NAP - SUIA - 01-19

PHILIPPINE PORTS AUTHORITY

PORT MANAGEMENT OFFICE
SURIGAO

Surigao City

TABLE OF CONTENTS

PART I

Section I. Instructions to Bidders 3

Section II. Bid Data Sheet 30

Section III. General Conditions of Contract 36

Section IV. Special Conditions of Contract 69

Section V. Specifications 74

Section VI. Drawings 75

Section VII. Bill of Quantities 76

Section VIII. Forms and Qualification Information 79

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section of the Bidding Documents provides the information necessary for bidders to prepare responsive Bids, in accordance with the requirements of the Procuring Entity. It also provides information on the eligibility check, Bid submission, opening, and evaluation, and on the award of contract.

This Section contains provisions that are to be used unchanged. Section III Bid Data Sheets consists of provisions that supplement, amend, or specify in detail information or requirements included in this Section and which are specific to each procurement.

Matters governing the performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are not normally included in this section, but rather under Section IV General Condition of Contract (GCC), and/or Section V. Special Condition of Contract (SCC). If duplication of a subject is inevitable in the other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

TABLE OF CONTENTS

A. GENERAL 7

1. Scope of Bid 7
2. Source of Funds 7
3. Corrupt, Fraudulent, Collusive, and Coercive Practices 7
4. Conflict of Interest 8
5. Eligible Bidders 9
6. Bidder's Responsibilities 11
7. Origin of GOODS and Services 12
8. Subcontracts 13

B. CONTENTS OF BIDDING DOCUMENTS 13

9. Pre-Bid Conference 13
10. Clarification and Amendment of Bidding Documents 13

C. PREPARATION OF BIDS 14

11. Language of Bids 14
12. Documents Comprising the Bid: Eligibility and Technical Components 14
13. Documents Comprising the Bid: Financial Component 16
14. Alternative Bids 16
15. Bid Prices 17
16. Bid Currencies 17
17. Bid Validity 18
18. Bid Security 18
19. Format and Signing of Bids 19
20. Sealing and Marking of Bids 20

D. SUBMISSION AND OPENING OF BIDS 21

21. Deadline for Submission of Bids 21
22. Late Bids 21
23. Modification and Withdrawal of Bids 21
24. Opening and Preliminary Examination of Bids 22

E. EVALUATION AND COMPARISON OF BIDS 23

25. Process to be Confidential 23
26. Clarification of Bids 23
27. Detailed Evaluation and Comparison of Bids 23
28. Post Qualification 24

29. Reservation Clause 25

F. AWARD OF CONTRACT 27

30. Contract Award 27

31. Signing of the Contract 27

32. Performance Security 28

33. Notice to Proceed 29

A. General

1. Scope of Bid

1.1. The Procuring Entity as defined in the BDS, invites bids for the construction of Works, as described in Section VI. Specification. The name and identification number of the Contract is provided in the BDS.

1.2. The successful bidder will be expected to complete the Works by the intended completion date specified in SCC Clause 1.16.

2. Source of Funds

The Procuring Entity has a budget or has applied for or received funds from the Funding Source named in the BDS, and in the amount indicated in the BDS. It intends to apply part of the funds received for the Project, as defined in the BDS, to cover eligible payments under the Contract for the Works.

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

3.1. The Procuring Entity, as well as bidders and contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Funding Source:

(a) defines, for purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Procuring Entity, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019;

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after Bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition;

(iii) "collusive practices" means a scheme or arrangement between two or more bidders, with or without the knowledge of the

Procuring Entity, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract; and

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded Contract funded by the Funding Source if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing or, or in executing, a Contract funded by the Funding Source.

3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under the applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in ITB Clause 3.1(a).

3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a contractor in the bidding for and performance of a contract themselves or through independent auditors as reflected in the GCC Clause 34.

4. Conflict of Interest

4.1. All bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:

(a) A Bidder has controlling shareholders in common with another Bidder;

(b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;

(c) A Bidder has the same legal representative as that of another Bidder for purposes of this Bid;

(d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process. This will include a firm or an organization who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the

preparation related to procurement for or implementation of the project if the personnel would be involved in any capacity on the same project;

(e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;

(f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the goods and related services that are the subject of the bid; or

(g) A Bidder who lends, or temporary seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

4.2 In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the bidder, this Clause shall apply to the following persons:

(a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;

(b) If the Bidder is a partnership, to all its officers and members;

(c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders; and

(d) If the Bidder is a joint venture (JV), the provisions of items (a), (b), or (c) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

Relationship of the nature described above or failure to comply with this Clause will result in the automatic disqualification of a Bidder.

5. Eligible Bidders

5.1. Unless otherwise indicated in the BDS, the following persons shall be eligible to participate in this Bidding:

(a) Duly licensed Filipino citizens/sole proprietorships;

(b) Partnerships duly organized under the laws of the Philippines and of which at least seventy five percent (75%) of the interest belongs to citizens of the Philippines;

(c) Corporations duly organized under the laws of the Philippines, and of which at least seventy five percent (75%) of the outstanding capital stock belongs to citizens of the Philippines;

(d) Cooperatives duly organized under the laws of the Philippines, and of which at least seventy five percent (75%) of the interest belongs to citizens of the Philippines; and

(e) Persons/entities forming themselves into a JV, i.e., a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that, in accordance with Letter of Instructions No. 630, Filipino ownership or interest of the joint venture concerned shall be at least seventy five percent (75%): Provided, further, that joint ventures in which Filipino ownership or interest is less than seventy five percent (75%) may be eligible where the structures to be built require the application of techniques and/or technologies which are not adequately possessed by a person/entity meeting the seventy five percent (75%) Filipino ownership requirement: Provided, finally, that in the latter case, Filipino ownership or interest shall not be less than twenty five percent (25%). For this purpose Filipino ownership or interest shall be based on the contributions of each of the members of the joint venture as specified in their JVA.

5.2. The Procuring Entity may also invite foreign bidders when provided for under any Treaty or International or Executive Agreement as specified in the BDS.

5.3. Government Corporate Entities may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not dependent agencies of the GOP or the Procuring Entity.

5.4. Unless otherwise provided in the BDS, the Bidder must have completed at least one contract similar to the Project the value of which, adjusted to current prices using the National Statistics Office consumer price index, must be at least equivalent to a percentage of the ABC stated in the BDS.

For this purpose, contracts similar to the Project shall be those described in the BDS, and completed within the period stated in the Invitation to Bid and ITB Clause 12.1(a)(iii).

