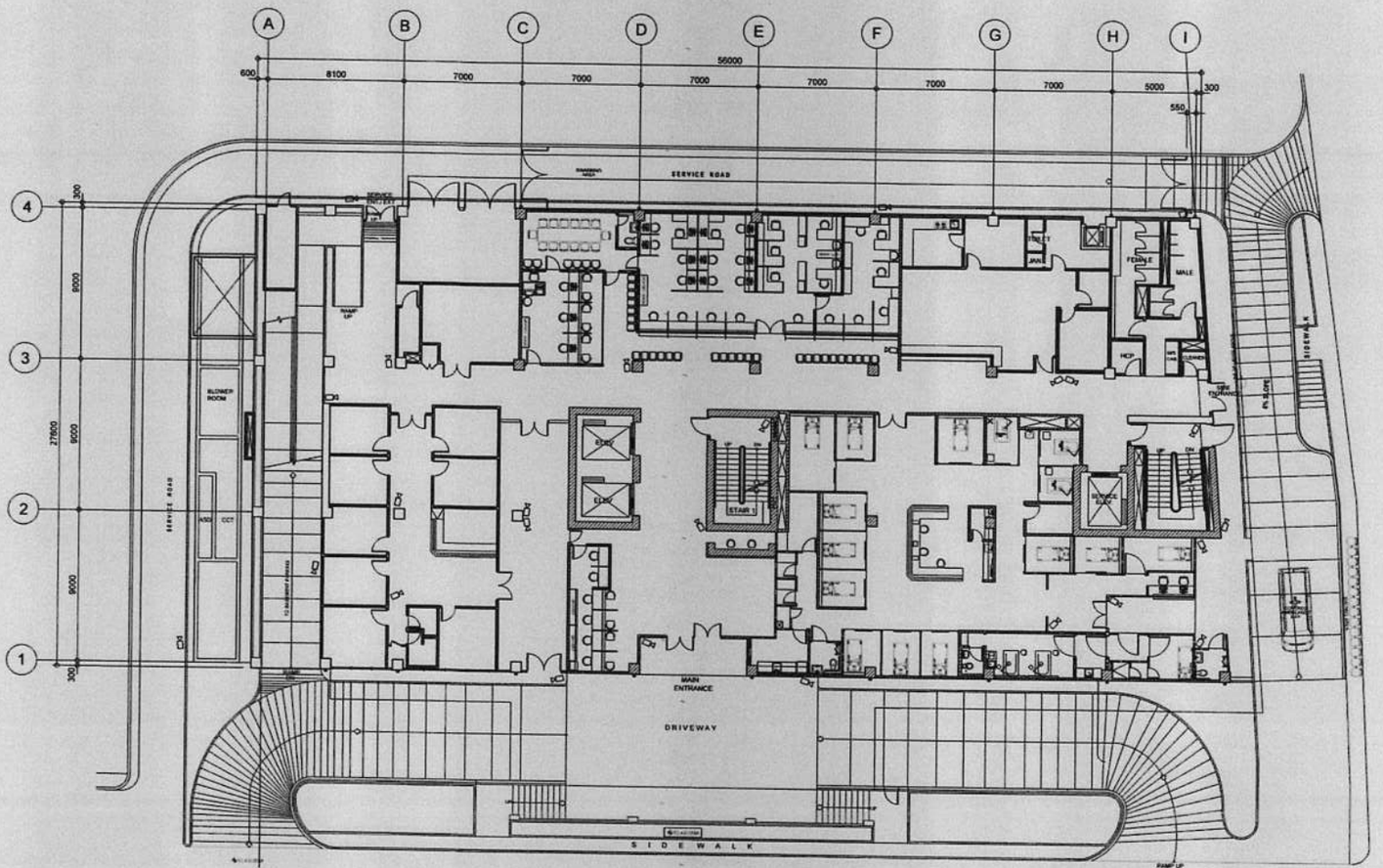
CONFORME & ACCEPTED BY :

CONTRACTOR



00 / A 00 GROUND CCTV SYSTEM LAYOUT

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON, ENGINEER ENGR. CARLA L. BELLIN, ENGINEER ENGR. EDUARDO G. BARRUGA JR., ENGINEER ENGR. JOHN JOSHUA T. CORTES, ENGINEER	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 67 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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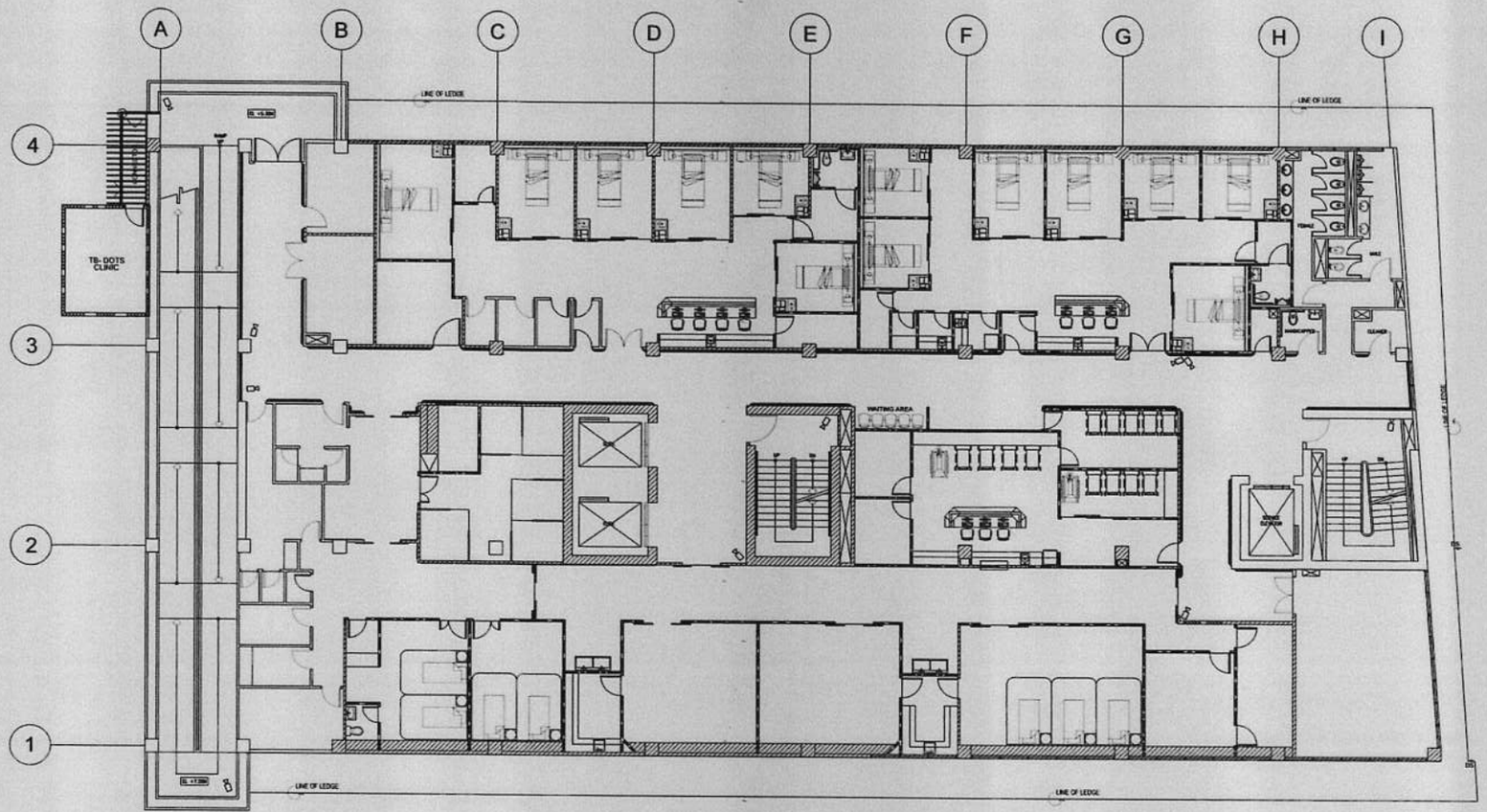
CONFORME & ACCEPTED BY :

CONTRACTOR



00 A 00 SECOND FLOOR CCTV SYSTEM LAYOUT

SCALE 1 : 100 MM.

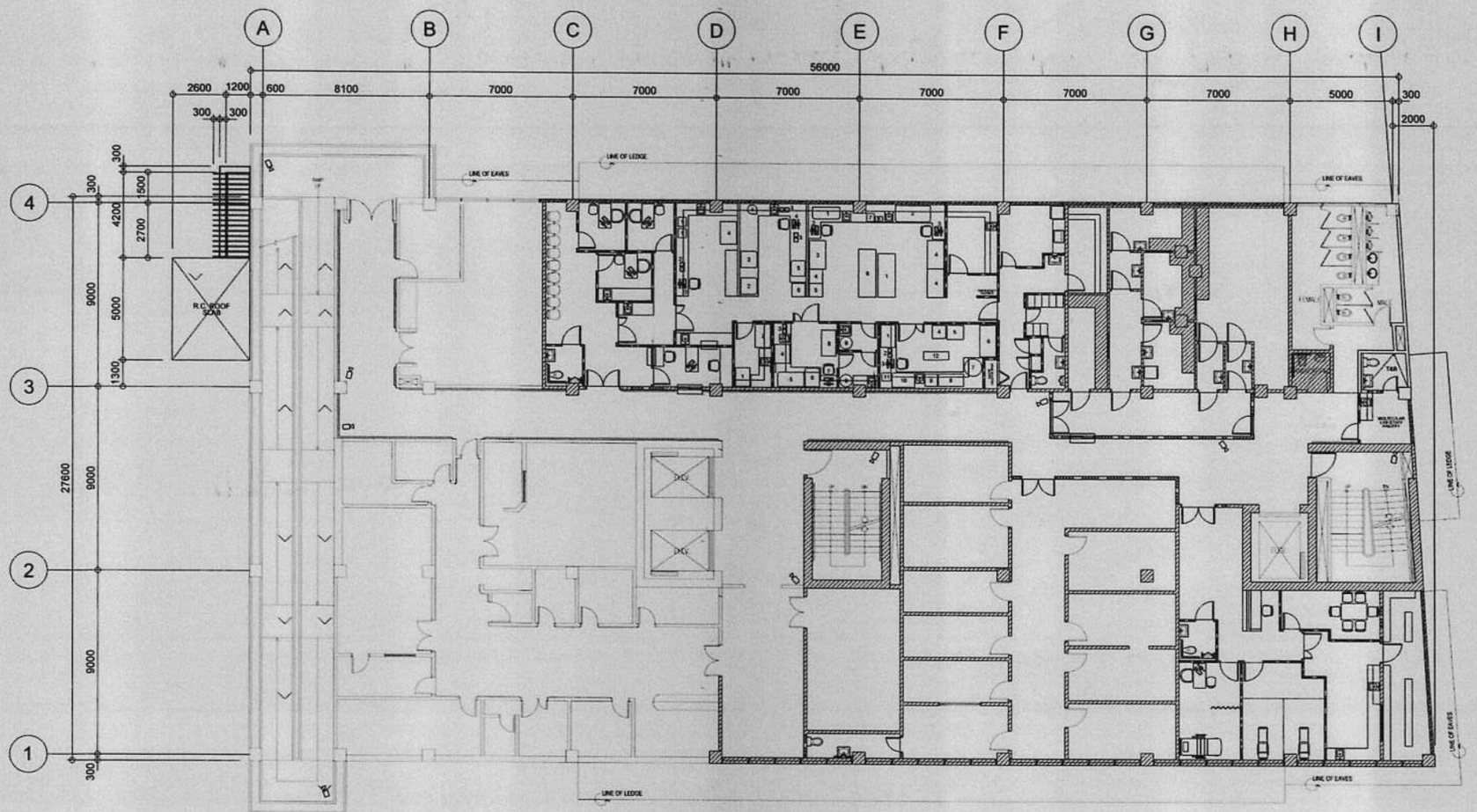
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE S. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 68 73

IMPORTANT NOTES

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT

CONFORME & ACCEPTED BY :

CONTRACTOR



00 / A / 00 THIRD FLOOR CCTV SYSTEM LAYOUT

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRIGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE S. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 69/73

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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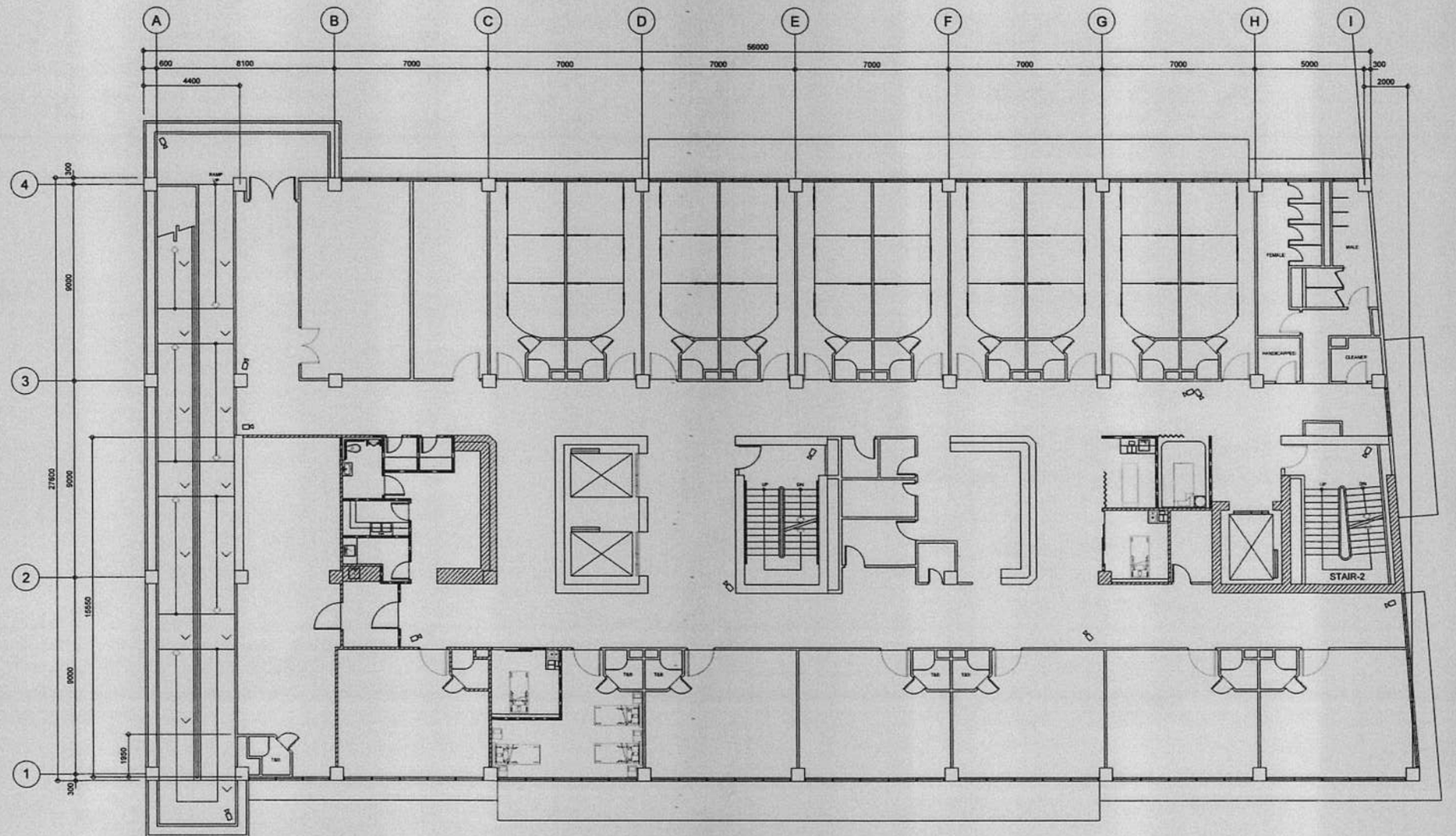
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



FOURTH FLOOR CCTV SYSTEM LAYOUT

00 / A 00 SCALE 1 : 100 MM.

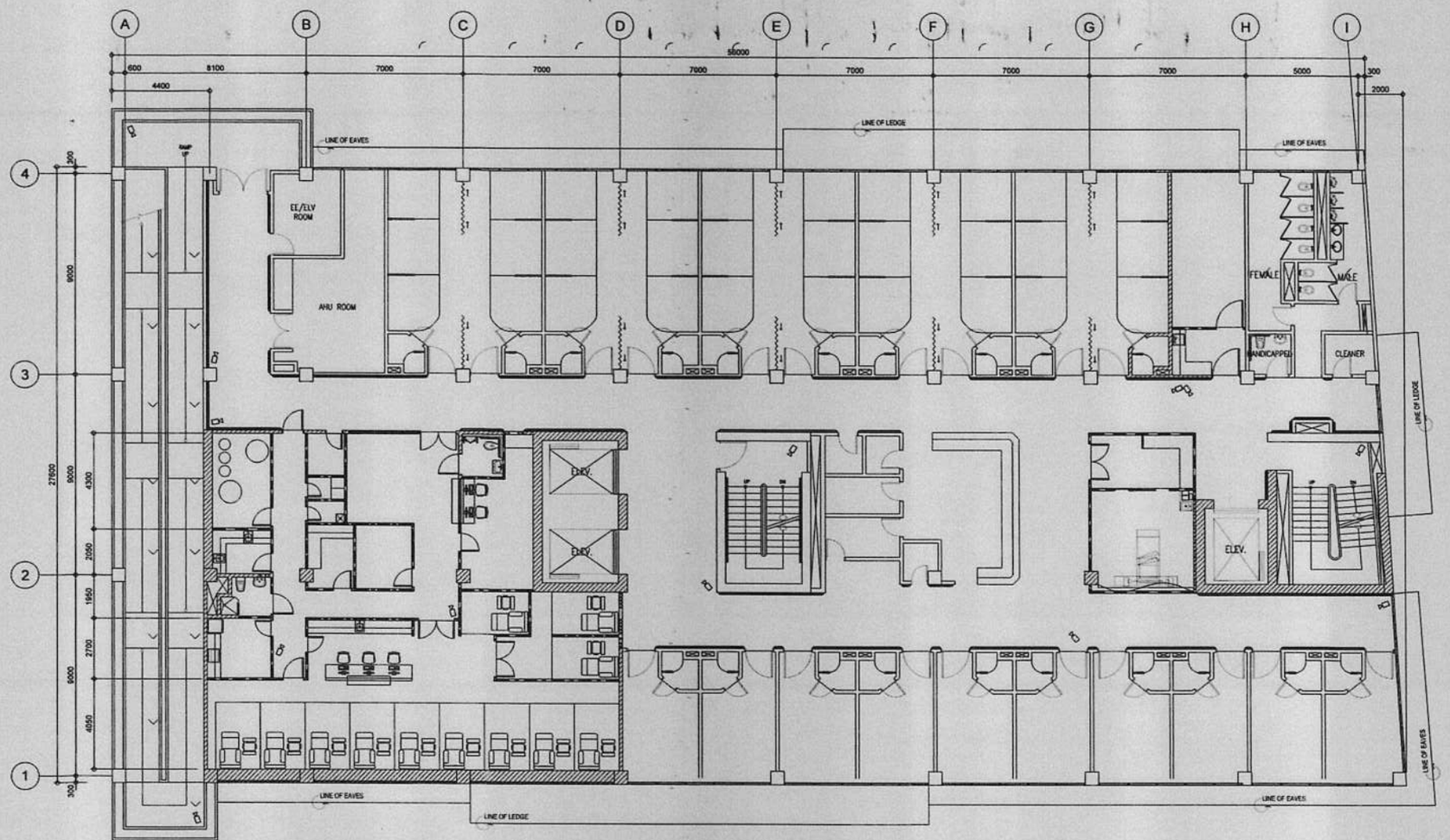
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE: ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I) ENGR. CARLA L. BELLIN (ENGINEER I) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I) ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO (HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION) ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 70 73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



FIFTH FLOOR CCTV SYSTEM LAYOUT

00 / A / 00

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON (ENGINEER I) ENGR. CARLA L. BELLIN (ENGINEER I) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER I) ENGR. JOHN JOSHUA T. CORTES (ENGINEER I)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM LAYOUT DETAILS	SHEET NO.: AUX 7173

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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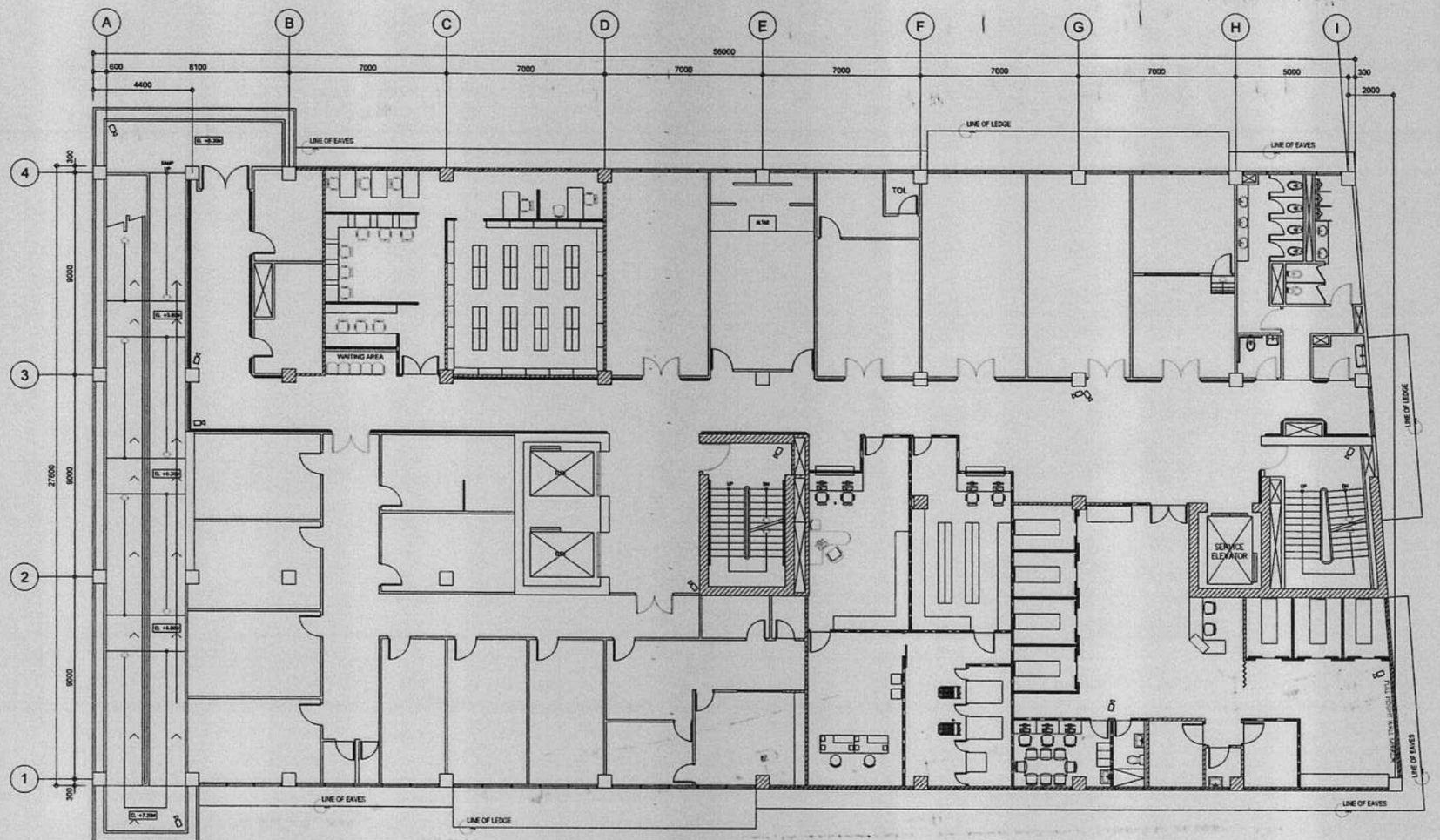
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