5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, calculated 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 submitted to the BIR.

For purposes of computing the foreign bidders' NFCC, the value of the current prepared in accordance with international financial reporting standards.

If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.

6. Bidder's Responsibilities

6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section IX as required in ITB Clause 12.1(b)(iii).

The Bidder is responsible for the following:

(a) Having taken steps to carefully examine all of the Bidding Documents;

(b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;

(c) Having made an estimate of the facilities available and needed for the contract to be bid, if any; and

(d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin/s as provided under ITB Clause 10.3.

(e) Ensuring that it is not "blacklisted" or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;

(f) Ensuring that each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

(g) Authorizing the Head of the Procuring Entity or its duly authorized representative/s to verify all the documents submitted;

(h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture;

(i) Complying with the disclosure provision under Section 47 of the Act in relation to other provisions of Republic Act 3019; and

(j) Complying with existing labor laws and standards, if applicable.

Failure to observe any of the above responsibilities shall be at the risk of the Bidder concerned.

6.3. The Bidder, by the act of submitting its bid, shall be deemed to have inspected the site and determined the general characteristics of the contract works and the conditions for this Project. Unless otherwise indicated in the BDS, failure to furnish all information or documentation required in this Bidding Documents shall result in the rejection of the bid and the disqualification of the Bidder.

6.4. It shall be the sole responsibility of the prospective bidder to determine and to satisfy itself by such means as it considers necessary or desirable as to all matters pertaining to this Project, including: (a) the location and the nature of the contract, project, or 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.

6.5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity.

6.6. Before submitting their bids, the Bidders are deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect the contract in any way.

6.7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

6.8. Bidders should note that the Procuring Entity will only accept bids only from those that have paid the nonrefundable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of GOODS and Services

Unless otherwise indicated in the BDS, there is no restriction on the origin of Goods, or Contracting of Works or Services other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations.

8. Subcontracts

8.1. Unless otherwise specified in the BDS, the Bidder may subcontract portions of the Works to an extent as may be approved by the Procuring Entity and stated in the BDS. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.

8.2. Subcontractors must submit the documentary requirements under ITB Clause 12 and comply with the eligibility criteria specified in the BDS. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Works shall be disallowed.

8.3. The Bidder may identify the subcontractor to whom a portion of the Works will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

B. Contents of Bidding Documents

9. Pre-Bid Conference

9.1. If so specified in the BDS, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.

9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents discussed during the pre-bid conference.

9.3. Any statement made at the pre-bid conference shall not modify the terms of the bidding documents unless such statement is specifically identified in writing as an amendment thereto and issued as a Supplemental/Bid Bulletin.

10. Clarification and Amendment of Bidding Documents

10.1. Bidders who have purchased the Bidding Documents may request for clarification(s) on any part of the Bidding Documents or for an interpretation. Such a request must be in writing and submitted to the Procuring Entity at the address indicated in the BDS at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10.2. Supplemental/Bid Bulletins may be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.

10.3 Any Supplemental/Bid Bulletin issued by the BAC shall also be posted on the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity concerned, if available. It shall be the responsibility of all Bidders who secure the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with ITB Clause 23.

C. Preparation of Bids

11. Language of Bids

The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Entity, shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in English certified by the appropriate embassy or consulate in the Philippines, in which case the English translation shall govern, for purposes of interpretation of the Bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

12.1. Unless otherwise indicated in the BDS, the first envelope shall contain the following eligibility and technical documents:

(a) Eligibility Documents –

Class "A" Documents:

(i) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the BDS;

(ii) Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located;

(iii) Valid Tax Clearance;

(iv) Statement of all its ongoing and completed government and private contracts including contracts awarded but not yet started, if any. The statement shall include, for each contract, the following: (Form # 1-3)

(iv.1) name of the contract;

(iv.2) date of the contract;

(iv.3) contract duration;

(iv.4) owner's name and address;

(iv.5) nature of work;

(iv.6) contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation;

(iv.7) total contract value at award;

(iv.8) date of completion or estimated completion time;

(iv.9) total contract value at completion, if applicable;

(iv.10) percentages of planned and actual accomplishments, if applicable;

(iv.11) value of outstanding works, if applicable;

(iv.12) the statement shall be supported by the notices of award and/or notices to proceed issued by the owners; and

(iv.13) the statement shall be supported by the Constructors Performance Evaluation System (CPES) rating sheets, and/or certificates of completion and owner's acceptance, if applicable;

(v) Unless otherwise provided in the BDS, valid Philippine Contractors Accreditation Board (PCAB) license and registration for the type and cost of the contract for this Project;

(vi) Audited financial statements, showing, among others, the prospective 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;

(vii) NFCC computation (Form # 4); and

Class "B" Document:

(viii) If applicable, valid Joint Venture Agreement (JVA) or, in lieu thereof, 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 shall be included in the bid.

(b) Technical Documents –

(i) Bid security as prescribed in ITB Clause 18. If the Bidder opts to submit the bid security in the form of:

(i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or

(i.2) a surety bond accompanied by a certification coming from an authorized Insurance Commission that a surety or insurance company is authorized to issue such instrument;

(i.3) Bid Securing Declaration

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

(ii.1) Organizational chart for the contract to be bid;

(ii.2) List of contractor's personnel (*viz*, project Manager, Project Engineers, Materials Engineers, Construction Safety and Health Officer and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data and valid Professional Tax Receipt (PTR) (Form # 6); and

(ii.3) List of contractor's equipment units, which are owned, and/or under purchase agreements, supported by certification of availability of equipment from the equipment vendor for the duration of the project (Form # 7); and

(iii) Sworn statement in accordance with Section 25.2(b)(iv) of the IRR of RA 9184 (Form # 8)

13. Documents Comprising the Bid: Financial Component

13.1. Unless otherwise stated in the BDS, the financial component of the bid shall contain the following:

(a) Financial Bid Form in accordance with the form prescribed in Section VIII Forms & Qualification Information (Form #9).

(b) Any other document required in the BDS.

13.2. Unless indicated in the BDS, all Bids that exceed the ABC shall not be accepted.

14. Alternative Bids

14.1. Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.

14.2. 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.

14.3. Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

15. Bid Prices

15.1. The contract shall be for the whole Works, as described in ITB Clause 1.1, based on the priced Bill of Quantities submitted by the Bidder.

15.2. The Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered for free to the Government.

15.3. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, prior to the deadline for submission of bids, shall be included in the rates, prices, and total bid price submitted by the Bidder.