SIXTH FLOOR CCTV SYSTEM LAYOUT

00 / A / 00 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON ENGR. CARLA L. BELLIN ENGR. EDUARDO G. BARRUGA JR. ENGR. JOHN JOSHUA T. CORTES	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 72|73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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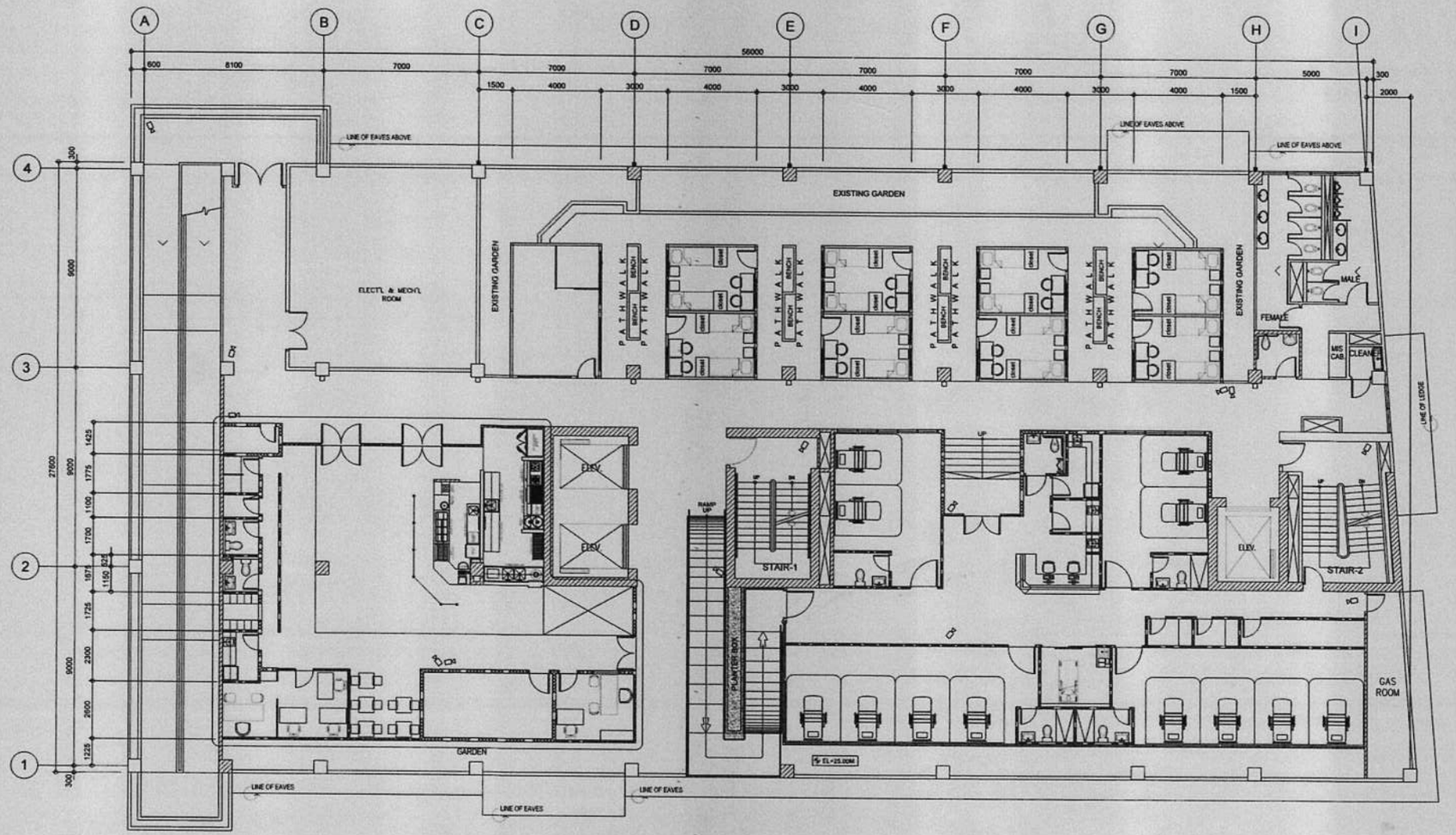
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



ROOF DECK CCTV SYSTEM LAYOUT

00 / A / 00 SCALE 1 : 100 MM

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR CITY ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PROJECT IN CHARGE : ENGR. CHRISTIAN BENEDICT C. SOLOMON (Engineer) ENGR. CARLA L. BELLIN (Engineer) ENGR. EDUARDO G. BARRUGA JR. (ENGINEER) ENGR. JOHN JOSHUA T. CORTES (Engineer)	PROGRAMMING AND CONSTRUCTION: ENGR. JORGE L. TIZON OIC, ELECTRICAL INFRASTRUCTURE SECTION	RECOMMENDING APPROVAL: ENGR. LAWRENCE B. PRUDENCIO HEAD, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO OIC, CITY ENGINEERING OFFICE	APPROVED BY: VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENT: CLOSED CIRCUIT TELEVISION (CCTV) LAYOUT	SHEET NO.: AUX 73/73

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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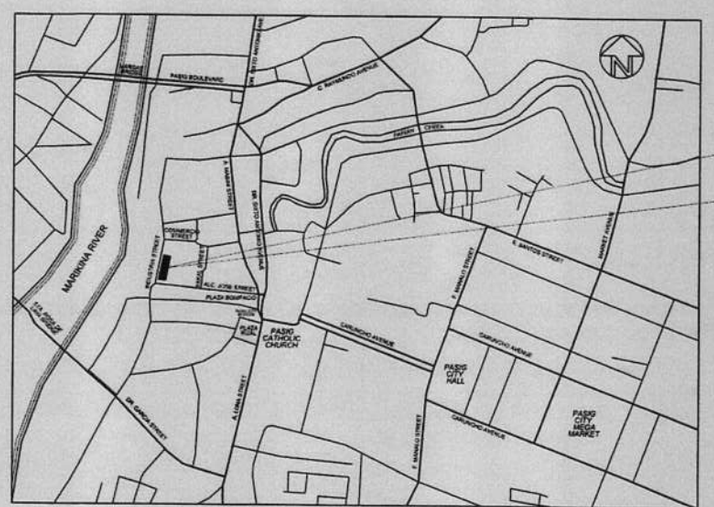
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



VICINITY MAP

THE SITE

01 / A02 SITE DEVELOPMENT PLAN

SCALE 1 : 2000 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT V. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, TECHNICAL PROJECTS

ENGR. JOAN ROGELIO I. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS : SITE DEVELOPMENT PLAN

CADD: AAMARTIN

SHEET NO. : P 01

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR IS DETRIMENTAL TO THE STRUCTURAL DESIGN DRAWINGS, AND THE RECOMMENDATION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWINGS, THE MATTER SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
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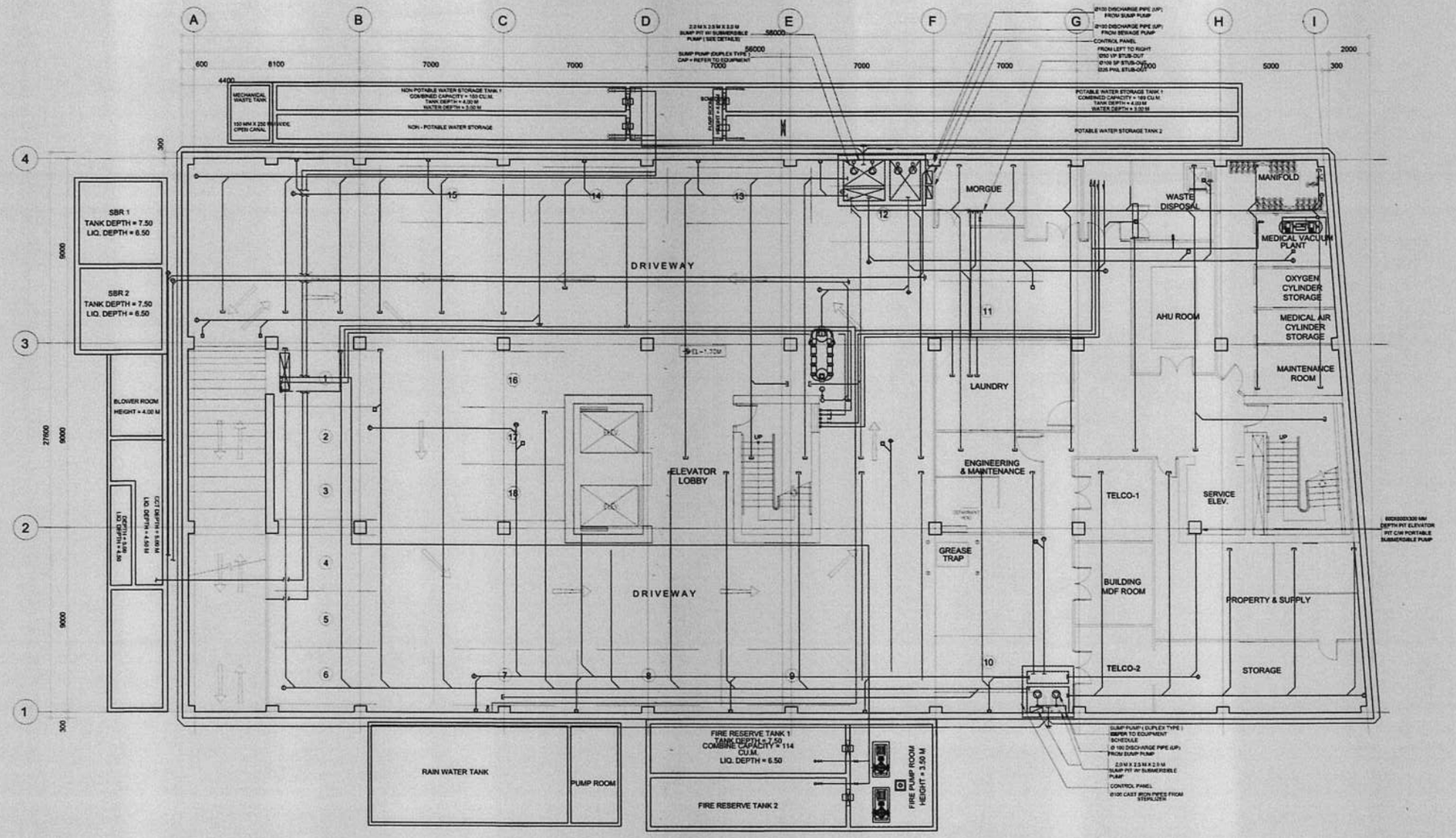
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.



EXISTING BASEMENT FLOOR PLAN

01 / P/02 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT C. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, CONSTRUCTION PROJECTS ENGR. [illegible] PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING BASEMENT FLOOR PLAN CADD: AAMARTIN	SHEET NO. : P 02

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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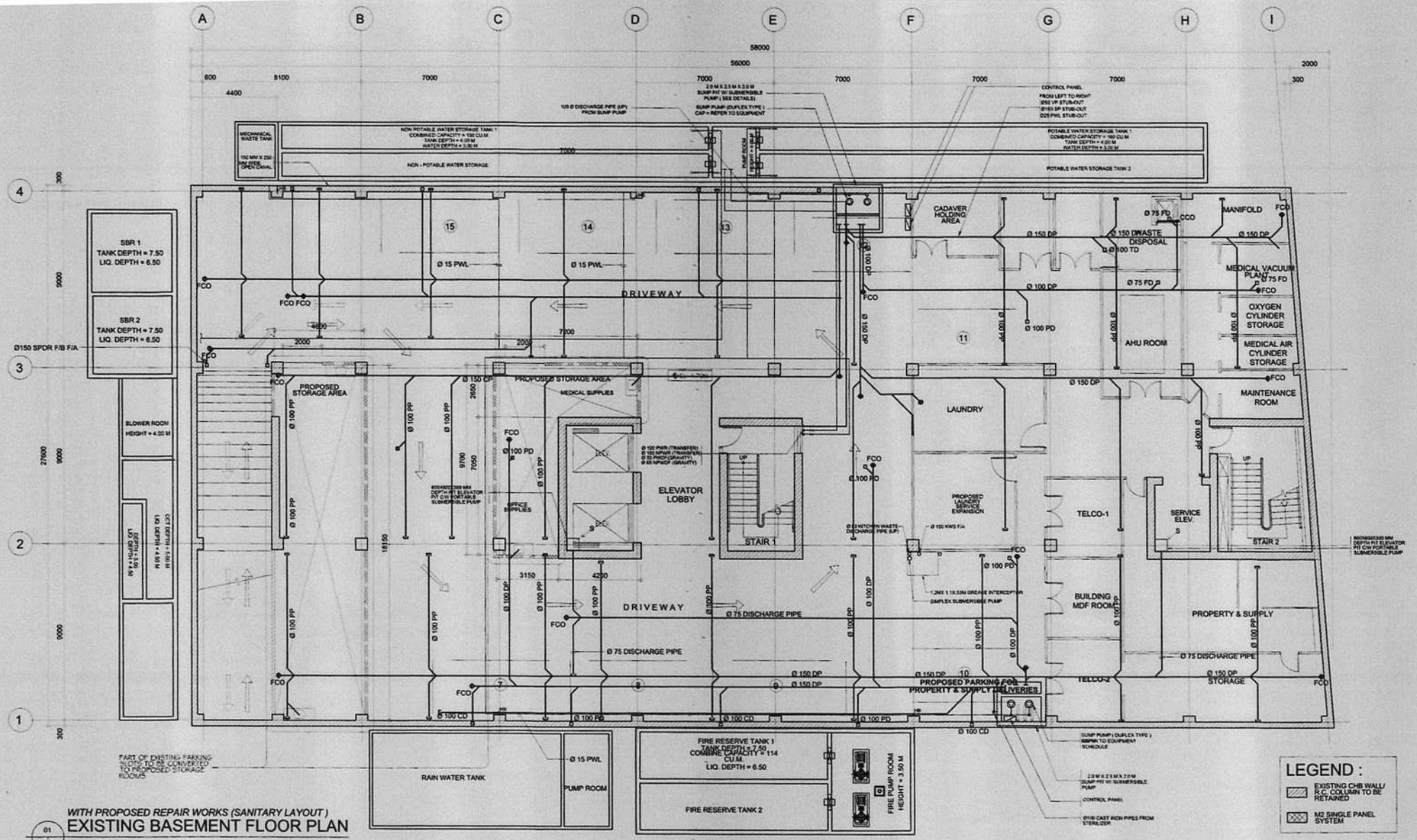
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

EXISTING BASEMENT FLOOR PLAN

01 / P03 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE: VINCENT T. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, VERTICAL PROJECTS PROJECT IN CHARGE ENGR. JUAN [illegible] PEREZ	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING BASEMENT FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT) CADD: AAMARTIN	SHEET NO. : P 03

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWINGS, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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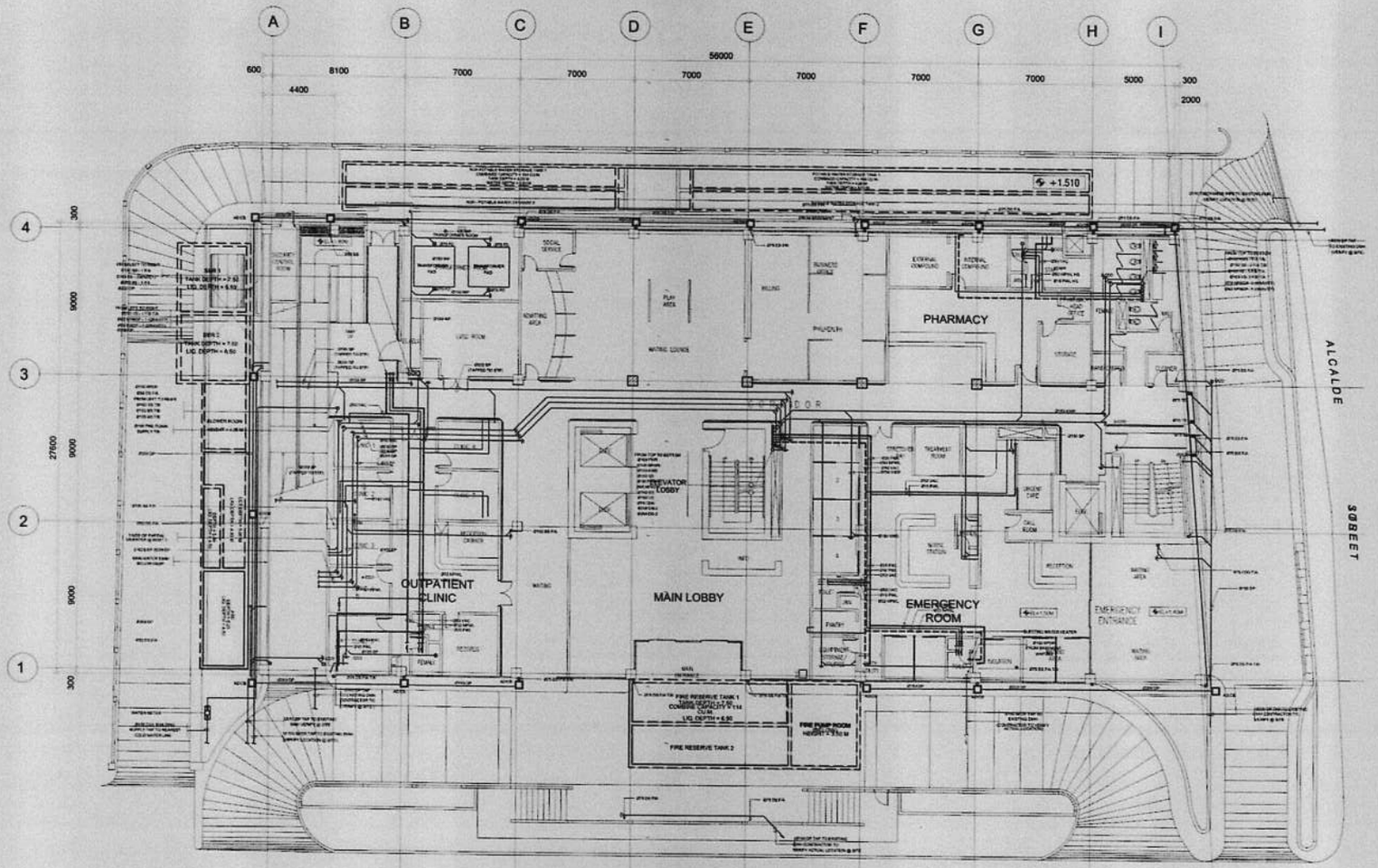
CONFORME & ACCEPTED BY :

CONTRACTOR



EXISTING GROUND FLOOR PLAN (SANITARY LAYOUT)

SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT T. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RANESES
CHIEF, VERTICAL PROJECTS

ENGR. JUAN NICOLO I. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING GROUND FLOOR PLAN (SANITARY LAYOUT)

CADD: AAMARTIN

SHEET NO. :

P
04

CONFORME & ACCEPTED BY :

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE PLANNING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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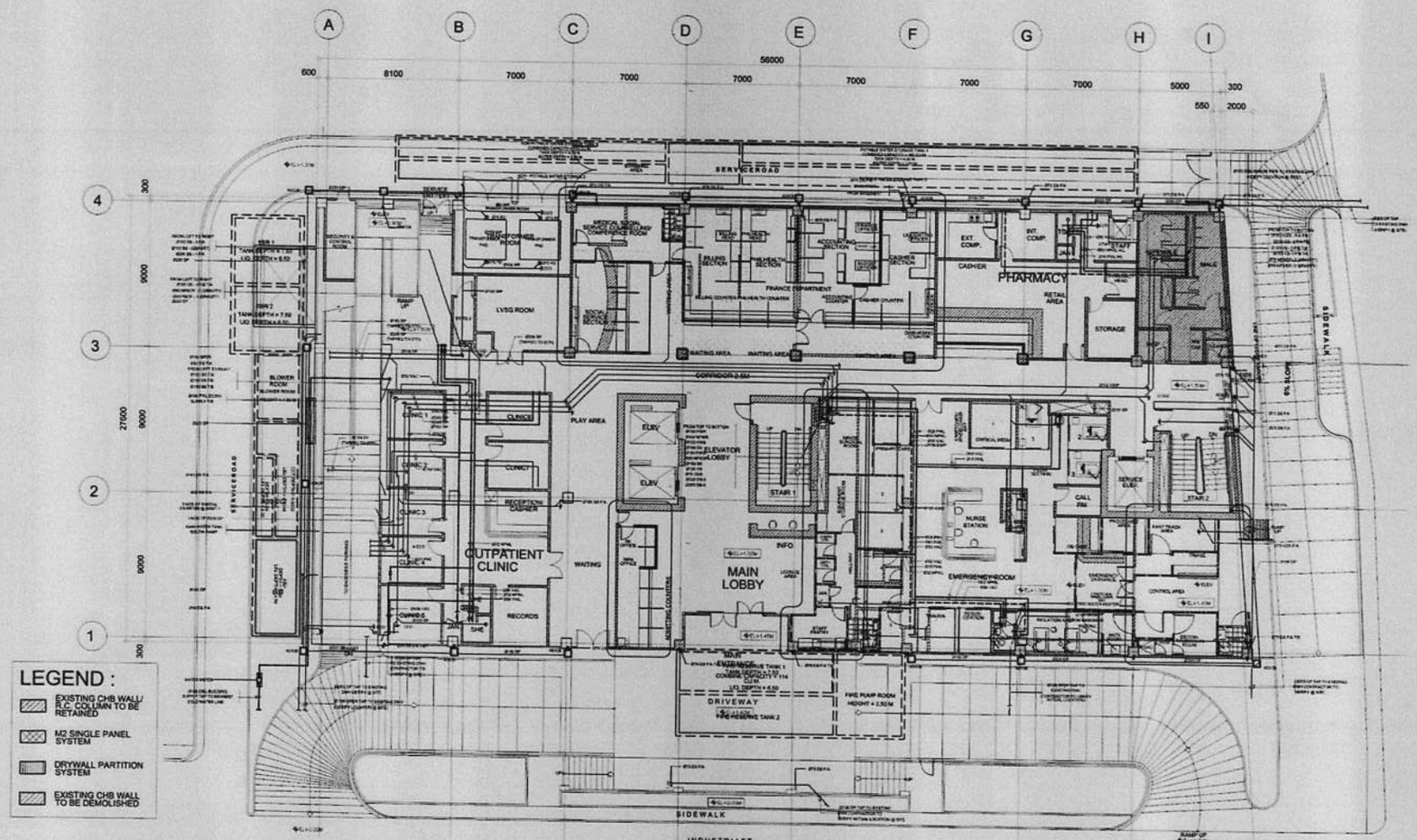
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.



LEGEND :

- EXISTING CHB WALL/ R.C. COLUMN TO BE RETAINED
- M2 SINGLE PANEL SYSTEM
- DRYWALL PARTITION SYSTEM
- EXISTING CHB WALL TO BE DEMOLISHED

WITH PROPOSED REPAIR WORKS(SANITARY LAYOUT)

01 / P 05 EXISTING GROUND FLOOR PLAN

SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE
VINCENT A. VILLAMOR RMP
PROJECT IN CHARGE
ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. JUAN FLORENCIO I. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING GROUND FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

CADD: AAMARTIN

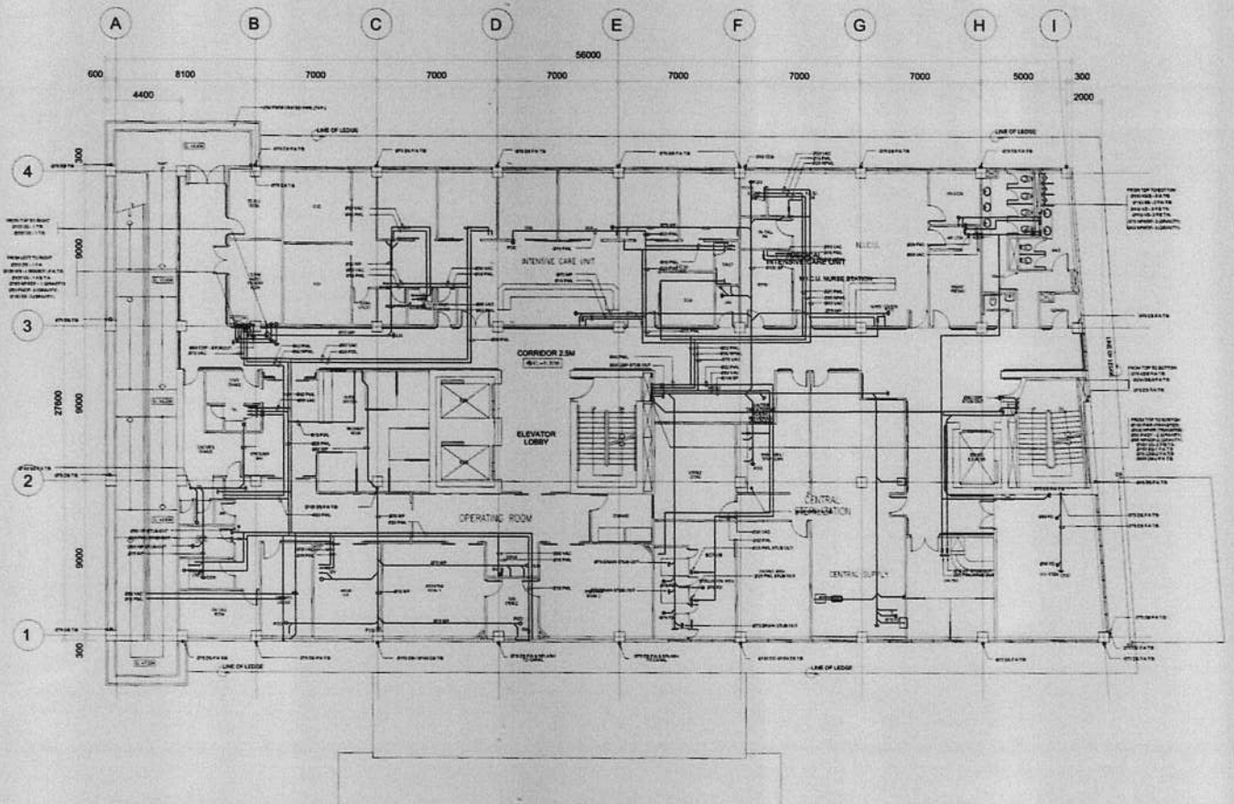
SHEET NO. : P 05

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.