15.4. Unless otherwise provided in the BDS, all bid prices for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as indicated in the BDS and specified in GCC Clause 48 and its corresponding SCC provision.

16. Bid Currencies

16.1. All bid prices shall be quoted in Philippine Pesos unless otherwise provided in the BDS. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate prevailing on the day of the Bid opening.

16.2. If so allowed in accordance with ITB Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

16.3. Unless otherwise specified in the BDS, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

17.1. Bids shall remain valid for the period specified in the BDS which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.

17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in ITB Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

18.1. The bid security, issued in favor of the Procuring Entity, in the amount stated in the BDS shall be equal to the percentage of the ABC in accordance with the following schedule:

<table>
<tr><th>Form of Bid Security</th><th>Amount of Bid Security
(Equal to Percentage of the ABC)</th></tr>
<tr><td>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</td><td rowspan="2">Two percent (2%)</td></tr>
<tr><td>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</td></tr>
<tr><td>(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security; and/or</td><td>Five percent (5%)</td></tr>
<tr><td>(d) Any combination of the foregoing.</td><td>Proportionate to share of form with respect to total amount of security</td></tr>
<tr><td>(e) Bid Securing Declaration (Form 10)</td><td>None</td></tr>
</table>

For biddings conducted by local government units, the Bidder may also submit bid securities in the form of cashier's/manager's check, bank draft/guarantee, or irrevocable letter of credit from other banks certified by the BSP as authorized to issue such financial statement.

18.2. The bid security should be valid for the period specified in the BDS. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

18.3. No bid securities shall be returned to bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a motion for reconsideration and/or protest. Without prejudice on its forfeiture, Bid Securities shall be returned only after the bidder with the Lowest Calculated Responsive Bid has signed the contract and furnished the Performance Security, but in no case later than the expiration of the Bid Security validity period indicated in ITB Clause 18.2.

18.4. Upon signing and execution of the contract, pursuant to ITB Clause 31, and the posting of the performance security, pursuant to ITB Clause 32, the successful Bidder's Bid security will be discharged, but in no case later than the Bid security validity period as indicated in ITB Clause 18.2.

18.5. The bid security may be forfeited:

(a) if a Bidder:

(i) withdraws its bid during the period of bid validity specified in ITB Clause 17;

(ii) does not accept the correction of errors pursuant to ITB Clause 27.30;

(iii) fails to submit the requirements within the prescribed period, or a finding against their veracity, as stated in ITB Clause 28.2; or

(iv) any other reason stated in the BDS.

(b) if the successful Bidder:

(i) fails to sign the contract in accordance with ITB Clause 31;

(ii) fails to furnish performance security in accordance with ITB Clause 32; or

(iii) any other reason stated in the BDS.

19. Format and Signing of Bids

19.1. Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in Section IX Bidding Forms on or before the deadline specified in the ITB Clause 21 in two (2) separate sealed

bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under ITB Clause 12.1, and the second shall contain the financial component of the bid.

19.2. Forms as mentioned in ITB Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.

19.3. The Bidder shall prepare an original of the first and second envelopes as described in ITB Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.

19.4. The bid, except for unamended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.

19.5. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

20. Sealing and Marking of Bids

20.1. Unless otherwise indicated in the BDS, Bidders shall enclose their original eligibility and technical documents described in ITB Clause 12, in one sealed envelope marked "ORIGINAL - TECHNICAL COMPONENT", and the original of their financial component in another sealed envelope marked "ORIGINAL - FINANCIAL COMPONENT", sealing them all in an outer envelope marked "ORIGINAL BID".

20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as "COPY NO. ___ - TECHNICAL COMPONENT" and "COPY NO. ___ – FINANCIAL COMPONENT" and the outer envelope as "COPY NO. ___", respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.

20.3. The original and the number of copies of the Bid as indicated in the BDS shall be typed or written in indelible ink and shall be signed by the bidder or its duly authorized representative/s.

20.4. All envelopes shall:

(a) contain the name of the contract to be bid in capital letters;

(b) bear the name and address of the Bidder in capital letters;

(c) be addressed to the Procuring Entity's BAC identified in ITB Clause 10.1;

(d) bear the specific identification of this bidding process indicated in the Invitation to Bid; and

(e) bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with ITB Clause 21.

If bids are not sealed and marked as required, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the bid.

D. Submission and Opening of Bids

21. Deadline for Submission of Bids

Bids must be received by the Procuring Entity's BAC at the address and on or before the date and time indicated in the BDS.

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to ITB Clause 21, shall be declared "Late" and shall not be accepted by the Procuring Entity.

23. Modification and Withdrawal of Bids

23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed, properly identified, linked to its original bid marked as "TECHNICAL MODIFICATION" or "FINANCIAL MODIFICATION" and stamped "received" by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.

23.2. A Bidder may, through a letter of withdrawal, withdraw its bid after it has been submitted, for valid and justifiable reason; provided that the letter of withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids.

23.3. Bids requested to be withdrawn in accordance with ITB Clause 23.1 shall be returned unopened to the Bidders. A Bidder may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.

23.4. No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder's bid security, pursuant to ITB Clause 18.5, and the imposition of administrative, civil, and criminal sanctions as prescribed by RA 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

24.1. The BAC shall open the first bid envelopes of Bidders in public as specified in the BDS to determine each Bidder's compliance with the documents prescribed in ITB Clause 12. For this purpose, the BAC shall check the submitted documents of each bidder against a checklist of required documents to ascertain if they are all present, using a non-discretionary "pass/fail" criterion. If a bidder submits the required document, it shall be rated "passed" for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as "failed". Otherwise, the BAC shall rate the said first bid envelope as "passed".

24.2. Immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated "passed". The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in ITB Clause 13.2, the BAC shall rate the bid concerned as "failed". Only bids that are determined to contain all the bid requirements for both components shall be rated "passed" and shall immediately be considered for evaluation and comparison.

24.3. Letters of withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened. If the withdrawing Bidder's representative is in attendance, the original bid and all copies thereof shall be returned to the representative during the bid opening. If the representative is not in attendance, the Bid shall be returned unopened by registered mail. The Bidder may withdraw its bid prior to the deadline for the submission and receipt of bids, provided that the corresponding letter of withdrawal contains a valid authorization requesting for such withdrawal, subject to appropriate administrative sanctions.

24.4. If a Bidder has previously secured a certification from the Procuring Entity to the effect that it has previously submitted the above-enumerated Class "A" Documents, the said certification may be submitted in lieu of the requirements enumerated in ITB Clause 12.1(a), items (i) to (vi).

24.5. In the case of an eligible foreign Bidder as described in ITB Clause 5, the Class "A" Documents enumerated in ITB Clause 12.1(a) may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned.

24.6. Each partner of a joint venture agreement shall likewise submit the documents required in ITB Clauses 12.1(a)(i) and 12.1(a)(ii). Submission of documents required under ITB Clauses 12.1(a)(iii) to 12.1(a)(vi) by any of the joint venture partners constitutes compliance.

24.7. A Bidder determined as "failed" has three (3) calendar days upon written notice or, if present at the time of bid opening, upon verbal notification within which to file a request for reconsideration with the BAC: Provided, however, that the request for reconsideration shall not be granted if it is established that the finding of failure is due to the fault of the Bidder concerned: Provided, further, that the BAC shall decide on the request for reconsideration within seven (7) calendar days from receipt thereof. If a failed Bidder signifies his intent to file a request for reconsideration, the BAC shall keep the bid envelopes of the said failed Bidder unopened and/or duly sealed until such time that the request for reconsideration or protest has been resolved.

E. Evaluation and Comparison of Bids

25. Process to be Confidential

25.1. Members of the BAC, including its staff and personnel, as well as its Secretariat and TWG, are prohibited from making or accepting any kind of communication with any bidder regarding the evaluation of their bids until the issuance of the Notice of Award, unless otherwise allowed in the BDS or in the case of ITB Clause 26.

25.2. Any effort by a bidder to influence the Procuring Entity in the Procuring Entity's decision in respect of Bid evaluation, Bid comparison or contract award will result in the rejection of the Bidder's Bid.

26. Clarification of Bids

To assist in the evaluation, comparison and post-qualification of the bids, the Procuring Entity may ask in writing any Bidder for a clarification of its bid. All responses to requests for clarification shall be in writing. Any clarification submitted by a Bidder in respect to its bid and that is not in response to a request by the Procuring Entity shall not be considered

27. Detailed Evaluation and Comparison of Bids

27.1. The Procuring Entity will undertake the detailed evaluation and comparison of Bids which have passed the opening and preliminary examination of Bids, pursuant to ITB Clause 24, in order to determine the Lowest Calculated Bid.

27.2. In evaluating the Bids to get the Lowest Calculated Bid, the Procuring Entity shall undertake the following:

(a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and

(b) The ranking of the total bid prices as so calculated from the lowest to highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.

27.3. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary "pass/fail" criterion. Unless otherwise specified in the BDS, the BAC shall consider the following in the evaluation of bids:

(a) Completeness of the bid. Unless the ITB specifically allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered for free to the Procuring Entity; and

(b) Arithmetical corrections. Consider computational errors, omissions, and other bid modifications, if allowed in the BDS, to enable proper comparison of all eligible bids. Any adjustment shall be calculated in monetary terms to determine the calculated prices.

27.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered.

27.5. Unless otherwise indicated in the BDS, the Procuring Entity's evaluation of bids shall only be based on the bid price quoted in the Financial Bid Form

27.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.

28. Post Qualification

28.1. The Procuring Entity shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid (LCB) complies with and is responsive to all the requirements and conditions specified in ITB Clauses 5, 12, and 13.

28.2. Within a non-extendible period of three (3) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the LCB, the Bidder shall submit the following documentary requirements:

(a) Tax clearance per Executive Order 398, Series of 2005;

(b) Latest income and business tax returns in the form specified in the BDS;

(c) Certificate of PhilGEPS Registration; and

(d) Other appropriate licenses and permits required by law and stated in the BDS.

Failure of the Bidder declared as LCB to duly submit the requirements under this Clause or a finding against the veracity of such, shall be ground for forfeiture of the bid security and disqualification of the Bidder for award.

28.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to ITB Clauses 12 and 0, as well as other information as the Procuring Entity deems necessary and appropriate, using a non-discretionary "pass/fail" criterion.

28.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the Lowest Calculated Responsive Bid, and recommend to the Head of the Procuring Entity the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower, subject to ITB Clause 30.3.

28.5. A negative determination shall result in rejection of the Bidder's Bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid to make a similar determination of that Bidder's capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next Lowest Calculated Bid, and so on until the Lowest Calculated and Responsive Bid is determined for contract award.

28.6. Within a period not exceeding seven (7) calendar days from the date of receipt of the recommendation of the BAC, the Head of the Procuring Entity shall approve or disapprove the said recommendation. In the case of government owned and government-owned and/or -controlled corporations (GOCCs) and government financial institutions (GFIs), the period provided herein shall be fifteen (15) calendar days.

29. Reservation Clause

29.1. Notwithstanding the eligibility or post-qualification of a bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid

evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.

29.2. Based on the following grounds, the Procuring Entity reserves the right to reject any and all Bids, declare a Failure of Bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any liability, and make no assurance that a contract shall be entered into as a result of the bidding:

(a) if there is *prima facie* evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the bidders, or if the collusion is between or among the bidders themselves, or between a bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;

(b) if the Procuring Entity's BAC is found to have failed in following the prescribed bidding procedures; or

(c) for any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the Government as follows:

(i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the head of the procuring entity;

(ii) If the project is no longer necessary as determined by the head of the procuring entity; and

(iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.

29.3. In addition, the Procuring Entity may likewise declare a failure of bidding when:

(a) No bids are received;

(b) All prospective bidders are declared ineligible;

(c) All bids fail to comply with all the bid requirements or fail post-qualification; or

(d) The bidder with the Lowest Calculated Responsive Bid refuses, without justifiable cause to accept the award of contract, and no award is made

(e) .

F. Award of Contract

30. Contract Award

30.1. Subject to ITB Clause 28, the Procuring Entity shall award the contract to the Bidder whose Bid has been determined to be the Lowest Calculated and Responsive Bid (LCRB).

30.2. Prior to the expiration of the period of Bid validity, the Procuring Entity shall notify the successful Bidder in writing that its Bid has been accepted, through a Notice of Award received personally or sent by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.

30.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:

(a) Submission of the following documents within the prescribed period from receipt by the Bidder of the notice that it has the Lowest Calculated and Responsive Bid:

(i) Valid JVA, if applicable, within ten (10) calendar days;

(ii) Valid PCAB license and registration for the type and cost of the contract to be bid for foreign bidders, within thirty (30) calendar days, if allowed under a Treaty or International or Executive Agreement mentioned in ITB Clause 12.1(a)(iv);

(b) Posting of the performance security in accordance with ITB Clause 32;

(c) Signing of the contract as provided in ITB Clause 31; and

(d) Approval by higher authority, if required.