EXISTING SECOND FLOOR PLAN

SCALE 1 : 150 MM

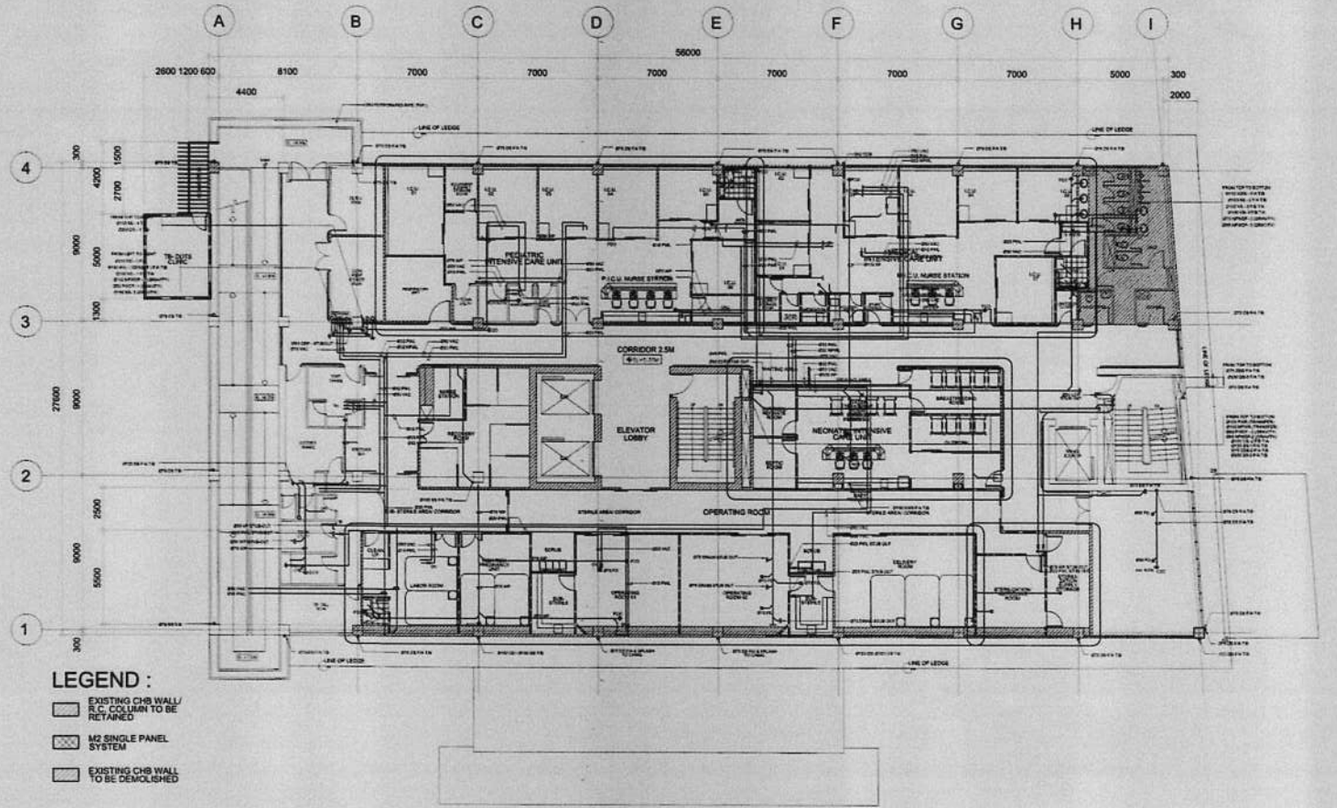
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES ENGR. [illegible] PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAURENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING SECOND FLOOR PLAN CADD: AAMARTIN	SHEET NO. : P 06

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

EXISTING SECOND FLOOR PLAN

01 / P07 SCALE 1 : 150 MM

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT V. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISIDRO V. RANESES
CHIEF, TECHNICAL PROJECTS

ENGR. JUANITO [illegible] PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. [illegible] S. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C. ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING SECOND FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

CADD: AAMARTIN

SHEET NO. :

P 07

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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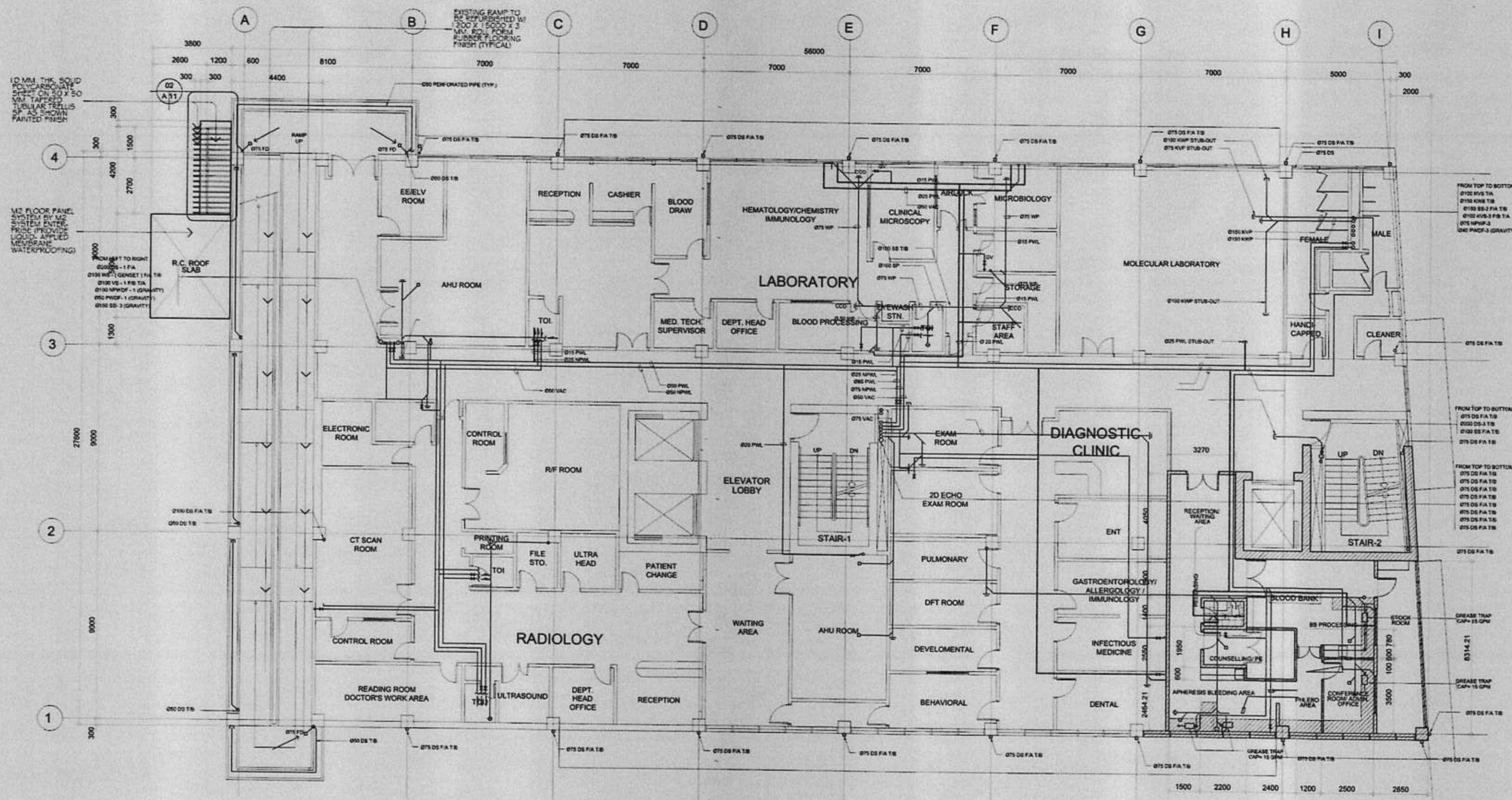
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



EXISTING THIRD FLOOR PLAN

01 / P08 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, SPECIAL PROJECTS ENGR. JUAN ROGELIO I. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION	ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING THIRD FLOOR PLAN CADD: AAMARTIN

SHEET NO. : P 08

CONFORME & ACCEPTED BY :

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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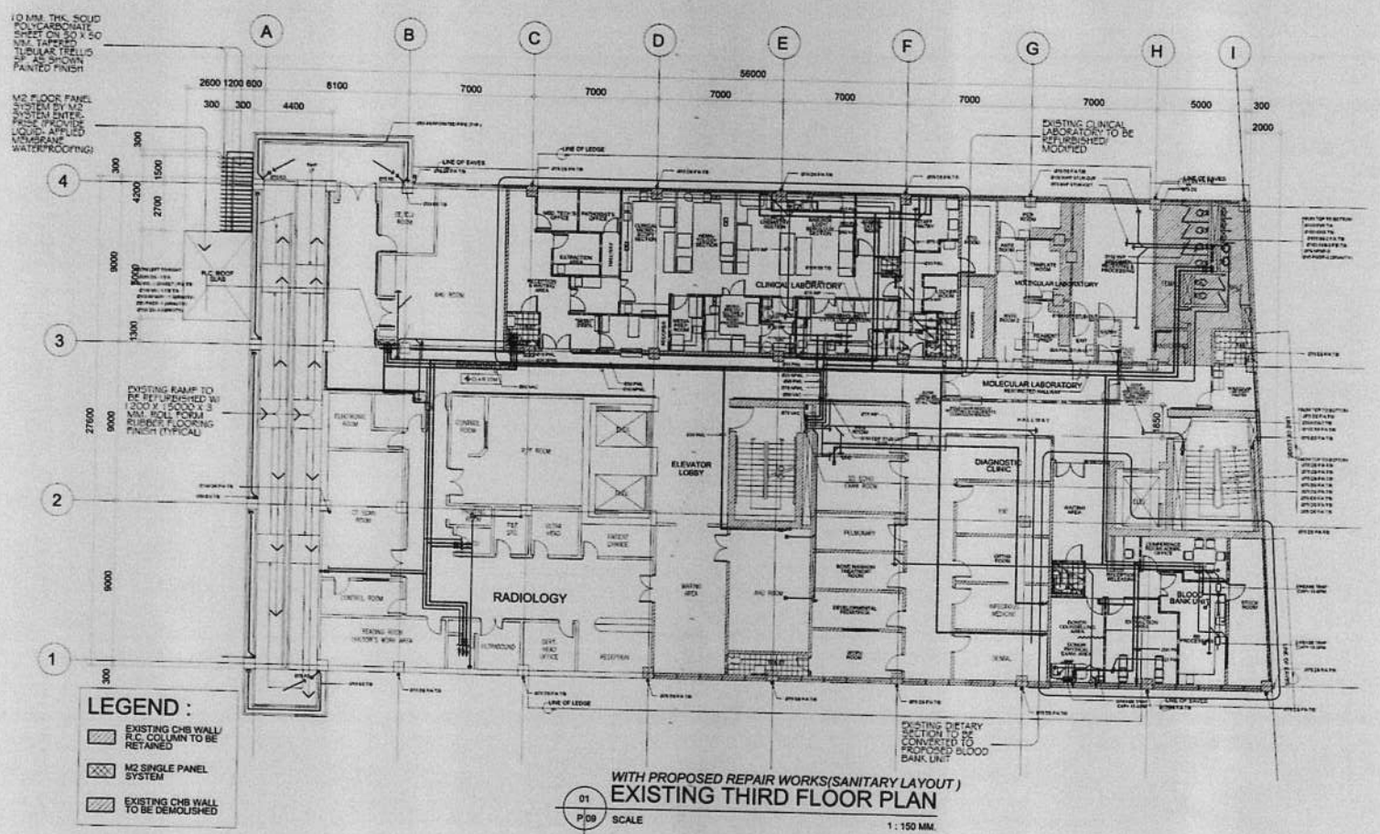
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.



WITH PROPOSED REPAIR WORKS(SANITARY LAYOUT)

EXISTING THIRD FLOOR PLAN

01 / P/09 SCALE 1 : 150 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT C. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. [illegible] V. RAÑESES
DEPT. CHIEF, CAPITAL PROJECTS

ENGR. JUAN ROMEO T. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
D.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING THIRD FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

SHEET NO. :

P / 09

CADD: AAMARTIN

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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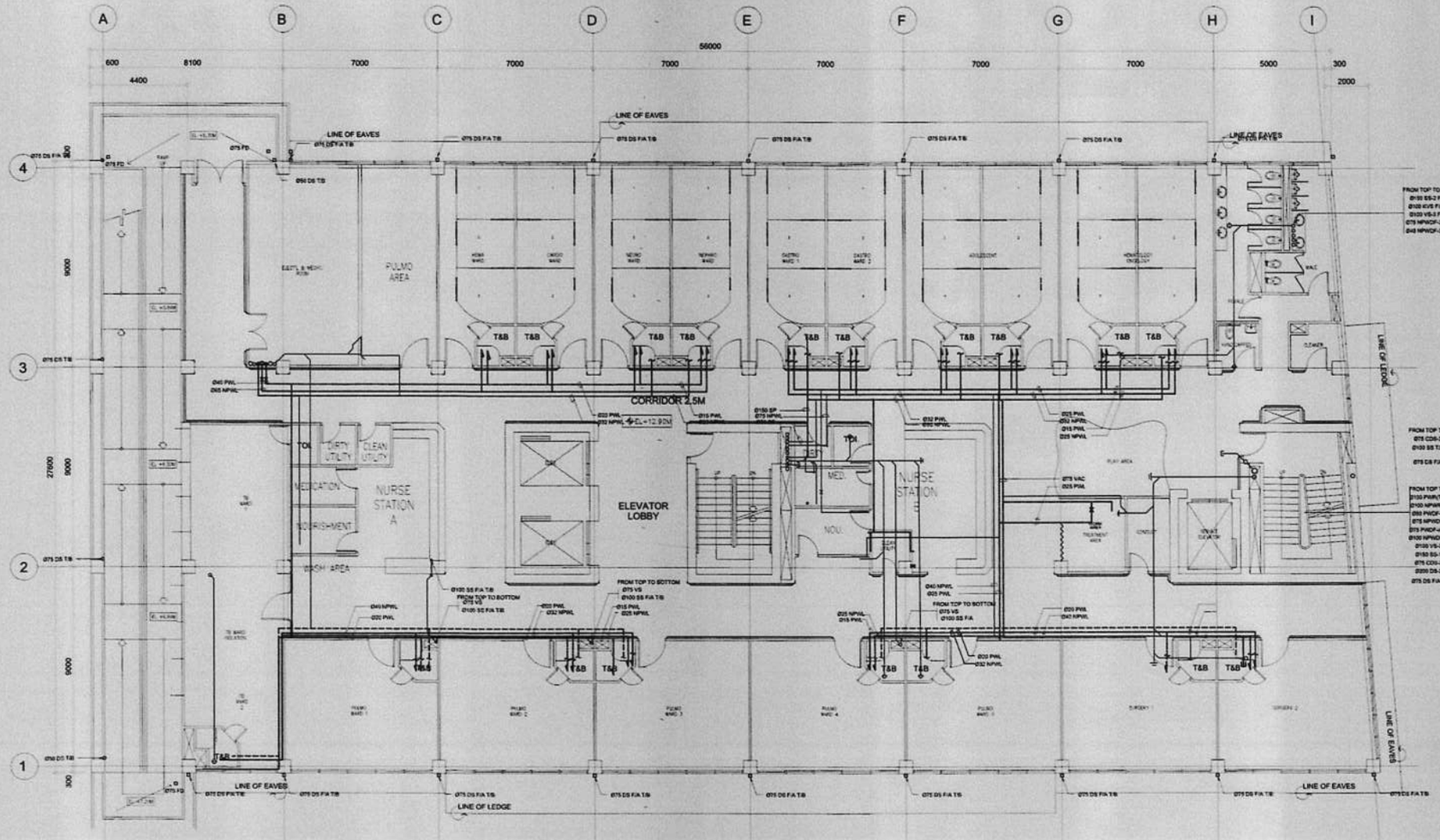
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT



EXISTING FOURTH FLOOR PLAN

01 / P10

SCALE 1 : 100 MM.

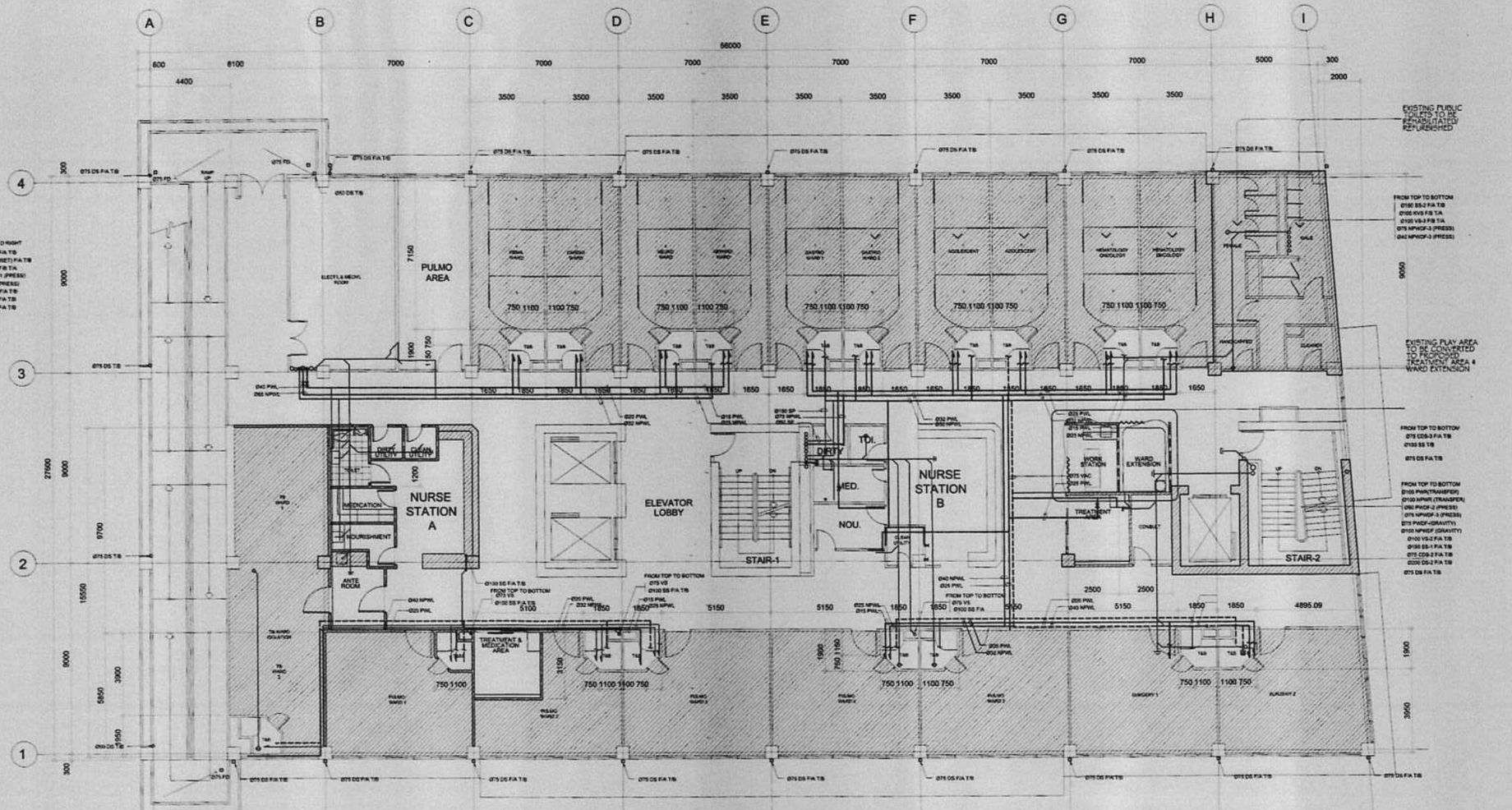
	REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, CAPITAL PROJECTS ENGR. JUAN ROBERTO A. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. FLORENCE S. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING FOURTH FLOOR PLAN CADD: AAMARTIN	SHEET NO. : P 10

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN, CONSULTATION WITH THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWINGS, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

EXISTING FOURTH FLOOR PLAN

01 / P11 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL N. RAÑESES CHIEF, CLINICAL SERVICES ENGR. JUAN PABLO JOSE T. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING FOURTH FLOOR PLAN *WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)* CADD: AAMARTIN	SHEET NO. : P 11

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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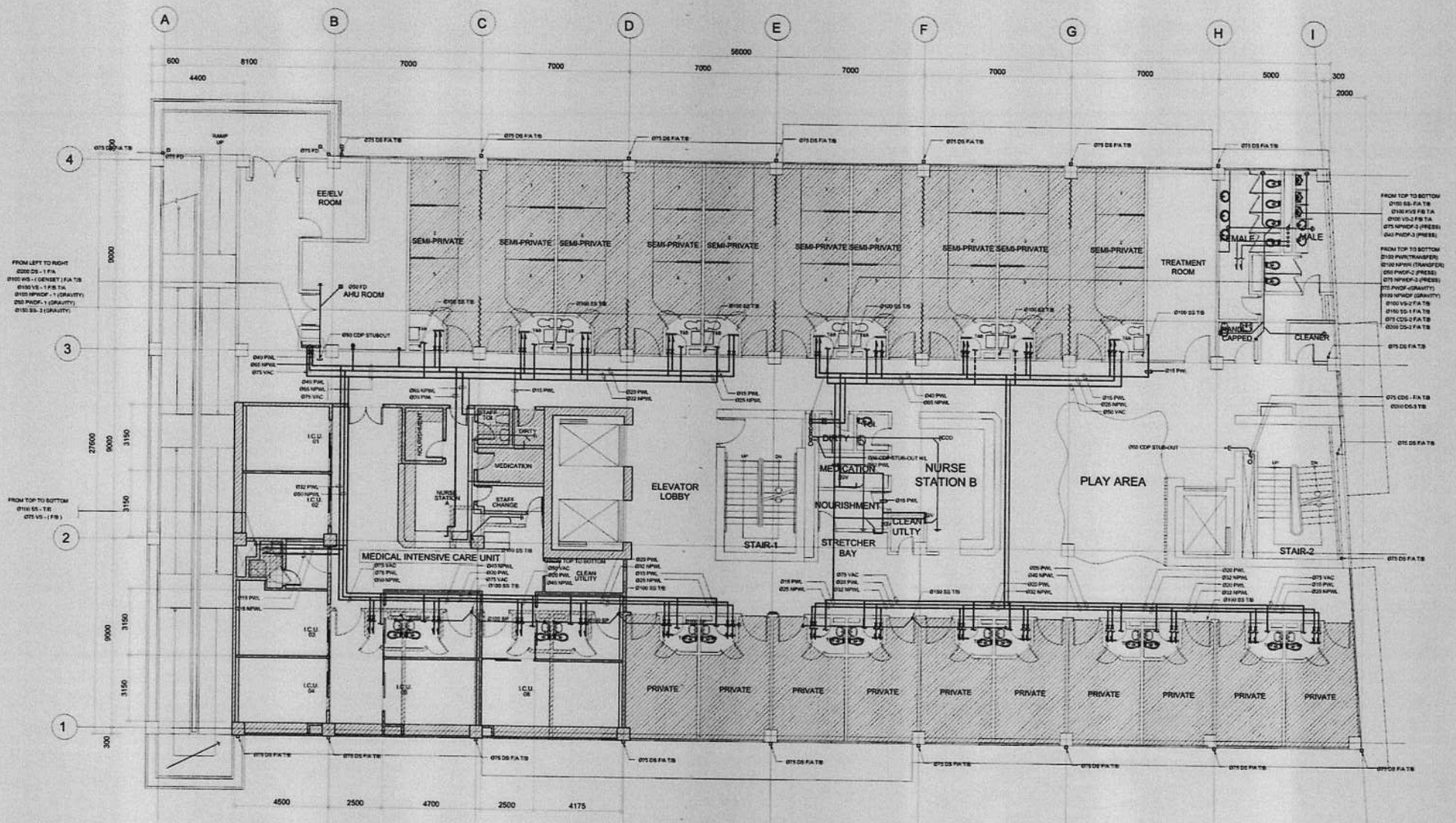
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS(SANITARY LAYOUT)

EXISTING FIFTH FLOOR PLAN

01 / P12

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT V. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RARESES
CHIEF ENGINEER - ALL PROJECTS

ENGR. JUAN [illegible] PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRODENCIO
END - PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING FIFTH FLOOR PLAN
WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