31. Signing of the Contract

31.1. At the same time as the Procuring Entity notifies the successful Bidder that its Bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which Contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.

31.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security, sign and date the contract and return it to the Procuring Entity.

31.3. The Procuring Entity shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.

31.4. The following documents shall form part of the contract:

(a) Contract Agreement;

(b) Bidding Documents;

(c) Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted;

(d) Performance Security;

(e) Credit line in accordance with ITB Clause 5.5, if applicable;

(f) Notice of Award of Contract; and

(g) Other contract documents that may be required by existing laws and/or specified in the BDS.

32. Performance Security

32.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.

32.2. The performance security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount equal to the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Ten percent (10%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance	Thirty percent (30%)

Commission as authorized to issue such security; and/or	
(d) Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security

32.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until the Lowest Calculated and Responsive Bid is identified and selected for contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement.

33. Notice to Proceed

33.1. Within three (3) calendar days from the date of approval of the Contract by the appropriate government approving authority, the Procuring Entity shall issue its Notice to Proceed to the Bidder.

33.2. The date of the Bidder's receipt of the Notice to Proceed will be regarded as the effective date of the Contract, unless otherwise specified in the BDS.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

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, the applicable rules regarding Bid price and currency, and the Bid evaluation criteria that will apply to the Bids. In preparing this Section, the following aspects should be checked:

(a) Information that specifies and complements provisions of *Section II. Instructions to Bidders* must be incorporated.

(b) Amendments and/or supplements, if any, to provisions of *Section II. Instructions to Bidders* as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause	
1.1	The PROCURING ENTITY is PHILIPPINE PORTS AUTHORITY (PPA) The name of the *Contract is* ***Repair of Gate No. 5 Along P. Reyes Street, Port of Surigao, Surigao City*** The identification number of the Contract is ***NRP-SUR-01-19***
2	The Funding Source is: *The Government of the Philippines (GOP) through PPA CY-2019 R/M Funds in the amount of* ***Seven Million Eight Hundred Twenty Two Thousand Four Hundred Seventy Six Pesos (Php7,822,476.00).*** ***NOTE:*** *In the case of National Government Agencies, the General Appropriations Act and/or continuing appropriations; in the case of Government-Owned and/or –Controlled Corporations, Government Financial Institutions, and State Universities and Colleges, the Corporate Budget for the contract approved by the governing Boards; in the case of Local Government Units, the Budget for the contract approved by the respective Sanggunian.*
5.1	No further instructions.
5.2	Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.
5.4	The prospective bidder must have an experience of having completed at least one (1) contract that is similar to the contract to be bid, and whose value, adjusted to current prices using the NSO consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: *Provided, however*, That 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 fifty percent (50%) of the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.
5.5	No further instructions.
6.3	No further instructions.
7	No further instructions.
8.1	"Subcontracting is not allowed."

8.2	*If subcontracting is allowed, specify the eligibility criteria that subcontractors must comply with; otherwise, state* "Not applicable".
9.1	The Procuring Entity will hold a pre-bid conference for this Project on ***August 20, 2019 @ 10:00AM at PPA Conference Room*** *Philippine Ports Authority, PMO-Surigao, Port Area, Surigao City.*
10.1	The Procuring Entity's address is: *PPA, PMO-Surigao, Port Area,8400 Surigao City* *Roldan G. Calejesan, Attorney IV, BAC Chairperson* *Tel/Fax Nos.:(086)8265589/8265233/8262015* *E-mail:* ***pmosurigao@yahoo.com***
12.1	*If the Funding Source is the GOP:* The first envelope shall contain the eligibility and technical documents stated in the ITB Clause. However, if the Bidder maintains a current and updated file of its Class "A" Documents with the Procuring Entity, a certification to that effect issued by its BAC may be submitted in lieu of the Class "A" Documents. *Or, if the Procuring Entity maintains a registry system using the PhilGEPS or its own electronic system:* The first envelope shall contain the eligibility and technical documents stated in the ITB Clause. However, if the Bidder maintains a current and updated file of his Class "A" Documents with the Procuring Entity, a written letter of intent may be submitted in lieu of the Class "A" Documents; otherwise, it shall submit an application for eligibility and its latest Class"A" Documents on or before ***9:00AM Sept. 2, 2019***. Any application for eligibility or updates submitted after the deadline for the submission of the letter of intent shall not be considered for the bidding at hand.
12.1(a)(i)	*List any additional acceptable proof of registration mentioned in the ITB Clause or state* "No other acceptable proof of registration is recognized."
12.1(a)(iv)	No further instructions.
12.1(a)(v)	**Small "B" – Port, Harbor and Offshore Engineering**
13.1	1.Detailed Estimates (duly signed) including Summary Sheet indicating the unit prices of construction materials, labor rates and rentals used in coming up with the bid. 2.Cash Flow By Quarter and payment schedule (duly signed)
13.2	The ABC is ***Seven Million Eight Hundred Twenty Two Thousand Four Hundred Seventy Six Pesos (Php7,822,476.00).*** Any bid with a financial component exceeding this amount shall not be accepted.
14.2	No further instructions.
15.4	Bid Prices shall be fixed. Adjustable price proposals shall be treated as

	non-responsive and shall be rejected. Price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon the recommendation of the Procuring Entity.
16.1	The bid prices shall be quoted in Philippine Pesos.
16.3	No further instructions.
17.1	Bids will be valid until 120 Calendar Days.
18.1	The bid security shall be in the following amount: 1. *[Insert 2% of ABC]*, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; ***Php156,449.52.*** 2. *[Insert 5% of ABC]* if bid security is in Surety Bond; ***P391,123.80*** or 3. Any combination of the foregoing proportionate to the share of form with respect to total amount of security. 4. Bid Securing Declaration
18.2	The bid security shall be valid until 120 Calendar Days.
18.5(a)(iv)	1. Submission of eligibility requirements containing false information or falsified documents. 2. Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding. 3. Allowing the use of one's name, or using the name of another for purposes of public bidding. 4. Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid. 5. Refusal or failure to post the required performance security within the prescribed time. 6. Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification. 7. Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor. 8. Failure of the potential joint venture partners to enter into the joint

	venture after the bid is declared as successful. 9. All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
18.5(b)(iii)	No further instructions.
20.1	No further instructions.
20.3	Each Bidder shall submit one *[1]* original and five *[5]* copies of the first and second components of its bid.
21	The address for submission of bids is *Philippine Ports Authority, PMO-Surigao, Port Area,8400 Surigao City* The deadline for submission of bids is ***September 2, 2019 @ 9:00am***
24.1	The place of bid opening is *Philippine Ports Authority PMO-Surigao, Port Area, 8400 Surigao City* The date and time of bid opening is ***September 2, 2019 @ 9:30am***
25.1	No further instructions.
27.3	No further instructions.
27.3(b)	*Bid modification is not allowed.*
27.5	No further instructions.
(b)(b)	*Manually filed tax returns or tax returns filed through the Electronic Filing and Payments System (EFPS), shall be accepted.* *NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.*
(b)(d)	*List licenses and permits relevant to the Project and the corresponding law requiring it.*
31.4(g)	*List additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the Department of Labor and Employment, and PERT/CPM.*
33.2	The effective date of the Contract is _____, ***2019***.