CADD: AAMARTIN

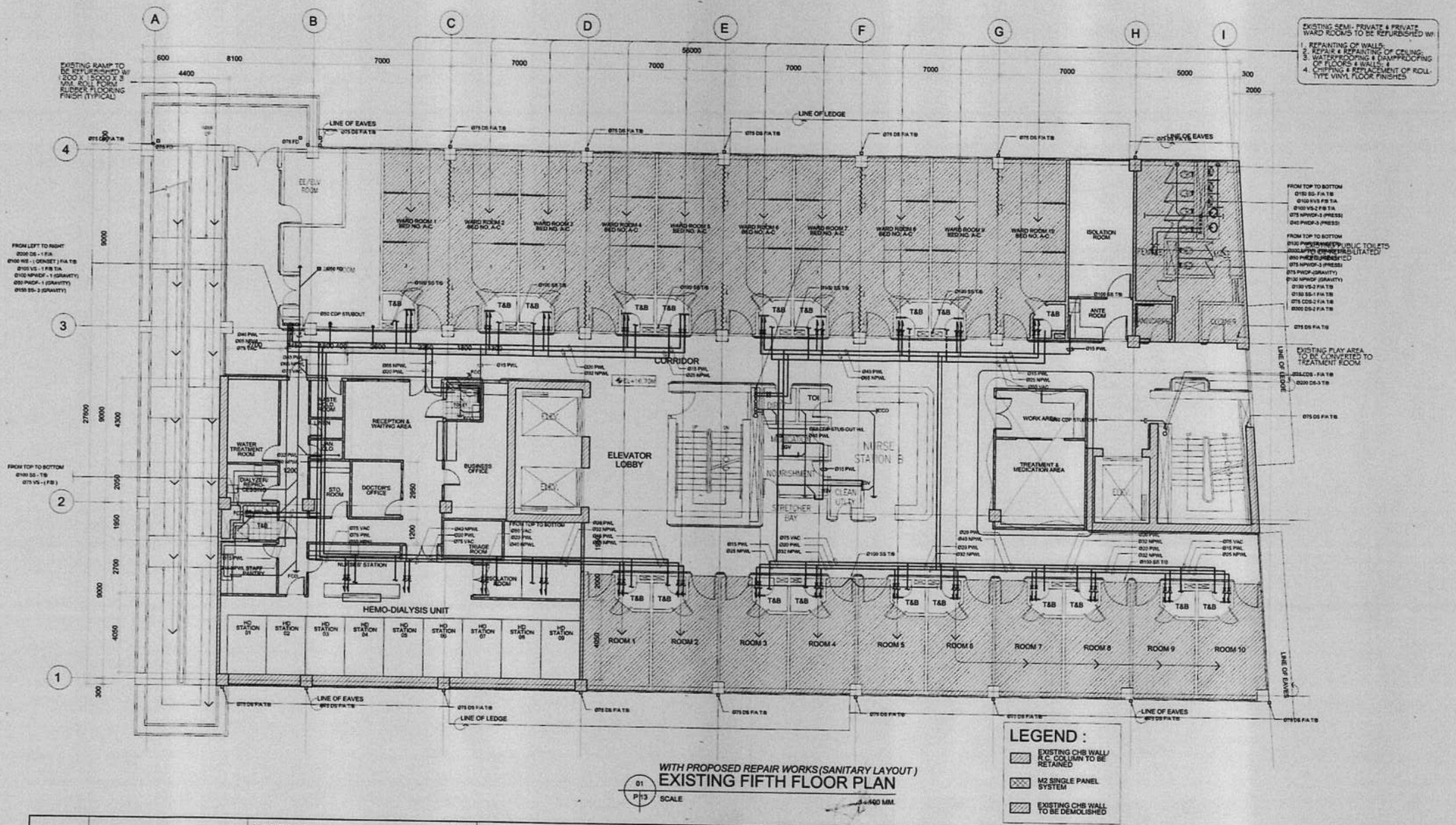
SHEET NO. : P 12

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STANDARD DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE (INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

EXISTING FIFTH FLOOR PLAN

01 P13 SCALE 1:400 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING OFFICE

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:
PROJECT IN CHARGE
VINCENT A. VILLAMOR RMP
ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :
ENGR. [illegible] RANESES
CHIEF, CONSTRUCTION PROJECTS
ENGR. JUAN ROGELIO I. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :
ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :
EXISTING FIFTH FLOOR PLAN WITH PROPOSED REPAIR WORKS

SHEET NO. : P 13

CADD: AAMARTIN

CONFORME & ACCEPTED BY :
CONTRACTOR

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN SHOWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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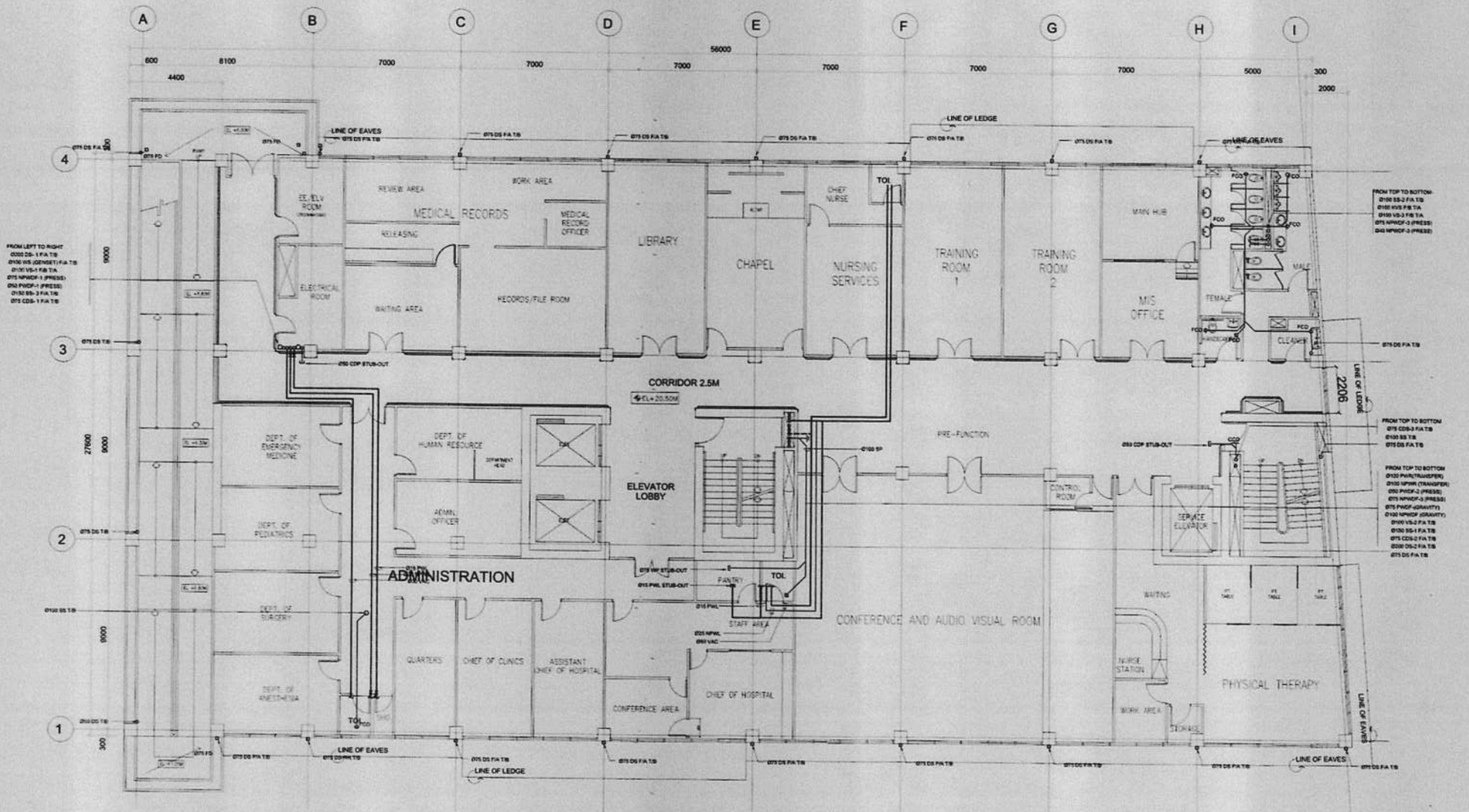
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE CRUSITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.



WITH PROPOSED REPAIR WORKS(SANITARY LAYOUT)

EXISTING SIXTH FLOOR PLAN

01 / P14 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, TECHNICAL PROJECTS ENGR. JUAN ROSELLO L. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS EXISTING SIXTH FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT) CADD: AAMARTIN	SHEET NO. : P 14

IMPORTANT NOTES:

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE, THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE CONSTRUCTION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWINGS, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
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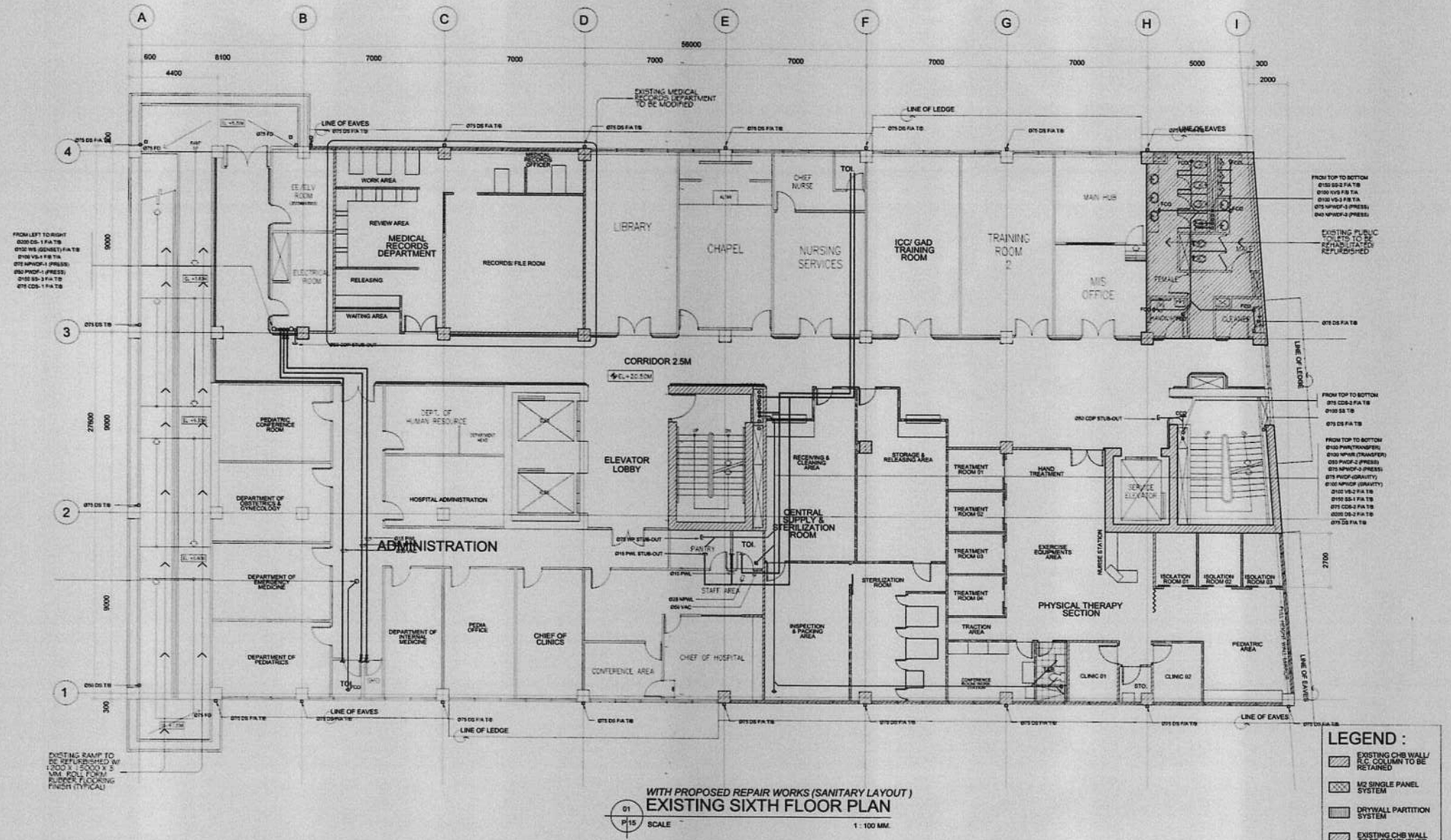
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

01 / P15 EXISTING SIXTH FLOOR PLAN

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, TECHNICAL PROJECTS ENGR. JUAN BOSCO G. L. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, ELECTRONIC PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING SIXTH FLOOR PLAN WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT) CADD: AAMARTIN	SHEET NO. : P 15

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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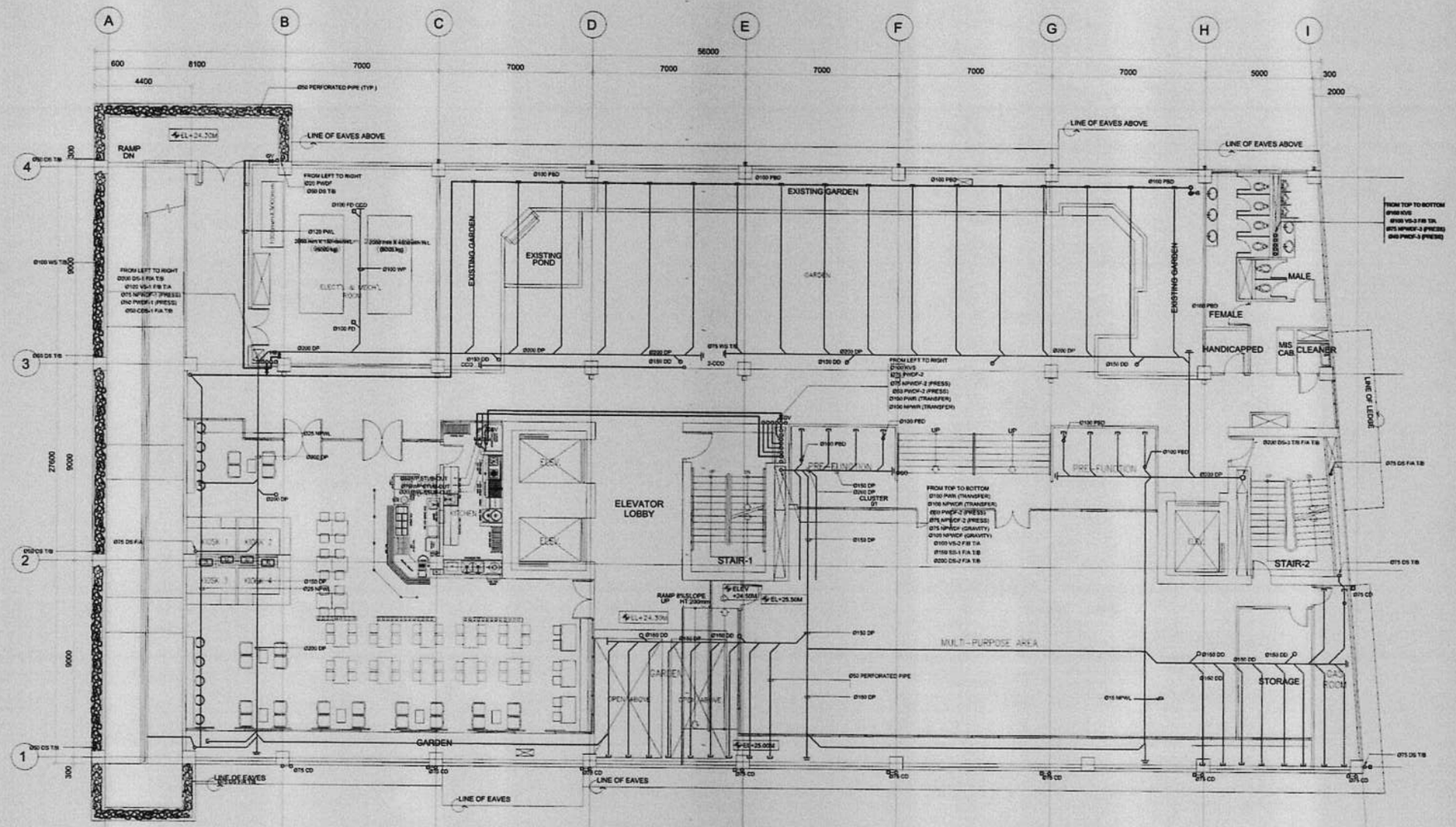
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



01
P 16

EXISTING LOWER ROOF DECK FLOOR PLAN

SCALE 1 : 100 MM.

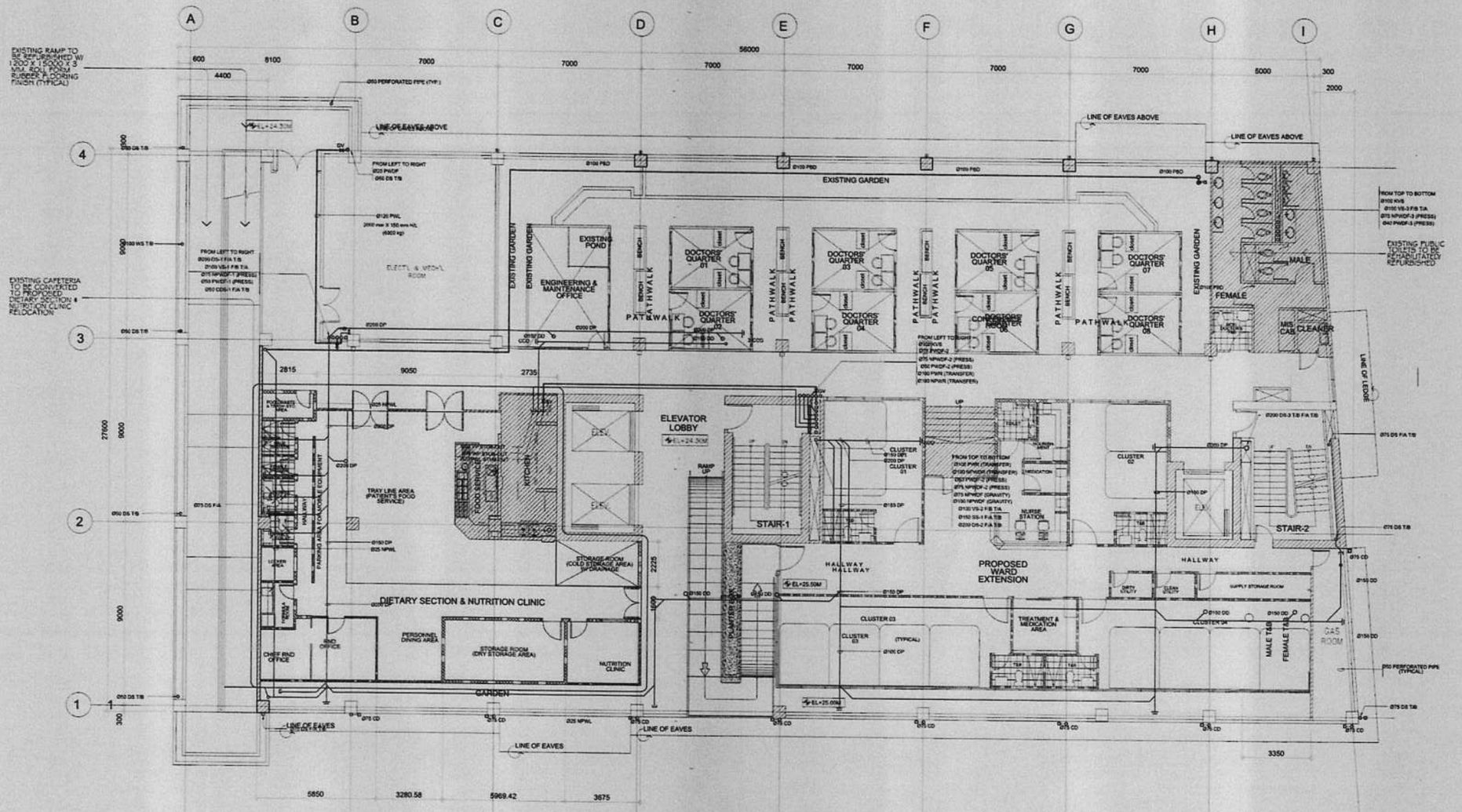
REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT V. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL V. RAÑESES CHIEF, LESTDD, PMO-PCCP ENGR. JUAN PONCE C. PEREZ PROJECT IN CHARGE	RECOMMENDING APPROVAL : ENGR. FLORENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : EXISTING LOWER ROOF DECK FLOOR PLAN CADD: AAMARTIN	SHEET NO. : P 16

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONTRADICTS TO THE STRUCTURAL DESIGN DRAWN IN PLANS, THE FINAL DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR



WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)

EXISTING LOWER ROOF DECK FLOOR PLAN

01 / P 17 SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE
VINCENT V. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. ISRAEL V. RAÑESES
CHIEF ARCHITECT / PROJECTS

ENGR. JUAN ROGELIO I. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING LOWER ROOF DECK FLOOR PLAN *WITH PROPOSED REPAIR WORKS (SANITARY LAYOUT)*

SHEET NO. : P 17

CADD: AAMARTIN

CONFORME & ACCEPTED BY :

CONTRACTOR

IMPORTANT NOTES :

1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR CONFLICTS WITH THE STRUCTURAL DESIGN, DRAWINGS OR SPECIFICATIONS, DECISION OF THE STRUCTURAL ENGINEER SHALL BE IMPLEMENTED.
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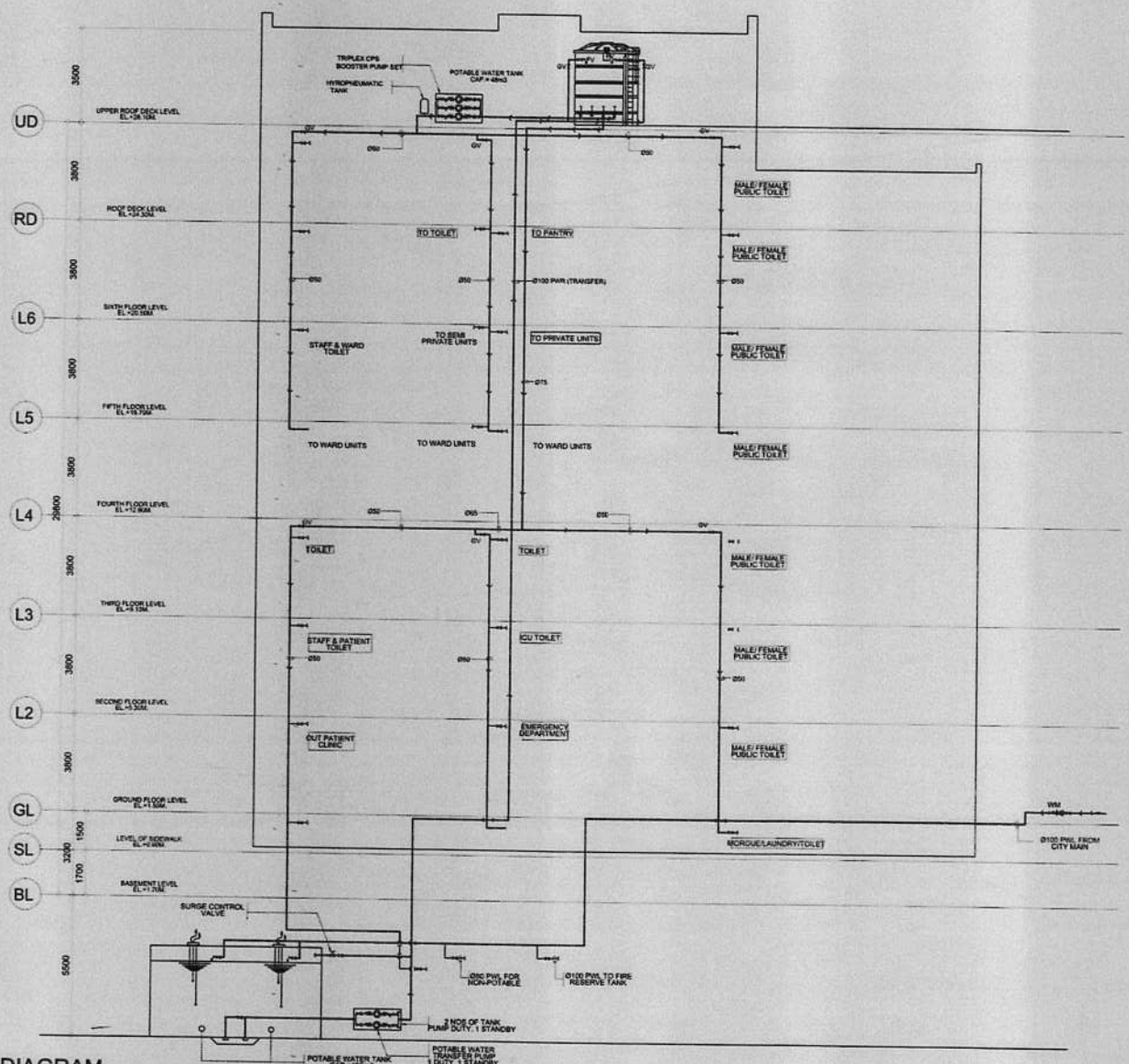

EXISTING
POTABLE WATER SUPPLY SYSTEM SCHEMATIC DIAGRAM

01 / P 18

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG
OFFICE OF THE MAYOR
ENGINEERING OFFICE

PROJECT TITLE :
PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:
PROJECT IN CHARGE
VINCENT O. VILLAMOR RMP
ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. RAÑESES
CHIEF, VERTICAL PROJECTS
ENGR. [illegible] PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :
ENGR. [illegible] B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :
EXISTING POTABLE WATER SUPPLY SYSTEM SCHEMATIC DIAGRAM
CADD: AAMARTIN

SHEET NO. :
P 18

CONFORME & ACCEPTED BY :
CONTRACTOR

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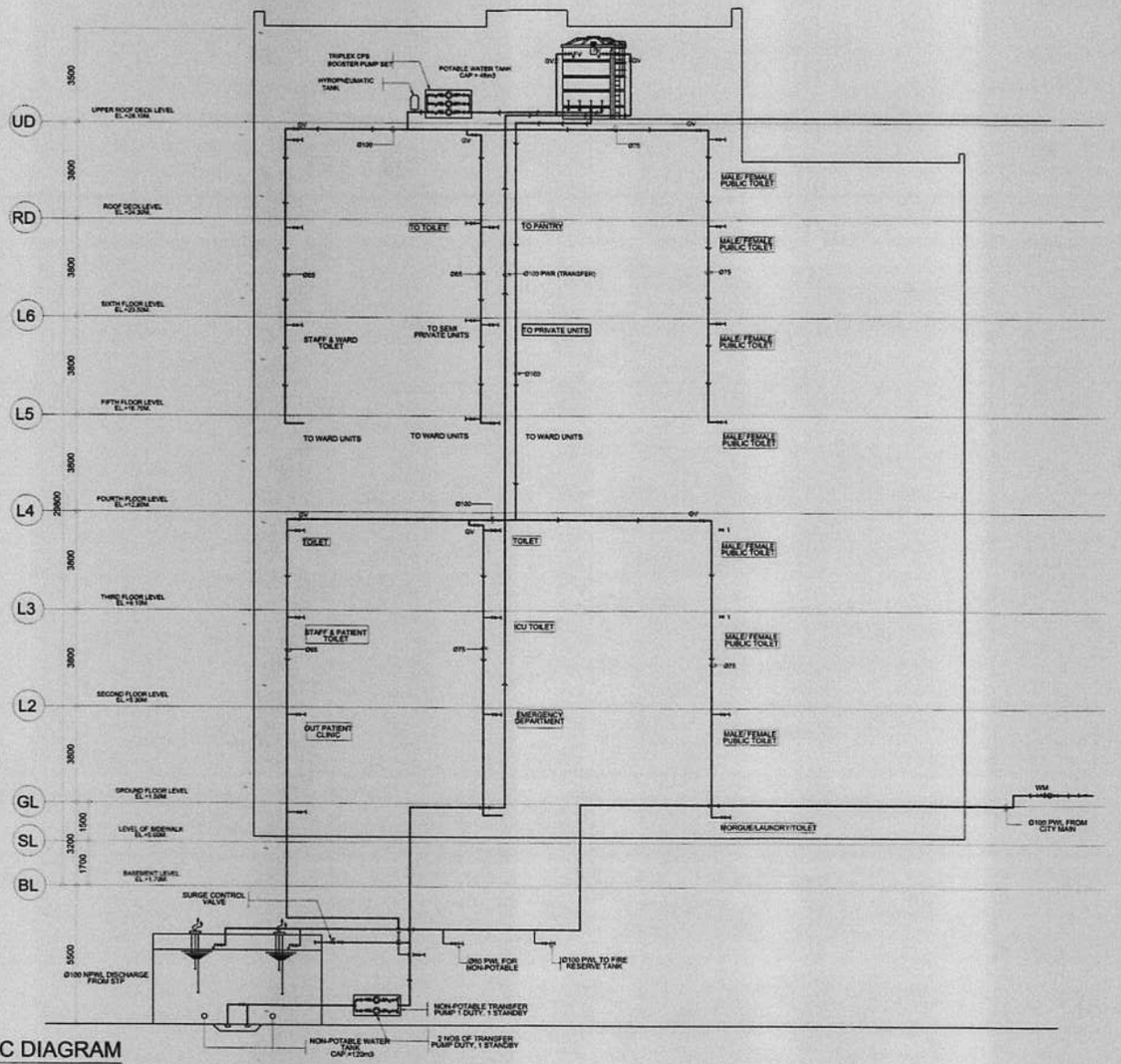

EXISTING
NON-POTABLE WATER SUPPLY SYSTEM SCHEMATIC DIAGRAM

01
P 19

SCALE 1 : 100 MM.

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:

PROJECT IN CHARGE

VINCENT V. VILLAMOR RMP

ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :

ENGR. NOEL V. RAÑESES
CHIEF, TECHNICAL PROJECTS

ENGR. JUAN ROGELIO V. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :

ENGR. LAURENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION

ENGR. ARTAXERXES V. GERONIMO
D.I.C., ENGINEERING OFFICE

APPROVED BY :

VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :

EXISTING NON-POTABLE WATER SUPPLY SYSTEM SCHEMATIC DIAGRAM

CADD: AAMARTIN

SHEET NO. :

P
19

CONFORME & ACCEPTED BY :

CONTRACTOR

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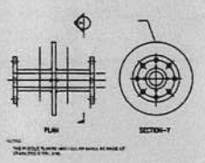
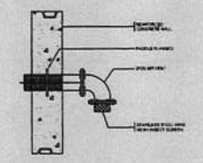
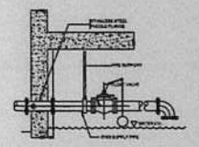


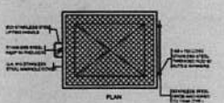
1 P-05 PUDDLE FLANGE DETAIL



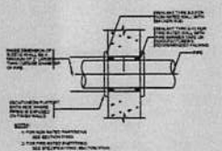
2 P-05 TANK AIR VENT DETAIL



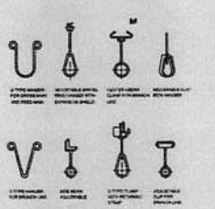
3 P-05 TANK FLOAT VALVE DETAIL



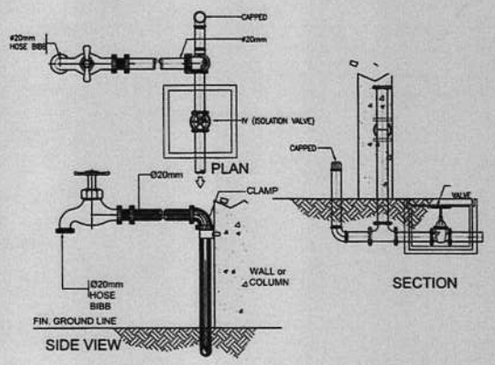
4 P-05 TANK MANHOLE DETAIL



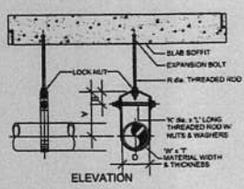
5 P-05 PIPE SLEEVE DETAIL

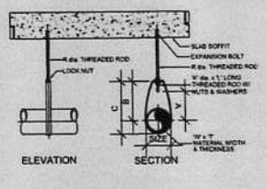


6 P-07 ACCEPTABLE TYPES PIPE HANGERS



7 P-07 HOSE BIBB DETAILS





TRAPEZE HANGERS

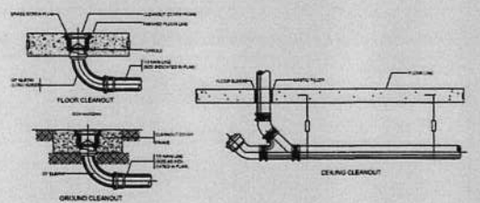
STANDARD CLEVIS HANGERS
TABLE OF DIMENSIONS

		B	R	W x T	K x L
34	80	45	12	25 x 3	M10 x 70
42-50	9012			25 x 5	M10 x 80
65	95	50	12	25 x 3	M10 x 85
80		55	12	25 x 3	M10 x 100
76	19560		14	40 x 6	M12 x 115
89	125	60	14	40 x 6	M12 x 135
114		65	18	40 x 6	M16 x 160
140	16575		18	40 x 6	M16 x 190
165	195	80	18	40 x 6	M16 x 210

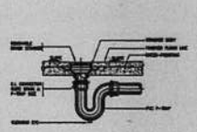
8 P-07 DETAILS OF PIPE HANGERS

TABLE OF DIMENSIONS IN MM

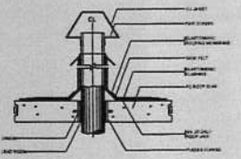
PIPE SIZE DIA.(MM)	ROD DIA. R(MM)	A	B	C	W (WIDTH)	L (THICK)
	10	36	55	75	22	1.6
2B10		46	65	87	22	1.6
	10	49	57	95	22	1.6
8010		56	76		22	1.6
	15	76	96	19636		2.5
2B15		84	106		38	2.5
100	16	90		181	1252	2.5
150	20	132	162	3846	66	4.5



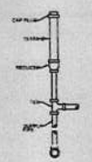
1 P-07 CLEANOUT DETAIL



2 P-07 FLOOR DRAIN DETAIL



3 P-07 VENT THRU ROOF DETAIL



5 P-07 AIR CHAMBER

REPUBLIC OF THE PHILIPPINES CITY OF PASIG OFFICE OF THE MAYOR ENGINEERING OFFICE	PROJECT TITLE : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY	PLUMBING: PROJECT IN CHARGE VINCENT R. VILLAMOR RMP ALLAN A. MARTIN RMP	PROGRAMMING & CONSTRUCTION : ENGR. ISRAEL L. RANESES CHIEF, CITY ARCHITECT ENGR. JUAN RUSSELL O. PEREZ PROJECTION CHARGE	RECOMMENDING APPROVAL : ENGR. LAWRENCE B. PRUDENCIO CHIEF, PLANNING, PROGRAMMING, & CONSTRUCTION DIVISION	ENGR. ARTAXERXES V. GERONIMO O.I.C., ENGINEERING OFFICE	APPROVED BY : VICTOR MA. REGIS N. SOTTO CITY MAYOR	SHEET CONTENTS : FLOOR DRAIN DETAIL, VENT THRU ROOF DETAIL, AIR CHAMBER DETAIL CADD: AAMARTIN	SHEET NO. : P 20

IMPORTANT NOTES :

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6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

CONFORME & ACCEPTED BY :

CONTRACTOR

GENERAL NOTES:

1. ALL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND TO THE REQUIREMENTS OF THE PHILIPPINES PLUMBING CODE.
2. ALL INSTALLATION THEREIN SHALL BE DONE TO THE BEST PRACTICE OF THE PROFESSION SUPERVISED BY A LICENSED MASTER PLUMBER AND LICENSED ENGINEER DURING CONSTRUCTION.
3. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE OWNER'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
4. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
5. IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE, FITTING, VALVE AND APPLIANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED, IF NECESSARY, TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE PLUMBING TRADE AND TO THE SATISFACTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
6. PIPING SHALL BE PROPERLY GRADED OR PITCHED TO ENSURE EASY DRAINAGE. THE MINIMUM SLOPES SHALL BE AS FOLLOWS:
   a. SANITARY AND STORM DRAINAGE PIPES: FOR 85mm AND SMALLER - 1:50
   FOR 100mm AND LARGER - 1:100
7. EXACT LOCATION OF EXISTING UTILITIES (WATERLINES, SEWER LINES, MANHOLES, AND STORM DRAINAGE LINES) SHALL BE VERIFIED BY THE CONTRACTOR AT JOBSITE.
8. CONTRACTOR TO CONDUCT WATER SAMPLING ANALYSIS PRIOR TO PREPARATION OF SHOP DRAWINGS OF WATER TREATMENT (IF REQUIRED) FOR APPROVAL BY OWNER'S AUTHORIZED REPRESENTATIVE.
9. THE PROPOSED UTILITIES SHALL BE MADE TO CONFORM TO THE ACTUAL LOCATION, TAPPING POINT, DEPTH AND INVERT LEVELS OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL GOVERNMENT / LOCAL CONSTRUCTION AND OPERATION PERMITS AND OTHER PERMITS REQUIRED BY ANY REGULATORY AGENCY.
11. EXTERIOR UNDERGROUND DISCHARGE PIPES SHALL BE CENTRIFUGALLY CAST IRON PIPE & FITTINGS
12. ALL WORKS SHALL BE DONE WITH UTMOST CARE AND HIGHEST LEVEL OF QUALITY AND SAFETY; WITH NO ADVERSE DISRUPTION TO EXISTING UTILITIES AND / OR OPERATION.
13. ANY EXISTING UTILITIES EQUIPMENT, PIPINGS OR PAVED AREAS AFFECTED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION AND BE PROPERLY SCHEDULED PRIOR TO ACTUAL WORK AND WITH THE APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
14. ALL PIPES PENETRATING THRU WALLS, CEILING, FLOORS SHALL BE ACOUSTICALLY SEALED WITH STC FIRE RATED MATERIALS.
15. ALL PIPES, FITTINGS, PUECILE FLANGES, AND LADDER RUNGS INSTALLED INSIDE THE DOMESTIC WATER TANKS, SHALL BE STAINLESS STEEL.
16. POLYPROPYLENE-RANDOM AND OTHER PLASTIC PIPE AND FITTINGS SHALL CONFORM TO THE DIMENSIONAL REQUIREMENTS OF SCHEDULE 40 IRON PIPE SIZE. SEE TABLE OF COLD AND HOT WATER LINES EQUIVALENT PIPE DIAMETER AND MAXIMUM SPACING OF PIPE SUPPORT.
17. COLD AND HOT WATER LINES SHALL BE POLYPROPYLENE-RANDOM (PPR) PIPES OF DIFFERENT COLORS.
18. CONDENSATE DRAIN PIPES SHALL BE INSULATED WITH FLEXIBLE CLOSED CELL ELASTOMERIC RUBBER WITH THICKNESS AS SPECIFIED BELOW.

PIPE SIZE (mm)	CONDENSATE DRAIN LINE THICKNESS OF INSULATION (mm)
25 AND SMALLER	20
32 TO 50	25
65 TO 200	32

19. THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY SUCH THAT WHAT IS NOTED IN ONE, ALTHOUGH NOT INDICATED OR MENTIONED IN THE OTHER SHALL BE CONSIDERED CONTAINED IN ALL.

MAX. SPACING OF PIPE SUPPORT		
PIPE DIAMETER (mm)	POLYVINYL CHLORIDE (PVC) PIPE (m)	HUBLESS CAST IRON PIPE (m)
63	0.75	-
90	1.00	1.50
110	1.00	1.50
160	1.25	1.50
200	1.25	1.50
250	1.50	1.50
300	1.50	1.50
375	1.75	1.50

COLD AND HOT WATER LINES

EQUIVALENT PIPE DIAMETER

NOMINAL PIPE DIAMETER (mm)	POLYPROPYLENE-RANDOM(PPR) PIPE PN20 (mm)	HIGH DENSITY POLYETHYLENE (HDPE) PIPE-PE 100/PN16 (mm)
15	25	-
20	32	-
25	40	-
32	50	-
40	63	-
50	75	-
65	90	-
75	110	-
100	-	125
150	-	180
200	-	225
250	-	280
300	-	355

MAX. SPACING OF PIPE SUPPORT

PIPE DIAMETER (mm)	POLYPROPYLENE-RANDOM (PPR) PIPE (m)	HIGH DENSITY POLYETHYLENE (HDPE) PIPE (m)
25	0.75	-
32	0.75	-
40	0.75	-
50	1.00	-
63	1.00	-
75	1.00	-
90	1.25	-
110	1.25	-
125	-	1.50
160	-	1.50
225	-	1.50
280	-	1.75
355	-	1.75

SANITARY DRAINAGE AND VENT LINES

EQUIVALENT PIPE DIAMETER

NOMINAL PIPE DIAMETER (mm)	SOIL AND VENT PIPING POLYVINYL CHLORIDE (PVC) PIPE-SERIES 1000 (mm)	SOIL AND WASTE STACK HUBLESS CAST IRON PIPE ASTM A888 (MM)
50	63	-
75	90	75
100	110	100
150	160	150
200	200	200
250	250	250
300	-	300
375	-	375

ABBREVIATIONS

BP	BOOSTER PUMP
CAP	CAPACITY
CWL	COLD WATER LINE
CWR	COLD WATER RISER
CUM.	CUBIC METER
CV	CHECK VALVE
DIA.,Ø	DIAMETER
DN	DOWN
DS	DOWNSPOUT
F/A	FROM ABOVE
F/B	FROM BELOW
FC	FLEXIBLE CONNECTOR
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FV	FLOAT VALVE
GPM	GALLONS PER MINUTE
RD	ROOF DRAIN
SP	SOIL PIPE
SS	SOIL STACK
T/B	TO BELOW
GT	GREASE TRAP
GV	GATE VALVE
H/L	HIGH LEVEL
HP	HORSE POWER
KS	KITCHEN SINK
KW	KILOWATT
LAV	LAVATORY
LPS	LITERS PER SECOND
M	METER
M/L	MID LEVEL
MM	MILLIMETER
MIN.	MINIMUM
TDH	TOTAL DYNAMIC HEAD
TYP	TYPICAL
U/S	UNDER SLAB
UR	URINAL
VP	VENT PIPE
VS	VENT STACK
VTR	VENT THRU ROOF
WC	WATER CLOSET
WS	WYE STRAINER
W	WATER METER

LEGENDS AND SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	COLD WATER LINE		BALANCING VALVE
	HOT WATER LINE		FLOAT VALVE
	HOT WATER RETURN		FLOAT VALVE (SCHEMATIC)
	SOIL PIPE		CAPPED-OFF
	VENT PIPE		WATER HAMMER ARRESTER
	STORM DRAINAGE PIPE		BACK FLOW PREVENTER
	CONDENSATE DRAINAGE PIPE		LOCAL CONTROL PANEL
	DISCHARGE PIPE		WATER HEATER
	CHEMICAL WASTE PIPE		SEWER MANHOLE
	CHEMICAL VENT PIPE		DRAINAGE MANHOLE
	RADIO ACTIVE VENT PIPE		FLOOR DRAIN OR ROOF DRAIN
	RADIO ACTIVE WASTE PIPE		SCUPPER DRAIN
	CONTINEOUS PIPE		FLOOR CLEANOUT
	PERFORATED PIPE		CEILING CLEANOUT / CLEANOUT
	PIPE SLEEVE		CATCHBASIN
	CHECK VALVE		AREA DRAIN
	WATER METER ASSEMBLY		TRENCH DRAIN
	WATER METER		ROOF DRAIN
	WYE STRAINER		RAIN WATER OUTLET (SCHEMATIC)
	FLEXIBLE PIPE CONNECTION		SPLASH
	PUMP	KS	KITCHEN SINK
	TAP (LOCKABLE)	WC	WATER CLOSET(FLUSH VALVE)
	TAP / HOSE BIBB (PLAN)	LAV	LAVATORY
	HOSE BIBB (SCHEMATIC)	UR	URINAL
	VALVE IN RISER	SSK	SLOP SINK
	GATE VALVE		STUB-OUT

REPUBLIC OF THE PHILIPPINES
CITY OF PASIG

OFFICE OF THE MAYOR

ENGINEERING OFFICE

PROJECT TITLE :

PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL

LOCATION: INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

PLUMBING:
PROJECT IN CHARGE
VINCENT A. VILLAMOR RMP
ALLAN A. MARTIN RMP

PROGRAMMING & CONSTRUCTION :
ENGR. ISRAEL V. RANESES
CHIEF ENGINEER - PROJECTS
ENGR. JUAN CARLOS T. PEREZ
PROJECT IN CHARGE

RECOMMENDING APPROVAL :
ENGR. LAWRENCE B. PRUDENCIO
CHIEF, PLANNING, PROGRAMMING & CONSTRUCTION DIVISION
ENGR. ARTAXERXES V. GERONIMO
O.I.C., ENGINEERING OFFICE

APPROVED BY :
VICTOR MA. REGIS N. SOTTO
CITY MAYOR

SHEET CONTENTS :
GENERAL NOTES
LEGENDS AND SYMBOLS
SANITARY DRAINAGE AND VENT LINES
ABBREVIATIONS
MAX. SPACING OF PIPE SUPPORT

CADD: AAMARTIN

SHEET NO. : P 21

CONFORME & ACCEPTED BY :
CONTRACTOR

IMPORTANT NOTES :
1. NO ALTERATION IN PLANS & SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
2. IF IN ANY CASE THE CONSTRUCTION METHOD USED BY THE CONTRACTOR IS CONTRARY TO THE STRUCTURAL DESIGN THAT PLACES THE FAULT/DESIGN OF THE STRUCTURAL ENGINEER SHALL BE REMEDIED.
3. IN CASE OF DISCREPANCY IN THE DRAWING, THE MATTER SHALL BE SUBMITTED IMMEDIATELY TO THE ARCHITECT BEFORE ANY ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR.
4. ANY VIOLATION OF THIS INSTRUCTION SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
5. PROJECT IN CHARGE / INSPECTOR SHALL OVERSEE THE PROJECT AT ALL TIMES & REPORT TO THE DESIGNER OF NON-CONFORMING ACTIVITIES.
6. CONTRACTOR SHALL PROVIDE ON-SITE ARCHITECT & ENGINEER WHO SHALL BE RESPONSIBLE FOR THE PROJECT.

LUNGSOD NG PASIG
UMAASOS ANG PAG-ASA

CITY ENGINEERING OFFICE

Form No. : _____
Date : _____

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

Source of Funds : _____
Obligated Author : _____

Calendar Days to Complete : 600 CD
Desirable Starting Date : _____

MINIMUM EQUIPMENT REQUIREMENT			
DESCRIPTION	NO.	DESCRIPTION	NO.

TECHNICAL PERSONNEL REQUIRED			
DESCRIPTION	NO.	DESCRIPTION	NO.