Section III. General Conditions of Contract

TABLE OF CONTENTS

1.	Definitions	39
2.	Interpretation	41
3.	Governing Language and Law	42
4.	Communications	42
5.	Possession of Site	42
6.	The Contractor's Obligations	43
7.	Performance Security	44
8.	Sub-Contracting	44
9.	Liquidated Damages	45
10.	Site Investigation Reports	45
11.	The PROCURING ENTITY, Licenses and Permits	45
12.	Contractor's Risk and Warranty Security	45
13.	PROCURING ENTITY's Risk	47
14.	Insurance	48
15.	Termination for Default of Contractor	49
16.	Termination for Default of PROCURING ENTITY	50
17.	Termination for Other Causes	50
18.	Procedures for Termination of Contracts	52
19.	Force Majeure, Release From Performance	53
20.	Resolution of Disputes	54
21.	Suspension of Loan, Credit, Grant, or Appropriation	55
22.	PROCURING ENTITY's Representative's Decisions	55
23.	Approval of Drawings and Temporary Works by the PROCURING ENTITY's Representative	55
24.	Acceleration and Delays Ordered by the PROCURING ENTITY's Representative	56
25.	Extension of the Intended Completion Date	56

26.	Right to Vary	56
27.	Contractors Right to Claim	57
28.	Dayworks	57
29.	Early Warning	57
30.	Program of Work	57
31.	Management Conferences	58
32.	Bill of Quantities	59
33.	Instructions, Inspections and Audits	59
34.	Identifying Defects	59
35.	Cost of Repairs	60
36.	Correction of Defects	60
37.	Uncorrected Defects	60
38.	Advance Payment	61
39.	Progress Payments	61
40.	Payment Certificates	62
41.	Retention	62
42.	Variation Orders	63
43.	Contract Completion	64
44.	Suspension of Work	65
45.	Payment on Termination	66
46.	Extension of Contract Time	66
47.	Price Adjustment	67
48.	Completion	68
49.	Taking Over	68
50.	Operating and Maintenance Manuals	68

1. Definitions

1.1. For purposes of this Clause, boldface type is used to identify defined terms.

1.2. The Arbiter is the person appointed jointly by the PROCURING ENTITY and the Contractor to resolve disputes in the first instance, as provided for in GCC Clause 20.

1.3. Bill of Quantities refers to a list of the specific items of the Work and their corresponding unit prices, lump sums, and/or provisional sums.

1.4. The Completion Date is the date of completion of the Works as certified by the PROCURING ENTITY's Representative, in accordance with GCC Clause 48.

1.5. The Contract is the contract between the PROCURING ENTITY and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Clause 2.3.

1.6. The Contract Price is the price stated in the Letter of Acceptance and thereafter to be paid by the PROCURING ENTITY to the Contractor for the execution of the Works in accordance with this Contract.

1.7. Contract Time Extension is the allowable period for the Contractor to complete the Works in addition to the original Completion Date stated in this Contract.

1.8. The Contractor is the juridical entity whose proposal has been accepted by the PROCURING ENTITY and to whom the Contract to execute the Work was awarded.

1.9. The Contractor's Bid is the signed offer or proposal submitted by the Contractor to the PROCURING ENTITY in response to the Bidding Documents.

1.10. Days are calendar days; months are calendar months.

1.11. Dayworks are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.

1.12. A Defect is any part of the Works not completed in accordance with the Contract.

1.13. The Defects Liability Certificate is the certificate issued by PROCURING ENTITY's Representative upon correction of defects by the Contractor.

1.14. The Defects Liability Period is the one year period between project completion and final acceptance within which the Contractor assumes the responsibility to undertake the repair of any damage to the Works at his own expense.

1.15. Drawings are graphical presentations of the Works. They include all supplementary details, shop drawings, calculations, and other information provided or approved for the execution of this Contract.

1.16. Equipment refers to all facilities, supplies, appliances, materials or things required for the execution and completion of the Work provided by the Contractor and which shall not form or are not intended to form part of the Permanent Works.

1.17. The Intended Completion Date refers to the date specified in the SCC when the Contractor is expected to have completed the Works. The Intended Completion Date may be revised only by the PROCURING ENTITY's Representative by issuing an extension of time or an acceleration order.

1.18. Materials are all supplies, including consumables, used by the Contractor for incorporation in the Works.

1.19. The Notice to Proceed is a written notice issued by the PROCURING ENTITY or the PROCURING ENTITY's Representative to the Contractor requiring the latter to begin the commencement of the work not later than a specified or determinable date.

1.20. Permanent Works all permanent structures and all other project features and facilities required to be constructed and completed in accordance with this Contract which shall be delivered to the PROCURING ENTITY and which shall remain at the Site after the removal of all Temporary Works.

1.21. Plant refers to the machinery, apparatus, and the like intended to form an integral part of the Permanent Works.

1.22. The PROCURING ENTITY is the party who employs the Contractor to carry out the Works stated in the SCC.

1.23. The PROCURING ENTITY's Representative refers to the Head of the PROCURING ENTITY or his duly authorized representative, identified in the SCC, who shall be responsible for supervising the execution of the Works and administering this Contract.

1.24. The Site is the place provided by the PROCURING ENTITY where the Works shall be executed and any other place or places which may be designated in the SCC, or notified to the Contractor by the PROCURING ENTITY's Representative as forming part of the Site.

1.25. Site Investigation Reports are those that were included in the Bidding Documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

1.26. Slippage is a delay in work execution occurring when actual accomplishment falls below the target as measured by the difference between the scheduled and actual accomplishment of the Work by the Contractor as established from the work schedule. This is actually described as a percentage of the whole Works.

1.27. Specifications means the description of Works to be done and the qualities of materials to be used, the equipment to be installed and the mode of construction.