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
1.0	**MOBILIZATION / DEMOBILIZATION**	0.95%	1.00	lot		
2.0	**PRELIMINARIES**					
	- Bunkhouse / Temporary Facilities		250.00	sq.m		
	- Temporary Barricades and Protection Net		560.00	lm		
	- Occupational Safety and Health Program		20.00	mos.		
		0.70%				
3.0	**REPAIR AND IMPROVEMENT AT BASEMENT**					
	- Waterproofing		29.00	sq.m		
	- M2 Panel PSM 80 including dowel		130.00	sq.m		
	- Shotcrete Cement Plaster		260.00	sq.m		
	- Rollup Door		8.40	sq.m		
	- Solid Surface Plate Countertop and Splash Board including		3.30	sq.m		
	under cabinet					
	- Painting of Walls and Ceiling		3,515.00	sq.m		
	- Rental of H-frame		1,054.50	sq.m		
	- Industrial Powerfloor self levelling compound (Epoxy Resin Floor Finish		1,422.00	sq.m		
		1.90%				
4.0	**REPAIR AND IMPROVEMENT AT RAMP**					
	- Painting of Walls and Ceiling		2,681.00	sq.m		
	- Rental of H-Frame		804.30	sq.m		
	- 300x300mmx4mm thk Non-skid rubber tiles		730.00	sq.m		
		1.16%				
5.0	**REPAIR AND IMPROVEMENT AT GROUND FLOOR**					
	- Removal and hauling of Existing Flooring		1,118.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,118.00	sq.m		
	- Cove Former		994.00	lm		
	- Capping Strip		994.00	lm		
	- Self Levelling Compound		1,118.00	sq.m		
	- Demolition and Hauling of Existing wall partition		342.00	sq.m		
	- M2 Panel PSM 80 including dowel		375.00	sq.m		
	- Shotcrete Cement Plaster		750.00	sq.m		
	- 12mm Ficemboard on Metal Frame Double Wall Partition		66.50	sq.m		
	- Painting of Walls		2,980.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,391.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,391.00	sq.m		
	- Painting of Ceiling		1,391.00	sq.m		
	- Rental of H-frame		894.00	sq.m		
	- Plain Cement Floor Finish (Driveway)		400.00	sq.m		
	- Chipping and hauling of Existing Floor Finish at Driveway		400.00	sq.m		
	ADMITTING COUNTERS					
	- Built-up separator duco finish on metal framing		6.75	sq.m		
	- 0.8m Built-up Overhead Cabinet		4.20	lm		
	- Two Seater Modular Type Workstation – Two-Tone Fabric Finished in		1.00	set		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					
	FINANCE DEPARTMENT					
	- Built-up separator duco finish on metal framing		7.35	sq.m		
	- 8mm Thk Acrylic Glass Separator		7.20	sq.m		
	- 0.8m Built-up Overhead Cabinet		38.10	lm		
	- One Seater Modular Type Workstation – Two-Tone Fabric Finished in		3.00	sets		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					

IKA-450 TAON
PANAHON NG PASIGUENO

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	- One Seater Modular L- Type Workstation – Two-Tone Fabric Finished		7.00	sets		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					
	- One Seater Modular L- Type (1.5x2x1.2) Workstation – Two-Tone		2.00	sets		
	Fabric in 2mm PVC edge band Office partitions in 45mm thick aluminu					
	Fabric trims with 25mm thick board Melamine Finish					
	- Four Seater Modular Type Workstation – Two-Tone Fabric Finished in		1.00	set		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					
	- Two Seater Modular Type Workstation – Two-Tone Fabric Finished in		2.00	set		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					
	EMERGENCY ROOM					
	STAFF PANTRY AND ANTE ROOM					
	- Solid Surface Plate Countertop and Splash Board including		4.44	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		38.10	lm		
	PRIMARY CARE, ISOLATION AND WAITING AREA TOILET					
	- Waterproofing		17.42	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		46.50	sq.m		
	PHARMACY					
	- Solid Surface Plate Countertop and Splash Board including		5.60	sq.m		
	under cabinet					
	- Waterproofing		361.00	sq.m		
	SOCIAL SERVICE SECTION					
	- Built-up separator duco finish on metal framing		4.50	sq.m		
	- 0.8m Built-up Overhead Cabinet		5.30	lm		
	- Waterproofing		2.13	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		8.33	sq.m		
		3.41%				
6.0	**REPAIR AND IMPROVEMENT WORK AT SECOND FLOOR**					
	- Removal and hauling of Existing Flooring		1,151.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,151.00	sq.m		
	- Cove Former		1,023.00	lm		
	- Capping Strip		1,023.00	lm		
	- Self Levelling Compound		1,151.00	sq.m		
	- Demolition and Hauling of Existing wall partition		793.00	sq.m		
	- M2 Panel PSM 80 including dowel		1,096.00	sq.m		
	- Shotcrete Cement Plaster		2,192.00	sq.m		
	- Painting of Walls		3,069.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,344.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,344.00	sq.m		
	- Painting of Ceiling		1,344.00	sq.m		
	- Rental of H-frame		921.00	sq.m		
	- Handrail with PVC Coverand aluminum Retainer including wall panel		107.00	lm		
	- End Cap (Lefft/Right)		43.00	pcs		
	- Butt Joint		30.00	pcs		
	- TB Dots Room and Connector Bridge		25.00	sq.m		
	LEDGE AND CANOPY					
	- Waterproofing		280.60	sq.m		
	- Concrete Topping		280.60	sq.m		
	- Stainless Steel Gutter (304) Ga. 25		10.00	lm		
	- 75mmØ Gutter Drain with Strainer		2.00	sets		
	- Chipping and hauling of Existing conrete ledge		4.00	sq.m		
	- 6mm Stainless plate with 4-16mmØ Anchor Bolt		12.00	sets		
	NEONATAL ICU					
	- Built-up Nurse's Station		4.60	lm		
	- Solid Surface Plate Countertop and Splash Board including		14.80	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		3.20	lm		
	RECOVERY ROOM					
	- Built-up Nurse's Station		3.00	lm		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	PEDIATRIC ICU					
	- Solid Surface Plate Countertop and Splash Board including		8.10	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		5.10	lm		
	- Built-up Nurse's Station		4.90	lm		
	- Waterproofing		6.60	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		17.25	sq.m		
	MEDICAL ICU					
	- Solid Surface Plate Countertop and Splash Board including		12.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		6.70	lm		
	- Built-up Nurse's Station		3.80	lm		
	- Waterproofing		6.40	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		16.70	sq.m		
	LABOR ROOM AND HIGH PREGNANCY UNIT					
	- Solid Surface Plate Countertop and Splash Board including		1.10	sq.m		
	under cabinet					
	- 2" Stainless Steel Curtain Partition hanger		32.00	lm		
	- Waterproofing		4.90	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		13.60	sq.m		
	SUB-STERILE					
	- Solid Surface Plate Countertop and Splash Board including		9.50	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		11.20	lm		
	DELIVERY ROOM					
	- 2" Stainless Steel Curtain Partition hanger		24.00	lm		
		4.69%				
7.0	**REPAIR AND IMPROVEMENT WORK AT THIRD FLOOR**					
	- Removal and hauling of Existing Flooring		1,078.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,078.00	sq.m		
	- Cove Former		1,136.00	lm		
	- Capping Strip		1,136.00	lm		
	- Self Levelling Compound		1,078.00	sq.m		
	- Demolition and Hauling of Existing wall partition		409.00	sq.m		
	- M2 Panel PSM 80 including dowel		598.30	sq.m		
	- Shotcrete Cement Plaster		1,196.60	sq.m		
	- Painting of Walls		3,407.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,341.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,341.00	sq.m		
	- Painting of Ceiling		1,341.00	sq.m		
	- Rental of H-frame		1,022.00	sq.m		
	- Handrail with PVC Coverand aluminum Retainer including wall panel		95.70	lm		
	- End Cap (Lefft/Right)		38.00	pcs		
	- Butt Joint		27.00	pcs		
	LEDGE AND CANOPY					
	- Waterproofing		169.00	sq.m		
	- Concrete Topping		169.00	sq.m		
	WCPU AND WAITING AREA TOILET					
	- Waterproofing		10.20	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		26.40	sq.m		
	- Floor Topping (Raised Flooring)		5.50	sq.m		
	CLINICAL LABORATORY					
	RECEPTION AND WAITING AREA TOILET					
	- Waterproofing		6.60	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		17.30	sq.m		
	EXTRACTION AREA					
	- Solid Surface Plate Countertop and Splash Board including		2.30	sq.m		
	under cabinet					
	HALLWAY					
	- Solid Surface Plate Countertop and Splash Board including		1.50	sq.m		
	under cabinet					
	RECEIVING/RELEASING OF SPECIMEN/RESULT ROOM					
	- 1.4m Built-up Overhead Cabinet		1.20	lm		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	CLINICAL MICROSCOPY SECTION					
	- Solid Surface Plate Countertop and Splash Board including		10.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		7.00	lm		
	HEMATOLOGY SECTION					
	- Solid Surface Plate Countertop and Splash Board including		12.80	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		3.30	lm		
	CLINICAL CHEMISTRY SECTION AND IMMUNOLOGY/SEROLOGY					
	- Solid Surface Plate Countertop and Splash Board including		10.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		6.70	lm		
	STERILIZATION					
	- Solid Surface Plate Countertop and Splash Board including		4.40	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		5.50	lm		
	STAFF PANTRY					
	- Solid Surface Plate Countertop and Splash Board including		1.50	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		2.40	lm		
	EMERGENCY SHOWER					
	- Waterproofing		2.20	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		6.40	sq.m		
	LOCKER ROOM TOILET					
	- Waterproofing		6.40	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		18.00	sq.m		
	HISTOPATHOLOGY					
	- Solid Surface Plate Countertop and Splash Board including		8.60	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		7.40	lm		
	MICROBIOLOGY					
	- Solid Surface Plate Countertop and Splash Board including		5.80	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		4.90	lm		
	DECONTAMINATION ROOM					
	- Solid Surface Plate Countertop and Splash Board including		1.10	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		2.00	lm		
	MEDIA PREP. ROOM					
	- Solid Surface Plate Countertop and Splash Board including		1.90	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		4.30	lm		
	MOLECULAR LAB PANTRY					
	- Solid Surface Plate Countertop and Splash Board including		1.20	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		1.30	lm		
	BLOOD BANK UNIT					
	- Built-up Reception Counter		2.70	lm		
	TOILET					
	- Waterproofing		6.40	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		16.70	sq.m		
	DONOR EXTRACTION AREA					
	- 2" Stainless Steel Curtain Partition hanger		10.00	lm		
	BB PROCESSING					
	- Solid Surface Plate Countertop and Splash Board including		5.50	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		2.00	lm		
		3.97%				
8.0	**REPAIR AND IMPROVEMENT WORK AT FOURTH FLOOR**					
	- Removal and hauling of Existing Flooring		1,122.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,128.00	sq.m		
	- Cove Former		900.00	lm		
	- Capping Strip		900.00	lm		

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	- Self Levelling Compound		1,122.00	sq.m		
	- Demolition and Hauling of Existing wall partition		54.80	sq.m		
	- M2 Panel PSM 80 including dowel		170.00	sq.m		
	- Shotcrete Cement Plaster		340.00	sq.m		
	- Painting of Walls		2,700.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,392.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,392.00	sq.m		
	- Painting of Ceiling		1,392.00	sq.m		
	- Rental of H-frame		810.00	sq.m		
	- Handrail with PVC Coverand aluminum Retainer including wall panel		138.00	lm		
	- End Cap (Lefft/Right)		65.00	pcs		
	- Butt Joint		39.00	pcs		
	- Waterproofing/Damproofing		1,995.00	sq.m		
	LEDGE AND CANOPY					
	- Waterproofing		162.60	sq.m		
	- Concrete Topping		162.60	sq.m		
	T&B					
	- Removal and hauling of Tiles		258.80	sq.m		
	- Waterproofing		92.50	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		258.80	sq.m		
	WARD EXTENSION					
	- Varifold Door		16.70	sq.m		
	- 2" Stainless Steel Curtain Partition hanger		8.00	lm		
	- Solid Surface Plate Countertop and Splash Board including		1.60	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		1.70	lm		
	NURSE STATION A					
	- Solid Surface Plate Countertop and Splash Board including		7.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		6.80	lm		
	T&B					
	- Waterproofing		8.70	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		21.60	sq.m		
	TREATMENT MEDICATION AREA					
	- Solid Surface Plate Countertop and Splash Board including		0.80	sq.m		
	under cabinet					
		3.88%				
9.0	**REPAIR AND IMPROVEMENT WORK AT FIFTH FLOOR**					
	- Removal and hauling of Existing Flooring		1,078.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,078.00	sq.m		
	- Cove Former		886.00	lm		
	- Capping Strip		886.00	lm		
	- Self Levelling Compound		1,078.00	sq.m		
	- Demolition and Hauling of Existing wall partition		284.00	sq.m		
	- M2 Panel PSM 80 including dowel		438.00	sq.m		
	- Shotcrete Cement Plaster		876.00	sq.m		
	- 12mm Ficemboard on Metal Frame Double Wall Partition		16.00	sq.m		
	- Painting of Walls		2,659.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,392.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,392.00	sq.m		
	- Painting of Ceiling		1,392.00	sq.m		
	- Rental of H-frame		797.70	sq.m		
	- Handrail with PVC Coverand aluminum Retainer including wall panel		108.00	lm		
	- End Cap (Lefft/Right)		51.00	pcs		
	- Butt Joint		31.00	pcs		
	- Waterproofing/Damproofing		1,483.50	sq.m		
	LEDGE AND CANOPY					
	- Waterproofing		152.20	sq.m		
	- Concrete Topping		152.20	sq.m		
	T&B					
	- Removal and hauling of Tiles		287.60	sq.m		
	- Waterproofing		102.80	sq.m		

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	- 30x30 cm Vitr. Ceramic Tiles		287.60	sq.m		
	TREATMENT MEDICATION AREA					
	- One Seater Modular L- Type (1.5x2x1.2) Workstation – Two-Tone		1.00	set		
	Fabric in 2mm PVC edge band Office partitions in 45mm thick aluminu					
	Fabric trims with 25mm thick board Melamine Finish					
	- Solid Surface Plate Countertop and Splash Board including		0.84	sq.m		
	under cabinet					
	ISOLATION ROOM - ANTE ROOM					
	- Solid Surface Plate Countertop and Splash Board including		3.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		1.00	lm		
	DIALYZER/REPROCESSING					
	- Solid Surface Plate Countertop and Splash Board including		3.60	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		4.60	lm		
	STORAGE ROOM					
	- Solid Surface Plate Countertop and Splash Board including		3.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		2.00	lm		
	STAFF PANTRY					
	- Solid Surface Plate Countertop and Splash Board including		1.70	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		2.00	lm		
	T&B BESIDE DIALYXER/REPROCESSING					
	- Removal and hauling of Tiles		17.90	sq.m		
	- Waterproofing		6.70	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		17.90	sq.m		
	T&B BESIDE BUSINESS OFFICE					
	- Removal and hauling of Tiles		16.70	sq.m		
	- Waterproofing		6.40	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		16.70	sq.m		
	HEMODIALYSIS UNIT					
	- Solid Surface Plate Countertop and Splash Board including		4.00	sq.m		
	under cabinet					
	- 1.4m Built-up Overhead Cabinet		4.70	lm		
	- Built-up Nurse's Station		4.00	lm		
	- 2" Stainless Steel Curtain Partition hanger		72.00	lm		
		4.00%				
10.0	**REPAIR AND IMPROVEMENT WORK AT SIXTH FLOOR**					
	- Removal and hauling of Existing Flooring		1,173.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		1,173.00	sq.m		
	- Cove Former		1,023.60	lm		
	- Capping Strip		1,023.60	lm		
	- Self Levelling Compound		1,173.00	sq.m		
	- Demolition and Hauling of Existing wall partition		180.30	sq.m		
	- M2 Panel PSM 80 including dowel		279.00	sq.m		
	- Shotcrete Cement Plaster		558.00	sq.m		
	- 12mm Ficemboard on Metal Frame Double Wall Partition		152.80	sq.m		
	- Painting of Walls		3,071.00	sq.m		
	- Dismantling and hauling of Dilapidated and affected Ceiling		1,392.00	sq.m		
	- Ceiling including hangers and Metal Framing		1,392.00	sq.m		
	- Painting of Ceiling		1,392.00	sq.m		
	- Rental of H-frame		921.30	sq.m		
	- Handrail with PVC Coverand aluminum Retainer including wall panel		80.00	lm		
	- End Cap (Lefft/Right)		50.00	pcs		
	- Butt Joint		23.00	pcs		
	LEDGE AND CANOPY					
	- Waterproofing		133.80	sq.m		
	- Concrete Topping		133.80	sq.m		
	MEDICAL RECORDS DEPT.					
	- One Seater Modular Type Workstation – Two-Tone Fabric Finished in		6.00	sets		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	trims with 25mm thick board Melamine Finish					
	- 0.8m Built-up Overhead Cabinet		3.30	lm		
	CENTRAL SUPPLY AND STERILIZATION ROOM					
	- Solid Surface Plate Countertop and Splash Board including		5.80	sq.m		
	under cabinet					
	INSPECTION AND PACKING AREA					
	- Solid Surface Plate Countertop and Splash Board including		4.50	sq.m		
	under cabinet					
	STORAGE AND RELEASING AREA					
	- Solid Surface Plate Countertop and Splash Board including		10.00	sq.m		
	under cabinet					
	PHYSICAL THERAPY SECTION					
	- One Seater Modular Type Workstation – Two-Tone Fabric Finished in		3.00	sets		
	in 2mm PVC edge band Office partitions in 45mm thick aluminum					
	trims with 25mm thick board Melamine Finish					
	- Solid Surface Plate Countertop and Splash Board including		3.40	sq.m		
	under cabinet					
	- Full Height Copper Free Wall Mirror Including Bracket		15.60	sq.m		
	- Built-up Nurse's Station		4.10	lm		
	T&B					
	- Waterproofing		9.20	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		22.70	sq.m		
		3.25%				
11.0	**REPAIR AND IMPROVEMENT WORK AT LOWER ROOF DECK**					
	- Demolition and Hauling of Existing wall partition		113.50	sq.m		
	- M2 Panel PSM 80 including dowel		682.60	sq.m		
	- Shotcrete Cement Plaster		1,365.20	sq.m		
	- Painting of Walls		2,172.00	sq.m		
	- Rental of H-frame		651.60	sq.m		
	LEDGE AND CANOPY					
	- Waterproofing		124.80	sq.m		
	- Concrete Topping		124.80	sq.m		
	GARDEN AREA AND EXISTING GARDEN					
	- Bench		17.60	lm		
	- Removal and hauling of Existing Flooring		323.80	sq.m		
	- Waterproofing		323.80	sq.m		
	- Stencilecrete Paving System		107.60	sq.m		
	- Collapsible Pre-Fabricated Modular Units		8.00	sets		
	Walls: 2" Polysrene Insulation with Double Sided 0.5mm Prepainted					
	sht. Roof: Built-in drainage design 360 Fully Covered Roof with					
	Pre-painted GI Sheet Ceiling. Security Steel Door with lockset					
	Flooring: T18mm High-Strength Cement Fiber Board, T2mm PVC Floori					
	Window: 2-sets of PVC Sliding window w/ grills. Steel Frame:					
	Galvabized with Two coatings. Including Electrical Fixtures and Wires					
	HALLWAY AND ELAVATOR LOBBY					
	- Removal and hauling of Existing Flooring		272.30	sq.m		
	- 60X60 Non-skid. Homogenous Porcelain Tiles		272.30	sq.m		
	FOOD WASTE AND TRASH STO AREA					
	- Removal and hauling of Existing Flooring		3.90	sq.m		
	- Industrial Powerfloor self levelling compound (Epoxy Resin Floor Finish		3.90	sq.m		
	DIETARY SECTION AND NUTRITION CLINIC					
	- Removal and hauling of Existing Flooring		203.00	sq.m		
	- Industrial Powerfloor self levelling compound (Epoxy Resin Floor Finish		203.00	sq.m		
	- Dismantling and hauling of Dilapidated Ceiling		228.40	sq.m		
	- Ceiling including hangers and Metal Framing		228.40	sq.m		
	- Painting of Ceiling		228.40	sq.m		
	- Rental of H-frame		69.00	sq.m		
	- Solid Surface Plate Countertop and Splash Board including		1.30	sq.m		
	under cabinet					
	MALE & FEMALE TOILET					
	- Waterproofing		19.50	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		54.20	sq.m		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	RAMP					
	- Concrete Breaking and Disposal of Existing Ramp		23.70	sq.m		
	- Construction of New Ramp		45.00	sq.m		
	WARD EXTENSION					
	- Slab Extension		6.70	sq.m		
	- Removal and hauling of Existing Flooring		13.25	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		13.25	sq.m		
	- Solid Surface Plate Countertop and Splash Board including		5.20	sq.m		
	under cabinet					
	- Built-up Nurse's Station		6.80	lm		
	- 1.4m Built-up Overhead Cabinet		7.50	lm		
	- Removal and hauling of Existing Flooring		260.00	sq.m		
	- 2mm Homogenous Anti-bacterial Vinyl Roll		260.00	sq.m		
	- Cove Former		236.00	lm		
	- Capping Strip		236.00	lm		
	- Self Levelling Compound		260.00	sq.m		
	- Dismantling and hauling of Dilapidated Ceiling		305.00	sq.m		
	- Ceiling including hangers and Metal Framing		305.00	sq.m		
	- Painting of Ceiling		305.00	sq.m		
	- Rental of H-frame		92.00	sq.m		
	- 2" Stainless Steel Curtain Partition hanger		101.20	lm		
	T&B					
	- Waterproofing		34.20	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		89.30	sq.m		
	TREATMENT MEDICATION AREA					
	- Solid Surface Plate Countertop and Splash Board including		0.84	sq.m		
	under cabinet					
		3.67%				
12.0	**REPAIR AND IMPROVEMENT WORK AT UPPER ROOF DECK**					
	- Ga. 24 Pre-painted Longspan Rib type including Accs and Framing		33.40	sq.m		
	- 10mm Thk Solid Polycarbonate on 2x4" Tubular rafter and Trellis		33.40	sq.m		
	LEDGE AND CANOPY					
	- Waterproofing		124.70	sq.m		
	- Concrete Topping		124.70	sq.m		
	WATERPROOFING OF RAMP DECK					
	- Waterproofing		148.70	sq.m		
	- Concrete Topping		148.70	sq.m		
	- Epoxy Rubber Painted Finish		148.70	sq.m		
	WATERPROOFING OF ELEC/MECH ROOM DECK, MECHINICAL DECK					
	AND ELEVATOR SHAFT DECK					
	- Waterproofing		431.50	sq.m		
	- Concrete Topping		431.50	sq.m		
	- Epoxy Rubber Painted Finish		431.50	sq.m		
	OVER WARD EXPANSION					
	- Repair and Repainting of Roofing		325.40	sq.m		
		0.76%				
13.0	**REHABILITATION OF PUBLIC TOILET**					
	- Removal and hauling of Existing Flooring, Counter Top and Cubicles		801.60	sq.m		
	- Waterproofing		440.20	sq.m		
	- 30x30 cm Vitr. Ceramic Tiles		1,195.80	sq.m		
	- Painting of Walls		269.60	sq.m		
	- Rental of H-frame		80.88	sq.m		
	- Solid Phenolic Compact Boards partition and		176.40	sq.m		
	- PWD Stainless Steel Grab Bar		23.10	lm		
	- Solid Surface Plate Countertop and Splash Board including		31.20	sq.m		
	under cabinet					
	- Copper Free Wall Mirror including Bracket		33.40	sq.m		
		1.38%				
14.0	**EXTERIOR PAINTING**					
	- Painting		4,280.00	sq.m		
	- Rental of Scaffolding		1,284.00	sq.m		
		0.60%				

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
15.0	**REHABILITATION OF STAIRCASE 1 AND 2**					
	- Painting		1,590.00	sq.m		
	- Rental of H-frame		477.00	sq.m		
	- Industrial Powerfloor self levelling compound (Epoxy Resin Floor Finish		362.40	sq.m		
		0.54%				
16.00	**COUNTER WINDOWS, DOORS AND WINDOWS**					
	- 8mm Thk Acrylic Glass Sliding Type Door w/ fixed Side		284.40	sq.m		
	and Transom Glass Panels on Powder Coated					
	Extruded Aluminum Frames					
	- 6mm Thk Tinted Glass Double Sliding Type window		53.20	sq.m		
	w/ fixed side panels on powder coated extruded aluminum frames					
	- 6mm Thk clear viewing glass fixed type window panels		16.30	sq.m		
	on powder coated extruded aluminum frames					
	- 12mm Thk Clear Tempered Glass shop front double swing door		61.80	sq.m		
	w/ fixed side glass panels with 100mm wide glass film strips					
	at 150mm O.C. and 38mmØ S.S. Pipe Grab handles					
	on Powder coated extruded aluminum frames					
	- 10mm Thk Clear Tempered Glass shop front double swing door		17.80	sq.m		
	w/ fixed side glass panels with 100mm wide glass film strips					
	at 150mm O.C. and 38mmØ S.S. Pipe Grab handles					
	on Powder coated extruded aluminum frames					
	- Automatic Double Sliding Door Operator (Width:1250-3000mm)		3.00	sets		
	- Door Operation: Bi-parting					
	- Door width: 1250-3000mm					
	- Power Supply: AC 220V 50/60Hz					
	- Opening Spped: 150-460m/s (adjustable)					
	- Closing Speed:130-460m/s (Adjustable)					
	- Open Time: 0-8secs (Adjustable)					
	- Manual Force: <50N					
	- Temp: -20 - +50 Deg. C					
	- Profile Cover: 4.20 Meters					
	Including: Two motion Sensors					
	One Door Floor Guide					
	- Stainless Steel Hermetic Automatic Double Sliding Door		5.00	sets		
	- Door Operation: Double Slide					
	- Door width: up to 2000mm					
	- Power Supply: AC 220V +/- 10% 50/60Hz					
	- Opening Spped: 200mm - 500mm/s (adjustable)					
	- Closing Speed: 200mm - 500mm/s (adjustable)					
	- Open Time: 0-9secs (Adjustable)					
	- Manual Force: <100N					
	- Opening Control:					
	Foot Inductive Switch /					
	Touchless Switch Infrared					
	sensor / card or biometric					
	reader					
	- Stainless Steel Hermetic Automatic Single Sliding Door		1.00	set		
	- Door Operation: Single Slide					
	- Door width: up to 1400mm					
	- Power Supply: AC 220V +/- 10% 50/60Hz					
	- Opening Spped: 200mm - 500mm/s (adjustable)					
	- Closing Speed: 200mm - 500mm/s (adjustable)					
	- Open Time: 0-9secs (Adjustable)					
	- Manual Force: <100N					
	- Opening Control:					
	Foot Inductive Switch /					
	Touchless Switch Infrared					
	sensor / card or biometric					
	reader					
	- K.D. Solid wood double swing type door w/ laminated board finish		303.30	sq.m		
	w/ 6mm Thk frosted glass view window & 50mm thk UPI Insulation					
	- 40mm Thk Stainless Steel Hermetic Door Swing Type Anti-Bacterial		35.80	sq.m		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	Components (Complete accs, Frames and self closing mechanism)					
	- Steel Swing Type Door with Embossed Wood Panels and		107.73	sq.m		
	Groove Lines (Complete accs, Frames and self closing mechanism)					
	- Finishing Hardware		141.00	sets		
	- Frames (Jambs)		141.00	sets		
	- (CW 01) 10mm Thk Clear tempered Glass Fixed Panels with 100mm		20.30	lm		
	wide Glass Film Strips at 150mm O.C. on Powder Coated Extruded					
	aluminum Frames including 850mm high Built-up counter desk					
	w/ 20mm thk Marine Laminated Board Finish					
	- (CW 03) 10mm Thk Clear tempered Glass Fixed Panels with 100mm		33.10	lm		
	wide Glass Film Strips at 150mm O.C. on Powder Coated Extruded					
	aluminum Frames including 850mm high Built-up counter desk					
	w/ 20mm thk Marine Laminated Board Finish					
	- (CW 04) 6mm Thk Clear Glass Fixed/Sliding Panels with 100mm wide		8.10	lm		
	Glass Film Strips at 150mm O.C. on Powder Coated Extruded					
	aluminum Frames including 850mm high Built-up counter desk					
	w/ 20mm thk Marine Laminated Board Finish					
		5.45%				
17.00	**MEDICAL GAS PIPING**					
17.1	**BASEMENT AND GROUND FLOOR**					
17.1.1	Coppertubes Type L cleaned for Medical Pipeline use					
	- 3 1/8		20.0	pcs		
	- 2 5/8		18.0	pcs		
	- 1 5/8		28.0	pcs		
	- 1 3/8		5.0	pcs		
	- 1 1/8		28.0	pcs		
	- 7/8		65.0	pcs		
	- 3/4		35.0	pcs		
	- 5/8		55.0	pcs		
17.1.2	Medical Gas Outlet					
	- Tri-tech Medical USA Oxygen DISS		15.0	sets		
	- Tri-tech Medical USA Air DISS		15.0	sets		
	- Tri-tech Medical USA Vacuum/Slide DISS		15.0	sets		
17.1.3	Medical Gas Zone Valve and Alarm and Equipment					
	- Tri-tech Medical USA ZVA Combo Digital Touchscreen		1.0	set		
	OAV 1 1/2" x 1 1/2" x 1"					
	- 1 Meter beadhead unit with reading light and		15.0	sets		
	Covenience outlet					
		1.97%				
17.2	**SECOND FLOOR AND FOURTH FLOOR**					
17.2.1	Coppertubes Type L cleaned for Medical Pipeline use					
	- 2 1/8		40.0	pcs		
	- 1 5/8		20.0	pcs		
	- 1 1/8		75.0	pcs		
	- 7/8		205.0	pcs		
	- 3/4		160.0	pcs		
	- 5/8		310.0	pcs		
17.2.2	Medical Gas Outlet					
	- Tri-tech Medical USA Oxygen DISS		121.0	sets		
	- Tri-tech Medical USA Air DISS		35.0	sets		
	- Tri-tech Medical USA Vacuum/Slide DISS		121.0	sets		
17.2.3	Medical Gas Zone Valve and Alarm and Equipment					
	- Tri-tech Medical USA ZVA Combo Digital Touchscreen		6.0	set		
	OAV 1 1/2" x 1 1/2" x 1"					
	- Tri-tech Medical USA ZVA Combo Digital Touchscreen		2.0	set		
	OV 1 1/2" x 1 1/2"					
	- 1 Meter beadhead unit with reading light and		98.0	sets		
	Covenience outlet					
	- Ceiling Column for OR		2.0	sets		
		5.59%				
17.3	**FIFTH TO SEVENTH FLOOR**					
17.3.1	Coppertubes Type L cleaned for Medical Pipeline use					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	- 1 5/8		35.0	pcs		
	- 1 1/8		40.0	pcs		
	- 7/8		45.0	pcs		
	- 3/4		150.0	pcs		
	- 5/8		160.0	pcs		
17.3.2	Medical Gas Outlet					
	- Tri-tech Medical USA Oxygen DISS		78.0	sets		
	- Tri-tech Medical USA Vacuum/Slide DISS		70.0	sets		
17.1.3	Medical Gas Zone Valve and Alarm and Equipment					
	- Tri-tech Medical USA ZVA Combo Digital Touchscreen		3.0	set		
	OV 1 1/2" x 1 1/2"					
	- Tri-tech Medical USA ZVA Combo Digital Touchscreen		1.0	set		
	O 1 1/2"					
	- 1 Meter beadhead unit with reading light and		78.0	sets		
	Covenience outlet					
		3.02%				
17.4	**MEDICAL GAS SOURCE EQUIPMENT**					
	- 10hp Triplex Vacuum pump complete set touchscreen PLC		1.0	set		
	- 7.5hp triplex Air compressor complete set touchscreen PLC		1.0	set		
	- 20x20 header Tri-tech Oxygen Manifold complete set		1.0	set		
	- 15x15 header Tri-tech Air Manifold complete set		1.0	set		
	- Tri-tech Medical Master Alarm 3-gas Digital touchscreen		1.0	set		
	- Bracketing materials, sundries, and copper fittings		1.0	ls		
	(incl. oxyacetyline tanks, silver rods, and etc.)					
		8.04%				
17.5	**LABOR AND SUPERVISION**					
	- Labor and Deliveries		1.0	ls		
		2.79%				
18.00	**PLUMBING WORKS**					
18.1	**(Use PVC Pipes and Fittings of S-1000,**					
	SDR 35,ASTM D2729 and ISO 3633)					
	SEWER LINES:					
	PVC PIPE 8"X 3m		55.0	length		
	PVC PIPE 6"X 3m		70.0	length		
	PVC PIPE 4"X 3m		840.0	length		
	PVC PIPE 3"X 3m		78.3	length		
	PVC PIPE 2"X 3m		450.0	length		
	PVC WYE 8"X8"		5.0	pcs		
	PVC WYE 6"X6"		13.0	pcs		
	PVC WYE 4"X4"		212.0	pcs		
	PVC WYE 3"X3"		41.0	pcs		
	PVC WYE 2"X2"		42.0	pcs		
	PVC WYE REDUCER 8"X6"		7.0	pcs		
	PVC WYE REDUCER 6"X4"		10.0	pcs		
	PVC WYE REDUCER 6"X2"		24.0	pcs		
	PVC WYE REDUCER 4"X2"		234.0	pcs		
	PVC WYE REDUCER 3"X2"		34.0	pcs		
	PVC ELBOW 8"X90°		10.0	pcs		
	PVC ELBOW 6"X90°		8.0	pcs		
	PVC ELBOW 4"X90°		865.0	pcs		
	PVC ELBOW 3"X90°		80.0	pcs		
	PVC ELBOW 2"X90°		1244.0	pcs		
	PVC ELBOW 8"X45°		15.0	pcs		
	PVC ELBOW 6"X45°		33.0	pcs		
	PVC ELBOW 4"X45°		843.0	pcs		
	PVC ELBOW 3"X45°		169.0	pcs		
	PVC ELBOW 2"X45°		1128.0	pcs		
	PVC COUPLING REDUCER 8"X6"		4.0	pcs		
	PVC COUPLING REDUCER 8"X4"		8.0	pcs		
	PVC COUPLING REDUCER 6"X4"		12.0	pcs		
	PVC TEE 4"X2"		176.0	pcs		
	PVC TEE 4"		16.0	pcs		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	PVC TEE 2"		420.0	pcs		
	PVC P-TRAP 3"		34.0	pcs		
	PVC P-TRAP 2"		124.0	pcs		
	PVC CLEAN-OUT 6"		12.0	pcs		
	PVC CLEAN-OUT 4"		128.0	pcs		
	PVC CLEAN-OUT 2"		54.0	pcs		
	SOLVENT 400cc		327.0	can		
	Metal Hangers w/ Expansion Bolt		400.0	pcs		
	B.I PIPE SCH 40 - 4" X 6METERS		24.0	pcs		
	B.I ELBOW SCH 40 4"(WELDED)		12.0	pcs		
	Labor Cost					
		1.45%				
18.2	**(Use PVC Pipes and Fittings of S-1000,**					
	SDR 35,ASTM D2729 and ISO 3633)					
	SEWER LINES:					
	PVC PIPE 8"X 3m		84.0	length		
	PVC PIPE 6"X 3m		287.0	length		
	PVC PIPE 4"X 3m		288.0	length		
	PVC PIPE 3"X 3m		126.0	length		
	PVC WYE 6"X6"		16.0	pcs		
	PVC WYE 4"X4"		52.0	pcs		
	PVC WYE 3"X3"		10.0	pcs		
	PVC WYE REDUCER 8"X6"		26.0	pcs		
	PVC WYE REDUCER 6"X4"		10.0	pcs		
	PVC ELBOW 8"X90°		10.0	pcs		
	PVC ELBOW 6"X90°		30.0	pcs		
	PVC ELBOW 4"X90°		90.0	pcs		
	PVC ELBOW 3"X90°		28.0	pcs		
	PVC ELBOW 8"X45°		20.0	pcs		
	PVC ELBOW 6"X45°		60.0	pcs		
	PVC ELBOW 4"X45°		122.0	pcs		
	PVC ELBOW 3"X45°		40.0	pcs		
	PVC COUPLING REDUCER 8"X6"		4.0	pcs		
	PVC COUPLING REDUCER 8"X4"		8.0	pcs		
	PVC COUPLING REDUCER 6"X4"		12.0	pcs		
	PVC CLEAN-OUT 6"		12.0	pcs		
	PVC CLEAN-OUT 4"		22.0	pcs		
	SOLVENT 400cc		236.0	can		
	Metal Hangers w/ Expansion Bolt		200.0	pcs		
	ROOF DRAIN		24.0	pcs		
	GUTTER DRAIN		20.0	pcs		
	Labor Cost					
		0.94%				
18.3	**REPAIR OF WATER LINES**					
	PPR PIPE 20 (1/2") x 4m		459.00	pcs		
	PPR PIPE 25 (3/4") x 4m		218.00	pcs		
	PPR PIPE 32 (1") x 4m		304.0	pcs		
	PPR PIPE 50 (1 1/2") x 4m		156.0	pcs		
	PPR PIPE 63 (2") x 4m		86.0	pcs		
	PPR PIPE 90 (3") x 4m		74.0	pcs		
	PPR PIPE 100 (4") x 4m		80.0	pcs		
	PPR ELBOW 20(1/2")		344.0	pcs		
	PPR ELBOW 25(3/4")		284.0	pcs		
	PPR ELBOW 32(1")		312.0	pcs		
	PPR ELBOW 50(1 1/2")		88.0	pcs		
	PPR ELBOW 63(2")		30.0	pcs		
	PPR ELBOW 90(3")		20.0	pcs		
	PPR ELBOW 110(4")		56.0	pcs		
	PPR TEE 20 (1/2")		246.0	pcs		
	PPR TEE 25 (3/4")		148.0	pcs		
	PPR TEE 32 (1")		78.0	pcs		
	PPR TEE 50 (1 1/2")		12.0	pcs		

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	PPR TEE 63 (2")		8.0	pcs		
	PPR TEE 90 (3")		6.0	pcs		
	PPR TEE 110 (4")		12.0	pcs		
	PPR TEE REDUCER 110mm x 63mm		5.0	pcs		
	PPR TEE REDUCER 110mm x 50mm		15.0	pcs		
	PPR TEE REDUCER 90mm x 63mm		4.0	pcs		
	PPR TEE REDUCER 90mm x 50mm		25.0	pcs		
	PPR TEE REDUCER 63mm x 50mm		18.0	pcs		
	PPR TEE REDUCER 63mm x 32mm		26.0	pcs		
	PPR TEE REDUCER 50mm x 32mm		6.0	pcs		
	PPR TEE REDUCER 32mm x 20mm		66.0	pcs		
	PPR STR MALE ADAPTER 20mm		132.0	pcs		
	PPR STR MALE ADAPTER 25mm		28.0	pcs		
	PPR STR MALE ADAPTER 32mm		44.0	pcs		
	PPR STR MALE ADAPTER 50mm		10.0	pcs		
	PPR ELBOW FEMALE ADAPTER 20mm		405.0	pcs		
	PPR ELBOW FEMALE ADAPTER 25mm		124.0	pcs		
	PPR ELBOW FEMALE ADAPTER 32mm		56.0	pcs		
	PPR TEE FEMALE ADAPTER 20mm		205.0	pcs		
	PPR END CAP 20mm		405.0	pcs		
	PPR END CAP 32mm		56.0	pcs		
	PPR COUPLINF RED. 110mm X @90mm		12.0	pcs		
	PPR COUPLINF RED. 90mm X @63mm		18.0	pcs		
	PPR COUPLINF RED. 63mm X @50mm		14.0	pcs		
	PPR COUPLINF RED. 63mm X @32mm		36.00	pcs		
	PPR COUPLINF RED. 50mm X @32mm		54.00	pcs		
	PPR COUPLINF RED. 32mm X @25mm		54.00	pcs		
	PPR COUPLINF RED. 32mm X @20mm		148.00	pcs		
	PPR COUPLINF RED. 25mm X @20mm		64.00	pcs		
	PPR COUPLING 110mm		70.0	pcs		
	PPR COUPLING 90mm		68.0	pcs		
	PPR COUPLING 63mm		76.0	pcs		
	PPR COUPLING 50mm		120.0	pcs		
	PPR COUPLING 32mm		68.0	pcs		
	PPR COUPLING 25mm		126.0	pcs		
	PPR COUPLING 20mm		244.0	pcs		
	GATE VALVE 1/2" KITZ		66.0	pcs		
	GATE VALVE 1" KITZ		22.0	pcs		
	Metal Hangers w/ Expansion Bolt		250.0	pcs		
	RJQ-110 (UP TO 110mm)		1.0	unit		
	RJQ-40 (UP TO 40mm)		1.0	unit		
	Labor Cost					
		2.96%				
18.4	**PLUMBING FIXTURES**					
	Water closet Commercial type		66.0	unit/s		
	Counter type Lavatory		51.0	unit/s		
	Semi - Pedestal Type Lavatory		56.0	unit/s		
	FLOOR DRAIN SQUARE STAINLESS		112.0	unit/s		
	Urinal flush valve		32.0	unit/s		
	Shower Set		49.0	unit/s		
	7 Gpm Grease Trap		12.0	unit/s		
	Bidet Set (Stainless Type)		66.0	unit/s		
	Soap Holder (Stainless Type)		49.0	unit/s		
	Tissue Holder (Stainless Type)		66.0	unit/s		
	Towel rack (Stainless Type)		49.0	unit/s		
	Water heater Single Point		61.0	unit/s		
	Labor Cost					
		2.02%				
19.00	**ELECTRICAL AND MECHANICAL WORKS**					
19.1	**ELECTRICAL WORKS**					
19.1.1	**PANELBOARDS AND BREAKERS**					
1.01	**LOW VOLTAGE SWITCH GEAR (LVSG)**					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	Replacement of Deffective ACB, MCCB and Additional MCCB					
	2000AT, 3P, ACB, 415V, Drawout Type, 65kAIC, Mechanical Interlock for 2000AF, sliding type, motor mechanism modules with SDE adapter and auxillary switch, electrically operated with Micro Logic 6.0 LSIG		2.00	unit		
	600AT, 600AF, 3P, MCCB, 50kAIC, Thermal Magnetic and Electronic Trip, Micrologic 5.0 (LSIG)		1.00	unit		
	500AT, 600AF, 3P, MCCB, 50kAIC, Thermal Magnetic and Electronic Trip, Micrologic 5.0 (LSIG)		1.00	unit		
1.02	**AUTOMATIC TRANSFER SWITCH (ATS) at Basement**					
	Replacement of Deffective MCCB, ATS Controller and Mechanical Interlock for Fire Pump ATS					
	300AT, 300AF, 4P, 50kAIC, 415V		2.00	units		
	Mechanical Interlock for 300AT, Sliding Type					
	Motor Mechanism Modules with SDE Adapter and Auxillary Switch					
	Electrically operated with Micrologic 6.0 Trip unit					
	ATS Controller HAT 700		1.00	unit		
1.03	**AUTOMATIC TRANSFER SWITCH (ATS) at LVSG**					
	Replacement of Deffective ACB, ATS Controller and Mechanical					
	1600AT, 1600AF, 4P, 50kAIC, 415V		2.00	units		
	Mechanical Interlock for 800AT, Sliding Type					
	Motor Mechanism Modules with SDE Adapter and Auxillary Switch					
	Drawout Type Electrically operated with Micrologic 6.0 Trip unit					
	ATS Controller HAT 700		1.00	unit		
1.04	**AUTOMATIC TRANSFER SWITCH (ATS) at LVSG**					
	Replacement of Deffective MCCB, ATS Controller and Mechanical Interlock for Fire Pump ATS					
	800AT, 800AF, 4P, 50kAIC, 415V		2.00	units		
	Mechanical Interlock for 800AT, Sliding Type					
	Motor Mechanism Modules with SDE Adapter and Auxillary Switch					
	Electrically operated with Micrologic 6.0 Trip unit					
	ATS Controller HAT 700		1.00	unit		
1.05	**SMDB-MECH'L-GF**		1.00	assem		
	MAIN: 600AT, 600AF, 3P, MCCB,50kAIC, 415V, Micrologic 6.0 LSIG		1.00	unit		
	Branches:					
	1 - 400AT, 3P, 35kAIC,MCCB, 415V, LSI, Micrologic 5.0		1.00	units		
	2 - 200AT, 3P, 35kAIC,MCCB, 415V, LSI, Micrologic 5.0		2.00	units		
	1 - 100AT, 3P, 35kAIC,MCCB, 415V, LSI, Micrologic 5.0		1.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.06	**PB-MECH'L-GF**		1.00	assem		
	MAIN:200AT, 200AF, 3P, MCCB,35kAIC, 415V, LSI		1.00	unit		
	Branches:					
	6 - 60AT, 3P, 18kAIC,MCCB, 415V, Thermal and Electronic Trip		6.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.07	**PB-ACU-GF**		1.00	assem		
	MAIN:100AT, 200AF, 3P, MCCB,35kAIC, 415V		1.00	unit		
	Branches:					
	16 - 30AT, 1P, 18kAIC,MCCB, 230V		16.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclo sure		
1.08	**PB-MECH'L-2F-A**		1.00	assem		
	MAIN: 400AT, 400AF, 3P, MCCB,35kAIC, 415V, Micrologic 6.0 LSI		1.00	unit		
	Branches:					
	1 - 200AT, 3P, 35kAIC,MCCB, 415V, LSI		1.00	units		
	5 - 50AT, 3P, 35kAIC,MCCB, 415V, LSI		5.00	units		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.09	**PB-MECH'L-2F-B**		1.00	assem		
	MAIN: 200AT, 200AF, 3P, MCCB,35kAIC, 415V, LSI		1.00	unit		
	Branches:					
	4 - 50AT, 3P, 22kAIC,MCCB, 415V		4.00	units		
	2 - 40AT, 3P, 22kAIC,MCCB, 415V		2.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.10	**PB-MECH'L-3F**		1.00	assem		
	MAIN: 200AT, 200AF, 3P, MCCB,35kAIC, 415V, LSI		1.00	unit		
	Branches:					
	4 - 50AT, 3P, 22kAIC,MCCB, 415V		4.00	units		
	2 - 40AT, 3P, 35kAIC,MCCB, 415V		2.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.11	**PB-LABORATORY-3F**		1.00	assem		
	MAIN: 150AT, 200AF, 3P, MCCB,22kAIC, 415V, LSI		1.00	unit		
	Branches:					
	10 - 30AT, 1P, 10kAIC,MCCB, 415V		10.00	units		
	10 - 40AT, 1P, 10kAIC,MCCB, 415V		10.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.12	**SMDB-MECH'L-MECH'L-URD**		1.00	assem		
	MAIN:600AT, 600AF, 3P, MCCB,50kAIC, 415V, Micrologic 6.0 LSI		1.00	unit		
	Branches:					
	4 - 200AT, 3P, 35kAIC,MCCB, 415V, LSI		4.00	units		
	In NEMA 4X Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.13	**PB-MECH'L-4F**		1.00	assem		
	MAIN: 200AT, 200AF, 3P, MCCB,35kAIC, 415V, LSI		1.00	unit		
	Branches:					
	4 - 50AT, 3P, 22kAIC,MCCB, 415V		4.00	units		
	2 - 40AT, 3P, 22kAIC,MCCB, 415V		2.00	units		
	In NEMA 4X Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.14	**PB-AUTOCLAVE-6F**		1.00	assem		
	MAIN: 200AT, 200AF, 3P, MCCB,35kAIC, 415V, LSI		1.00	unit		
	Branches:					
	2 - 100AT, 3P, 22kAIC ,MCCB, 415V		2.00	units		
	2 - 40AT, 3P, 35kAIC, MCCB, 415V		2.00	units		
	In NEMA 1X Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclos		
1.15	**PB-LP-RD**		1.00	assem		
	MAIN: 60AT, 100AF, 3P, MCCB18kAIC, 415V		1.00	unit		
	Branches:					
	16 - 30AT, 1P, 10kAIC,MCCB, 230V		16.00	units		
	In NEMA 1 Enclosure, Bolt-on, with Grounding and Neutral Terminal Block, Powder Coated Finished, G.I. Sheet # 16, Surface Mount		1.00	enclosure		
1.16	**Enclosed Circuit Breaker**		8.00	assem		
	MAIN: 60AT, 100AF, 3P, MCCB, 22kAIC, 415V,Thermal Magnetic, in NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
1.17	**Enclosed Circuit Breaker** MAIN: 100AT, 100AF, 3P, MCCB, 22kAIC,415V, Thermal Magnetic, in NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs		10.00	assem		
1.18	**Enclosed Circuit Breaker** MAIN: 150AT, 200AF, 3P, MCCB, 18kAIC, 415V, Thermal Magnetic, in NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs		4.00	assem		
1.19	**Enclosed Circuit Breaker** MAIN: 200AT, 250AF, 3P, MCCB, 22kAIC, LSIG, 415V in NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs		2.00	assem		
1.20	**Enclosed Circuit Breaker** MAIN: 300AT, 400AF, 3P, MCCB, 22kAIC, 415V, LSIG, In NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs		4.00	assem		
1.22	**Enclosed Circuit Breaker** MAIN: 30AT, 60AF, 1P, MCCB,10kAIC, 230V, in NEMA 4X Enclosure with Grounding and Neutral Terminal Lugs		18.00	assem		
1.23	**IP-2F-1, IP-2F-2 and IP-2F-3 at Operating Rooms** Relocation of Isotrol Panelboard and Preventive Maintenance.		3.00	assem		
1.24	**GPS-RD Panelboards** Preventive Maintenance and Calibration of Master Control Panel		1.00	assem		
1.25	**Distribution and Sub -Panelboards** Preventive Maintenance, cleaning, re-tagging and re-tightening of breakers		43.00	assem		
1.26	**Consumables** - tox with metal screw, expansion bolt and shield, flat washers		1.00	lot		
		2.59%				
19.1.2	**WIRES, CONDUITS, AND BOXES**					
2.01	150.0 mm² THHN Stranded		1,890.00	mtrs		
2.02	100.0 mm² THHN Stranded		844.00	mtrs		
2.03	30.0 mm² THHN Stranded		640.00	mtrs		
2.04	22.0 mm² THHN Stranded		322.00	mtrs		
2.05	14.0 mm² THHN Stranded		688.00	mtrs		
2.06	8.0 mm² THHN Stranded		722.00	mtrs		
2.07	5.5 mm² THHN Stranded		1,862.00	mtrs		
2.08	3.5 mm² THHN Stranded		2,261.00	mtrs		
2.09	2.0 mm² THHN Stranded		2,144.00	mtrs		
2.10	80 mmØ (3") IMC x 10ft.		210.00	lgt		
2.11	50 mmØ (2 ") IMC x 10ft.		94.00	lgt		
2.12	40 mmØ (1 1/2") IMC x 10ft.		112.00	lgt		
2.13	25 mmØ (1") IMC x 10ft.		80.00	lgt		
2.14	20 mmØ (3/4") IMC x 10ft.		476.00	lgt		
2.15	15 mmØ (1/2") IMC x 10ft.		358.00	lgt		
2.16	Junction Box, deep type, with cover and ground terminal, G.I. #16		894.00	pcs		
2.17	Utility Box, deep type, ground terminal, G.I. #16		656.00	pcs		
2.18	IMC Coupling, 3"Ø		80.00	pcs		
2.19	IMC Coupling, 2"Ø		100.00	pcs		
2.20	IMC Coupling, 1 1/2"Ø		140.00	pcs		
2.21	IMC Coupling, 1"Ø		90.00	pcs		
2.22	IMC Coupling, 3/4"Ø		600.00	pcs		
2.23	IMC Coupling, 1/2"Ø		700.00	pcs		
2.24	G.I Wires #16		10.00	kilos		
2.25	Tox with Metal Screw #8		2.00	boxes		
2.26	Pull-Boxes with cover, Guage #16(assorted sizes)		1.00	lot		
2.27	Hanger and Supports, Horizontal and Vertical (Unitstrut bar, full tread rod, anchor grip, clamps, flat washers and nuts, etc.)		600.00	sets		
		2.20%				
19.1.3	**FIXTURES AND WIRING DEVICES**					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
3.01	60W, HI-BAY LED, 90 Degrees beam angle, Day light		6.00	pcs		
3.02	Downlight LED Panel, Reccessed Type, 6" diameter, 15watts,		418.00	pcs		
3.03	Reccessed type Luminare, Housing made of sheet, power coated in white resins, with Prismatic Diffuser, 4 x 18watts LED tube lamp, 30t - 40t burning hours, 300mm x 1200mm x 120mm, 120lumens per watt or higher		37.00	pcs		
3.04	Reccessed type Luminare, Housing made of sheet, power coated in white resins, Louver Type, 4 x 9watts LED tube lamp, 30t - 40t burning hours, 600mm x 600mm x 100mm, 120lumens per watt or higher		141.00	pcs		
3.05	Emergency Light, Twin Head LED bulb, 230volts, 20 to 30 hours		289.00	pcs		
3.06	Polycarbonate Lighting Fixtures, IP65, 2x18watts LED Lamp tube, Daylight, 230V		24.00	pcs		
3.07	Exhaust Fan, Ceiling Cassette Type, 12" x 12 ", complete with flexible duct and stainless exhaust hood		3.00	pcs		
3.08	One Gang switch, Wide type, 10Ampere, with cover plate, white finished		24.00	pcs		
3.09	Two Gang switch, Wide type, 10Ampere, with cover plate, white finished		32.00	pcs		
3.10	Three Gang switch, Wide type, 10Ampere, with cover plate, white finished		14.00	pcs		
3.11	Hospital Grade Duplex Outlet, 20Ampere Rating with grounding, 230V, with cover plate, white finished		182.00	pcs		
3.12	Duplex Outlet, 16Ampere Rating with grounding, Universal Type, with cover plate, white finished		84.00	pcs		
3.13	Simplex Outlet, 16Ampere Rating with grounding, Universal Type, with cover plate, white finished		289.00	pcs		
3.14	LED Lamp Tube, 18watts, daylight, 120lumens per watt or higher, 230volts, double ended, T8 (replacement for existing flourescent)		884.00	pcs		
3.15	LED Lamp Tube, 9watts, daylight, 120lumens per watt or higher, 230volts, double ended, T8 (replacement for existing fluorescent)		320.00	pcs		
		0.93%				
19.2	**MECHANICAL WORKS**					
19.2.1	**AIRCON WORKS**					
19.2.1.1	**VRV/VRF (VARIABLE REFRIGERANT VOLUME/FLOW) UNITS**					
	SYSTEM 1, GROUND FLOOR					
1.01	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.02	8.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.03	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		15.00	Pcs		
	SYSTEM 2,GROUND FLOOR					
1.04	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.05	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.06	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		2.00	Pcs		
1.07	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		11.00	Pcs		
	SYSTEM 3,GROUND FLOOR					
1.08	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.09	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.10	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		2.00	Pcs		
1.11	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		9.00	Pcs		
	SYSTEM 1,SECOND FLOOR					
1.12	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.13	10.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.14	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		3.00	Pcs		
1.15	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
1.16	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		5.00	Pcs		
	SYSTEM 2,SECOND FLOOR					
1.17	18.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.18	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.19	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		4.00	Pcs		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
1.20	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
1.21	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		6.00	Pcs		
	SYSTEM 3,SECOND FLOOR					
1.22	16.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.23	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.24	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		4.00	Pcs		
1.25	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		4.00	Pcs		
	SYSTEM 4,SECOND FLOOR					
1.26	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.27	8.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.28	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		2.00	Pcs		
1.29	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		7.00	Pcs		
	SYSTEM 1,THIRD FLOOR					
1.30	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER TYPE		1.00	Pc		
1.31	10.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER TYPE		1.00	Pc		
1.32	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		4.00	Pcs		
1.33	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		3.00	Pcs		
	SYSTEM 2,THIRD FLOOR					
1.04	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.05	10.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.12	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		2.00	Pcs		
1.06	1.5HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		2.00	Pcs		
1.06	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		6.00	Pcs		
	SYSTEM 1,FOURTH FLOOR					
1.04	16.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		2.00	Pc		
1.05	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.05	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.12	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		1.00	Pcs		
1.06	2.5HP CEILING DUCTED, INVERTER TYPE 220V, 1P, 60HZ		10.00	Pcs		
	SYSTEM 2,FOURTH FLOOR					
1.04	18.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		2.00	Pc		
1.05	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.12	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		10.00	Pcs		
1.06	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		2.00	Pcs		
	SYSTEM 1,FIFTH FLOOR					
1.04	18.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.05	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.12	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		5.00	Pcs		
1.06	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
1.06	1.5HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		2.00	Pcs		
1.06	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
	SYSTEM 2,FIFTH FLOOR					
1.04	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		3.00	Pc		
1.06	2.5HP CEILING DUCTED, INVERTER TYPE 220V, 1P, 60HZ		10.00	Pcs		
	SYSTEM 3,FIFTH FLOOR					
1.04	16.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.05	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.06	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		10.00	Pcs		
	SYSTEM 1,SIXTH FLOOR					
1.04	20.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.04	18.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		2.00	Pc		
1.06	4.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		3.00	Pcs		
1.12	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ		1.00	Pcs		
1.18	1.0HP WALL MOUNTED, INVERTER TYPE 220V, 1P, 60HZ R32		1.00	pc		
1.06	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		11.00	Pcs		
	SYSTEM 2,SIXTH FLOOR					
1.04	18.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		2.00	Pc		
1.04	14.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.06	10.0HP CEILING DUCTED HIGH STATIC AIR VOLUME, INVERTER TYPE		1.00	Pcs		
1.06	6.0HP CEILING DUCTED, INVERTER TYPE 220V, 1P, 60HZ		1.00	Pcs		