1.28. The Start Date, as specified in the SCC, is the date when the Contractor is obliged to commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

1.29. A Subcontractor is any person or organization to whom a part of the Works has been subcontracted by the Contractor, as allowed by the PROCURING ENTITY, but not any assignee of such person.

1.30. Temporary Works are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Permanent Works.

1.31. Work(s) refer to the Permanent Works and Temporary Works to be executed by the Contractor in accordance with this Contract, including (i) the furnishing of all labor, materials, equipment and others incidental, necessary or convenient to the complete execution of the Works; (ii) the passing of any tests before acceptance by the PROCURING ENTITY's Representative; (iii) and the carrying out of all duties and obligations of the Contractor imposed by this Contract as described in the SCC.

2. Interpretation

2.1. In interpreting the Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of this Contract unless specifically defined. The PROCURING ENTITY's Representative will provide instructions clarifying queries about the Conditions of Contract.

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

2.3. The documents forming this Contract shall be interpreted in the following order of priority:

(a) Contract Agreement;

(b) Instructions to Bidders;

(c) Addenda to the Bidding Documents;

(d) Specifications;

(e) Drawings;

(f) Special Conditions of Contract;

(g) General Conditions of Contract; and

(h) Any other document listed in the SCC as forming part of this Contract.

3. Governing Language and Law

3.1. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract which are exchanged by the parties shall be written in English.

3.2. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

4. Communications

4.1. Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is received by the concerned party.

5. Possession of Site

5.1. On the date specified in the SCC, the PROCURING ENTITY shall grant the Contractor possession of so much of the Site as may be required to enable it to proceed with 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.

5.2. If possession of a portion is not given by the date stated in the SCC Clause 5.1, the PROCURING ENTITY will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contact time to address such delay shall be in accordance with GCC Clause 46.

5.3. The Contractor shall bear all costs and charges for special or temporary right-of-way required by it in connection with access to the Site. The Contractor shall also provide at his own cost any additional facilities outside the Site required by it for purposes of the Works.

5.4. The Contractor shall allow the PROCURING ENTITY's Representative and any person authorized by the PROCURING ENTITY's Representative access to the Site and to any place where work in connection with this Contract is being carried out or is intended to be carried out.

6. The Contractor's Obligations

6.1. The Contractor shall carry out the Works properly and in accordance with this Contract. The Contractor shall provide all supervision, labor, Materials, Plant and Contractor's Equipment, which may be required. All Materials and Plant on Site shall be deemed to be the property of the PROCURING ENTITY.

6.2. The Contractor shall commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program of Work submitted by the Contractor, as updated with the approval of the PROCURING ENTITY's Representative, and complete them by the Intended Completion Date.

6.3. The Contractor shall be responsible for the safety of all activities on the Site.

6.4. The Contractor shall carry out all instructions of the PROCURING ENTITY's Representative that comply with the applicable laws where the Site is located.

6.5. The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the SCC, 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.

6.6. If the PROCURING ENTITY's Representative asks the Contractor to remove a member of the Contractor's staff or work force, for justifiable cause, the Contractor shall ensure that the person leaves the Site within seven (7) days and has no further connection with the Work in this Contract.

6.7. During Contract implementation, the Contractor and his subcontractors shall abide at all times by all labor laws, including child labor related enactments, and other relevant rules.

6.8. The Contractor shall submit to the PROCURING ENTITY for consent the name and particulars of the person authorized to receive instructions on behalf of the Contractor.

6.9. The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the PROCURING ENTITY between the dates given in the schedule of other contractors particularly when they shall require access to the Site. The Contractor shall also provide facilities and services for them during this period. The PROCURING ENTITY may modify the schedule of other contractors, and shall notify the Contractor of any such modification thereto.

6.10. Should anything of historical or other interest or of significant value be unexpectedly discovered on the Site, it shall be the property of the PROCURING ENTITY. The Contractor shall notify the PROCURING ENTITY's Representative of such discoveries and carry out the PROCURING ENTITY's Representative's instructions in dealing with them.

7. Performance Security

7.1. The Performance Security shall be submitted to the PROCURING ENTITY not later than the date specified in the Letter of Acceptance and shall be issued in an amount and form as specified in the SCC, and denominated in the currency in which the contract price is payable. The Performance Security shall be valid for the period specified in the SCC.

7.2. The Contractor, by entering into the Contract with the PROCURING ENTITY, acknowledges the right of the PROCURING ENTITY to institute action pursuant to Act 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.

8. Sub-Contracting

8.1. Unless otherwise indicated in the SCC, the Contractor cannot subcontract more than fifty percent (50%) of the value of the Works,. Subcontracting of any portion of the Works does not relieve the Contractor of any liability or obligation under this Contract. The Contractor 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.

8.2. All subcontracting arrangements as disclosed and identified during the eligibility check shall not be changed during the implementation of this Contract.

9. Liquidated Damages

9.1. The Contractor shall pay liquidated damages to the PROCURING ENTITY at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. The PROCURING ENTITY may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this Contract, the PROCURING ENTITY shall rescind this Contract, without prejudice to other courses of action and remedies open to it.

9.2. If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer of the PROCURING ENTITY shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Clause 39.1

10. Site Investigation Reports

10.1. 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.

11. The PROCURING ENTITY, Licenses and Permits

11.1. The PROCURING ENTITY shall, if requested by the Contractor, assist him in applying for permits, licenses or approvals, which are required for the Works.

12. Contractor's Risk and Warranty Security

12.1. The Contractor shall assume full responsibility for the Works from the time project construction commenced up to final acceptance by the PROCURING ENTITY and shall be held responsible for any damage or destruction of the Works except those occasioned by force majeure. The Contractor shall be fully responsible for the safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the Works, Equipment, installation, and the like to be affected by his construction work.

12.2. The defects liability period for infrastructure projects shall be one year from project completion up to final acceptance by the PROCURING

ENTITY. During this period, the Contractor shall undertake the repair works, at his own expense, of any damage to the Works on account of the use of materials of inferior quality within ninety (90) days from the time the Head of the PROCURING ENTITY has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the PROCURING ENTITY shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.

In case the Contractor fails to comply with the preceding paragraph, it shall suffer perpetual disqualification from participating in any public bidding and its property or properties shall be subject to attachment or garnishment proceedings to recover the costs. All payables of the PROCURING ENTITY in the Contractor's favor shall be offset to recover the costs.