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
1.06	3.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		2.00	Pcs		
1.06	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		6.00	Pcs		
	SYSTEM 3,SIXTH FLOOR					
1.04	12.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		2.00	Pc		
1.04	10.0HP, OUTDOOR UNIT, VRV/VRF 400V/380V, 3P, 60HZ, INVERTER		1.00	Pc		
1.06	1.5HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
1.06	1.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		1.00	Pcs		
1.06	2.0HP CEILING CASSETTE DOUBLE FLOW, INVERTER TYPE 220V, 1P,		10.00	Pcs		
	SPLIT TYPE AIRCONDITIONING EQUIPMENT					
1.06	4.0HP WALL MOUNTED , INVERTER TYPE 220V, 1P, 60HZ, R32		4.00	sets		
	2.0HP WALL MOUNTED , INVERTER TYPE 220V, 1P, 60HZ, R32		1.00	sets		
1.06	3.0HP CEILING MOUNTED , INVERTER TYPE 220V, 1P, 60HZ, R32		1.00	sets		
1.06	3.0HP CEILING CASSETTE, INVERTER TYPE 220V, 1P, 60HZ, R32		6.00	sets		
1.17	1.5HP WALL MOUNTED, INVERTER TYPE 220V, 1P, 60HZ R32		1.00	set		
1.18	1.0HP WALL MOUNTED, INVERTER TYPE 220V, 1P, 60HZ R32		1.00	sets		
	OTHER EQUIPMENTS					
1.19	Refrigerant netrwork for vrv system (indoor and outdoor)		183.00	pcs		
1.20	Remote for VRV/VRF (wired)		183.00	pcs		
	Ducting works					
	Removal of deffective ducting, machince connection ,grills and other		426.00	/sq.m		
	Reducting for the deffective ducting and new Ducting works for new		468.00	/sq.m		
		13.91%				
19.2.1.2	**REFRIGERANT WORKS**					
	Refrigerant Copper Tubing, Hard Drawn, Type L					
2.01	1 5/8" Ø		155.00	lm		
2.02	1 3/8" Ø		290.00	lm		
2.04	1 1/8" Ø		225.00	lm		
2.07	7/8" Ø		210.00	lm		
2.08	3/4" Ø		350.00	lm		
2.09	1/2" Ø		680.00	lm		
2.10	5/8" Ø		670.00	lm		
2.11	3/8" Ø		625.00	lm		
2.12	1/4" Ø		477.00	lm		
	Refrigerant Copper Fittings (Lomg radius Elbow 90 °)					
2.10	1 5/8" Ø		39.00	pcs		
2.11	1 3/8" Ø		73.00	pcs		
2.12	1 1/8" Ø		56.00	pcs		
2.13	7/8" Ø		53.00	pcs		
2.14	3/4" Ø		88.00	pcs		
2.15	1/2" Ø		170.00	pcs		
2.16	5/8" Ø		168.00	pcs		
2.17	3/8" Ø		156.00	pcs		
2.18	1/4" Ø		119.00	pcs		
2.19	1 5/8" Ø coupling		1.00	pcs		
2.20	1 3/8" Ø coupling		2.00	pcs		
2.21	1 1/8" Ø coupling		10.00	pcs		
2.22	7/8" Ø coupling		16.00	pcs		
	Closed Cell Elastomeric Rubber Insulation with thickness of 1 inch					
2.23	1 5/8" Ø		155.00	lm		
2.24	1 3/8" Ø		290.00	lm		
2.25	1 1/8" Ø		225.00	lm		
2.26	7/8" Ø		210.00	lm		
2.27	3/4" Ø		350.00	lm		
2.28	1/2" Ø		680.00	lm		
2.29	5/8" Ø		670.00	lm		
2.30	3/8" Ø		625.00	lm		
2.31	1/4" Ø		477.00	lm		
2.32	Polythelene Tape (white)		80.00	rolls		
	Condensate Drain System					
2.33	50mm Ø, PVC S-Blue		20.00	lgt/10f		
2.34	40mm Ø, PVC S-Blue		40.00	lgt/10f		
2.35	32mm Ø, PVC S-Blue		100.00	lgt/10f		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
2.35	25mm Ø, PVC S-Blue		60.00	lgt/10ft		
2.36	50mm Ø, rubber insulation		34.00	pcs		
2.37	40mm Ø, rubber insulation		67.00	pcs		
2.38	32mm Ø, rubber insulation		34.00	pcs		
2.38	25mm Ø, rubber insulation		100.00	pcs		
2.39	Polythelene Tape (blue)		30.00	rolls		
	Hangers and Support Sytem					
2.40	Fullthreaded 3/8"		100.00	pcs		
2.41	Dynabolt 3/8"		56.00	pcs		
2.42	Metal clamp 4"		60.00	pcs		
2.43	Loop hanger (refrigerant and drain) 2"& 1 1/2"		50.00	pcs		
2.44	Spring (Indoor)		132.00	pcs		
2.45	Metal clamp 2"		150.00	pcs		
2.46	Bolt and nut 3/8'		100.00	pcs		
2.47	Spring (Outdoor)		48.00	pcs		
2.48	Concrete flatform (4" thickness) vrv/vrf oudoor with rubber pad		41.00	sets		
	Miscellaneous / Consumables					
2.46	Mapp gas		100.00	tank		
2.47	Silver Rod		500.00	pcs		
2.48	Oxy-Acetylene tank		10.00	pcs		
2.49	Charging Freon, R410a		192.00	kls		
2.50	Charging Freon, R32		10.00	kls		
2.51	Nitrogen		10.00	tank		
2.52	Other accessories		1.00	lot		
		1.34%				
19.2.1.3	**ELECTRICAL WORKS OF AIRCON UNITS**					
3.01	100AT,3P,220V IN NEMA 3R		9.00	pcs		
3.02	75AT , 3P , 220V IN NEMA 3R		28.00	pcs		
3.03	40AT , 2P , 220V IN NEMA 3R		4.00	pcs		
3.04	30AT , 2P , 220V IN NEMA 3R		10.00	pcs		
3.05	15AT , 2P , 220V IN NEMA 1		183.00	pcs		
3.06	Imc pipe 3/4"dia.		14.00	pcs		
3.07	Imc pipe 1/2"dia.		1,110.00	pcs		
3.08	Liquid tight 1 1/2" with connector and adapter		120.00	mtr		
3.09	Liquid tight 1 1/2" elbow		14.00	pcs		
3.10	Liquid tight 1" with connector and adapter		300.00	mtr		
3.11	Liquid tight 1 " elbow		20.00	pcs		
3.12	Metal Flexible Conduit 1/2 with mica tube		25.00	mtrs		
3.13	Metal Flexible Connector 3/4 with mica tube		25.00	mtrs		
3.14	Royal Cord 1.25 mm, 2C PHILFLEX (Transmission)		1,929.00	mtrs		
3.15	Royal Cord 0.75 mm, 2C PHILFLEX (Control Wire)		2,196.00	mtrs		
3.16	THHN Wire #12 (SUPPLY)		1,300.00	mtrs		
3.17	THHN Wire #10 (SUPPLY)		120.00	mtrs		
3.18	THHN Wire #8 (SUPPLY)		220.00	mtrs		
3.19	THHN Wire #4 (SUPPLY)		220.00	mtrs		
3.20	THHN Wire #2 (SUPPLY)		160.00	mtrs		
3.21	Square Box 4x4, deep type, G.I. Gauge #16		6.00	pcs		
3.22	Other accessories		1.00	lot		
		0.60%				
19.2.2	**AUXILIARY SYSTEM**					-
19.2.2.1	**FDAS(FIRE DETECTION AND ALARM SYSTEM)**					
1.01	Firealarm control panel addressable UL listed,system update and		1.00	unit		
1.02	Smoke Detector(optical) with base addressable, UL listed		166.00	pcs		
1.03	Heat Detector with base addressable, UL listed		19.00	pcs		
1.04	Fire alarm strobe(red) and horn(sounder) 12/24V UL listed, addressable		12.00	pcs		
1.05	Manual Call point, indoor red, with hinge cover and bezel addressable		12.00	pcs		
1.06	# 16 TF wire, 2C (black and red)		15,725.00	mtrs		
1.07	Spare glass		6.00	pcs		
1.08	Interface module notific , app,surface		6.00	pcs		
1.09	Power supply ,8A, 12/24V		12.00	set		
1.10	12V, 7 Ah battery		12.00	pcs		

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
1.11	Junction Box, deep type, G.I. Gauge #16		185.00	pcs		
1.12	Utility Box, deep type, G.I. Gauge #16		24.00	pcs		
1.13	Square Box 4x4, deep type, G.I. Gauge #16		12.00	pcs		
1.14	Imc pipe 1/2"dia.		5,242.00	lgt		
1.16	Support and hangering such as clamps, gi wires , concrete nails,.etc.		10,485.00	sets		
		2.41%				
19.2.2.2	**CCTV(CLOSED CIRCUIT TELEVISION) SYSTEM**					
2.01	40"- 43" Led Monitor (CCTV Monitoring Screen), 4K Resolution, with mounting bracket and other support		6.00	units		
2.02	**Desktop Computer Set** - (Intel Core 7 10th Generation, 16GB expandable up to 32GB, up to 2TB M.2 PCIe NVME SSD + 2TB HDD, 8GB OC DDR5X Video Card, with 144HZ 24" Led Monitor, keyboard, up 800 Watts Power Supply Unit (PSU), up to 1500 VA Uninterrupted Power Supply (UPS), with Licensed Windows 10 System and Microsoft Office Application.)		1.00	set		
2.03	**Network Video Recorder (NVR)** -32 Channel Compact up to 32Tb, supports up to 5MP cameras, 1U HDD Network video recorder, 240fps @ 1080P, VGA/HDMI simultaneous video output , maximum resulution of HDMI is 4K, support camera using a POE(power over Ethernet), support remote configuration and management of IPC .		4.00	set		
2.04	Boxes of mounting camera (octagonal junction box with cover)		21.00	pcs		
2.05	4-Megapixel CCTV Camera 1/1.8" CMOS image sensor, built in IR LED , 2.8/4/6 mm fixed lens distance : 30m , 12V DC/PoE power support , IP67 protection. Support h.265+ /h.265 /h.264+ h.264, upto 30fps		110.00	units		
2.06	4-Terabyte Hard Disk Drive		4.00	units		
2.07	CCTV cable cabinet/rack		1.00	set		
2.08	Cat 6 cable wire		5,959.00	mtrs		
	rj45 and rubber boots		220.00	pcs		
2.09	HDMI Splitter (monitors), 4-6 ports		1.00	pcs		
2.10	HDMI cable, 4 ports		12.00	mtrs		
2.11	Imc pipe 2"diameter		6.00	lgt		
2.12	Imc pipe 1"diameter		12.00	lgt		
2.14	Imc pipe 1/2"diameter		1,990.00	lgt		
2.15	Others (accessories , hangers, taggging/ panning of camera and support including c-clamp and velcro, tv mounting plate, 24 PORTS POE, wire mesh/cable tray)		6.00	sets		
		1.15%				
19.2.2.3	**PUBLIC ADDRESS AND BACKGROUND MUSIC SYSTEM**					
3.01	Ceiling Mounted speaker (6W)		232.00	units		
3.02	Power Amplifier 240watts(pre amplifier)		12.00	sets		
3.03	# 16 TF wire, 2C (black and red)/speaker wire		19,720.00	mtrs		
3.04	Imc pipe 1/2"dia.		6,574.00	lgt		
3.05	Usb Desktop Microphone with mute button, plug & play		11.00	set		
3.06	Tuner		1.00	set		
3.07	DVD player with usb		1.00	set		
3.08	Support and hangering such as clamps, gi wires, full		4,382.00	lot		
		2.54%				
19.2.2.4	**BMS(BUILDING MANAGEMENT SYSTEM)**					
4.01	Rehabilation, programming and calibration, including additional accessories, replacement of defective sensors, equipments.		1.00	unit		
		0.25%				

Name of Project : PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
20.0	ELECTRIC MOTOR PUMPS AND FIRE PROTECTION SYSTEM					
	Additional Fire Protection System at Extension (Lower Roof Deck)		1.00	ls		
	P-TP1 " BERKELEY " (USA) B Sseries Close-coupled		4.00	pcs		
	End-suction Centrifugal Pump					
	Model B1-1/2TPMS, size 1-1/2 x 2 x 6M					
	Features Cast iron construction with unique					
	back pull-out design permits access to					
	the impeller without disturbing the piping,					
	high -quality and self-lubricating					
	mechanical shaft seal; close-coupled					
	with a NEMA standard ODP motor					
	HP: 10, Pipe Tapping Size (suction x Discharge): 2" x 1-½"					
	Motor Voltage: 230/460Volts,					
	Rated Speed: 3450RPM, Phase/Hz: Three(3)/60Hz					
	Rated to deliver: 180 GPM against 150ft. TDH					
	P-BP 1 " AERMOTOR " (USA) UL Listed		3.00	pcs		
	CT35 Series Centrifugal Pump					
	Motor CT35-3-100					
	Features:					
	Closed-Grained Cast Iron Body and					
	Sealed Plate; Steel 10 Gauge Base;416					
	Stainless Steel Shaft; Carbon/Ceramic,					
	Buna-N Mechanical Seal;					
	Abraison-Resistant Noryl Impeller;					
	coupled with an A.O Smith Electric					
	Motor; Replaceable Wear Ring					
	HP:1 0, Pipe Tapping Size (suction x Discharge): 1-1/4" x 1"					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 3.6/1.8A					
	Rated to deliver: 30GPM againts 80ft. TDH.					
	CPS Triplex Controls Triplex Controller for Pump " AERMOTOR "		1.00	pc.		
	(USA) UL Listed CT35 Series					
	Centtlfugal Pump, Model CT35-3-100					
	P-BP2 " AERMOTOR " (USA) UL Listed CT35		3.00	pcs		
	Series Cenrtifugal Pump					
	Model CT35-3-200 features.					
	Closed-Grained Cast Iron Body and					
	Sealed Plate; Steel 10 Gauge Base;416					
	Stainless Steel Shaft; Carbon/Ceramic,					
	Buna-N Mechanical Seal;					
	Abraison-Resistant Noryl Impeller;					
	coupled with an A.O Smith Electric					
	Motor; Replaceable Wear Ring					
	HP: 2, Pipe Tapping Size (suction x Discharge): 1-1/2" x 1-1/4"					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 6.8/3.4A					
	Rated to deliver: 40GPM against 100ft.TDH					
	CPS triplex Controls		1.00	pc.		
	Triplex Controller for Pump " AEROMOTOR "					
	(USA) UL Listed CT35 Series					
	Model CT35-3-200					
	P-BP 3" AERMOTOR " (USA) Ul Listed CT35		3.00	pcs		
	Series Centrifugal Pump					
	Model CT35-3-200					
	Features:					
	Close-Grained Cast Iron Body					
	and Seal 10 Gauge Base; 416					
	Stainless Steel Shaft; Carbon/Ceramic,					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	Buna-N Mechanical Seal;					
	Abraison-Resistant Noryl Impeller;					
	coupled with an A.O Smith Electric					
	Motor; Replaceable Wear Ring					
	HP: 2, Pipe Tapping Size (Suction x Discharge): 1-1/2" x 1-1/4					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 6.8/3.4A					
	Rated to deliver: 40GPM against 100ft. TDH					
	CPS Triplex Control		1.00	pc.		
	Triplex Controller for Pump for AERMOTOR CT35-3-200					
	NP-BP 1		3.00	pcs		
	" AERMOTOR " (USA) UL Listed CT35					
	Series Centrifugal Pump					
	Model CT35-3-150					
	Features:					
	Close -Grained Cast Iron Body and					
	Seal Plate; Steel 10Gauge Base;416					
	Stainless Steel Shaft; Carbon/Ceramic,					
	Buna-N Mechanical Seal;					
	Abraison-Resistant Norly Impeller;					
	couple with an A.O Smoth Electric					
	Motor; Replaceable Wear Ring					
	HP: 1-1/2, Pipe Tapping Size (Suction x Discharge): 1-1/4" x 1					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 4.7/2.35A					
	Rated to deliver: 40GPM against 90ft.TDH					
	CPS Triplex Control		1.00	pc.		
	Triplex Controller for Pump " AERMOTOR "					
	(USA) UL Listed CT35 Series					
	Centrifugal Pump					
	Model SPCH-3-150					
	NP-BP 2		3.00	pcs		
	" AERMOTOR " (USA) SPCH Series					
	Self-Priming Centrifugal Pump					
	Model SPCH-3-300					
	Features Close-Grained cast iron body and base;					
	bronze impeller;cast iron					
	diffuser;carbon steel shaft inside removable					
	shaft sleeve of stainless steel;					
	leak-proof mechanical seal;					
	close-coupled with an A.O Smith motor					
	HP:3, Pipe Tapping Size (Suction xDischarge): 2" x 1-1/2					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 8.6/4.3A					
	Rated to deliver: 80GPM against 100ft. TDH					
	CPS triplex Controls		1.00	pc.		
	Triplex Controller for "AERMOTOR"					
	(USA) SPCH Series Self-Priming					
	Centrifugal Pump					
	Model SPCH-3-300					
	Np-Bp 3		3.00	pcs		
	" AERMOTOR " (USA) SPCH Series					
	Self -Priming Centrifigal Pump					
	Model SPCH-3-300					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	Features:					
	Close-Grained cast iron body and base;					
	bronze impeller; cast iron diffuser:					
	carbon steel shaft inside removable					
	leak-proof mechanical seal;					
	close-coupled with an A.O Smith motor					
	shaft sleeve of stainless steel,					
	HP:3, Pipe Tapping Size (Suction x Discharge): 2" x 1-1/2"					
	Motor Voltage: 230/460Volts,					
	Phase/Hz: Three(3)/60Hz, Max Load Amps: 8.6/4.3A					
	Related to deliver: 80GPm against 100ft. TDH					
	CPS triplex Controls		1.00	unit		
	Triplex Controller for " AERMOTOR" (USA) SPCH					
	Series Self-Priming Centrifugal Pump					
	Model SPCH-3-300					
	SP 1 & 2		2.00	pcs		
	Duplex Controller for Sump Pump		1.00	unit		
	hydromatic S4S500M4-4 Non-clog					
	pump 5 Hp 230V/460V					
	Hydromatic S4S500M4-4 Non-clog		2.00	pcs		
	Pump 5Hp 230V/460V					
	Duplex Controller for Sump Pump		1.00	unit		
	Hydromatic S4S500M4-4 Non-clog					
	Pump 5Hp 230V/460V					
	Hydromatic S4S500M4-4 Non-clog		2.00	pcs		
	Pump 5 Hp 230V/460V					
	Duplex Controller For Sump Pump					
	Hydromatic S4S500M4-4 Non-clog		1.00	unit		
	Pump 5Hp 230V/460V					
	EP-1 Hydromatic USA Submersible Sanitary Equipment Pump		2.00	units		
	Sewage Eljector Pump					
	Application: Commercial Sewage,					
	Residential Sewage, High-Capacity					
	Sump, Septic Tank Effluent					
	Features: Cast iron construction;					
	Non-clogging cast iron impeller;					
	Stainless steel shaft; carbon and					
	ceramic-faced mechanical shaft seal;					
	oil-filled motor; Automatic reset thermal					
	over load; water-resistant					
	power cord with molded plug;					
	Bottom-suction design' steel handle					
	Specifications:					
	HP:3/4, Full Load Amps: 9.0, Motor Tpye: split Phase					
	w/ thermal Oveload protection					
	RPM:170, Voltage: 230V 60Hz,					
	Capacity: 25 gpm @ 29ft; 50gpm					
	@ 26ft; 75 gpm @ 24ft; 100gpm					
	Solid Handling: 2" Spherical solid and lint,					
	Temperature: 140° F Ambient					
	Operation: Intermittent,					
	NEMA Design: A, Discharge: 2" NPT					
	power cord: 20', 16/3 STWA					

Name of Project : **PROPOSED EXPANSION W/ IMPROVEMENT WORKS AT PASIG CITY CHILDREN'S HOSPITAL**
Location : INDUSTRIA COR. ALCALDE JOSE STS., KAPASIGAN, PASIG CITY

ESTIMATED COST OF PROPOSED WORK:

ITEM NO.	DESCRIPTION	% WT	QUANTITY	UNIT	UNIT COST	AMOUNT
	TP From STP to NP "AERMOTOR" (USA) UL		2.00	Units		
	Llisted CT35 Series Centrifugal Pump					
	Model CT35-3-200					
	Duplex Controller for transfer 2hp, 3phase 60hz		1.00	unit		
	Duplex Controller Panel Submerssible Pump		1.00	unit		
	Installation Cost					
		2.97%				

100.00%