12.3. After final acceptance of the Works by the PROCURING ENTITY, the Contractor shall be held responsible for structural defects and/or failure of the completed project within the following warranty periods from final acceptance, except those occasioned by force majeure and those caused by other parties:

(a) Permanent Structures: Fifteen (15) years

Buildings of types 4 (steel, iron, concrete, or masonry construction with walls, ceilings, and permanent partitions of incombustible fire resistance) and 5 (steel, iron, concrete, or masonry construction), steel and concrete bridges, flyovers, concrete aircraft movement areas, ports, dams, diversion tunnels, causeways, wharves, piers, dikes, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar structures;

(b) Semi-Permanent Structures: Five (5) years

Buildings of types 1 (wooden), 2 (wood with 1 hour fire resistance), and 3 (masonry and wood construction), concrete roads, asphalt roads, river control, drainage, irrigation and drainage canals, municipal ports and river landing, deep wells, rock causeway, pedestrian overpass, and other similar structures; and

(c) Other Structures: Two (2) years

Bailey and wooden bridges, shallow wells, spring developments, and other similar structures.

12.4. The Contractor shall be required to put up a warranty security in the form of cash, bank guarantee, letter of credit, GSIS or surety bond callable on demand, in accordance with the following schedule:

Form of Warranty	Minimum Amount in Percentage (%) of Total Contract Price
1. Cash deposit, cash bond or letter of credit	Five Percent (5%)
2. Bank guarantee	Ten Percent (10%)
3. Surety bond	Thirty Percent (30%)

12.5. The warranty security shall be stated in Philippine Pesos and shall remain effective during the applicable warranty period provided in GCC Clause 12.3.

12.6. In case of structural defects/failure occurring during the applicable warranty period provided in GCC Clause 12.3, the PROCURING ENTITY shall undertake the necessary restoration or reconstruction works and shall be entitled to full reimbursement by the parties found to be liable, of expenses incurred therein upon demand, without prejudice to the filing of appropriate administrative, civil, and/or criminal charges against the responsible persons as well as the forfeiture of the warranty security posted in favor of the PROCURING ENTITY.

For purposes of this clause, the term "structural defects" shall mean major faults/flaws/deficiencies in one or more key structural elements of the Works which may lead to structural failure of the completed elements or structure. The term "structural failures" is defined as an occurrence where one or more key structural elements in an infrastructure facility fails or collapses, thereby rendering the facility or part thereof incapable of withstanding the design loads, and/or endangering the safety of the users or the general public.

13. PROCURING ENTITY's Risk

13.1. From the Start Date until the Certificate of Final Acceptance has been issued, the following are risks of the PROCURING ENTITY:

(a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to:

(a.1) any type of use or occupation of the Site authorized by the PROCURING ENTITY after the official acceptance of the works; or

(a.2) negligence, breach of statutory duty, or interference with any legal right by the PROCURING ENTITY or by any

person employed by or contracted to him except the Contractor.

(b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the PROCURING ENTITY or in the PROCURING ENTITY's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

14. Insurance

14.1. The Contractor shall, under his name and at his own expense, obtain and maintain, for the duration of this Contract, the following insurance coverage:

(a) Contractor's All Risk Insurance;

(b) Transportation to the project Site of Equipment, Machinery, and Supplies owned by the Contractor;

(c) Personal injury or death of Contractor's employees; and

(d) Comprehensive insurance for third party liability to Contractor's direct or indirect act or omission causing damage to third persons.

14.2. The Contractor shall provide evidence to the PROCURING ENTITY's Representative that the insurances required under this Contract have been effected and shall, within a reasonable time, provide copies of the insurance policies to the PROCURING ENTITY's Representative. Such evidence and such policies shall be provided to the PROCURING ENTITY through the PROCURING ENTITY's Representative.

14.3. The Contractor shall notify the insurers of changes in the nature, extent, or program for the execution of the Works and ensure the adequacy of the insurances at all times in accordance with the terms of this Contract and shall produce to the PROCURING ENTITY's Representative the insurance policies in force including the receipts for payment of the current premiums.

The above insurance policies shall be obtained from any reputable insurance company approved by the PROCURING ENTITY's Representative.

14.4. If the Contractor fails to obtain and keep in force the insurances referred to herein or any other insurance which he may be required to obtain under the terms of this Contract, the PROCURING ENTITY may obtain and keep in force any such insurances and pay such premiums as may be necessary for the purpose. From time to time, the PROCURING ENTITY may deduct the amount it shall pay for said premiums

including twenty five percent (25%) therein from any monies due, or which may become due, to the Contractor, without prejudice to the PROCURING ENTITY exercising its right to impose other sanctions against the Contractor pursuant to the provisions of this Contract.

14.5. In the event the Contractor fails to observe the above safeguards, the PROCURING ENTITY may, at the Contractor's expense, take whatever measure is deemed necessary for its protection and that of the Contractor's personnel and third parties, and/or order the interruption of dangerous Works. In addition, the PROCURING ENTITY may refuse to make the payments under GCC Clause 39 until the Contractor complies with this Clause.

14.6. The Contractor shall immediately replace the insurance policy obtained as required in this Contract, without need of the PROCURING ENTITY's demand, with a new policy issued by a new insurance company acceptable to the PROCURING ENTITY for any of the following grounds:

(a) The issuer of the insurance policy to be replaced has:

(a.1) become bankrupt;

(a.2) been placed under receivership or under a management committee;

(a.3) been sued for suspension of payment; or

(a.4) been suspended by the Insurance Commission and its license to engage in business or its authority to issue insurance policies cancelled; or

(b) Where reasonable grounds exist that the insurer may not be able, fully and promptly, to fulfill its obligation under the insurance policy.

15. Termination for Default of Contractor

15.1. The PROCURING ENTITY shall terminate this Contract for default when any of the following conditions attend its implementation:

15.2. Due to the Contractor's fault and while the project is on-going, it has incurred negative slippage of fifteen percent (15%) or more in accordance with Presidential Decree 1870, regardless of whether or not previous warnings and notices have been issued for the Contractor to improve his performance;

15.3. Due to its own fault and after this Contract time has expired, the Contractor incurs delay in the completion of the Work after this Contract has expired; or

15.4. The Contractor:

(a) abandons the contract Works, refuses or fails to comply with a valid instruction of the PROCURING ENTITY or fails to proceed expeditiously and without delay despite a written notice by the PROCURING ENTITY;

(b) does not actually have on the project Site the minimum essential equipment listed on the Bid necessary to prosecute the Works in accordance with the approved Program of Work and equipment deployment schedule as required for the project;

(c) does not execute the Works in accordance with this Contract or persistently or flagrantly neglects to carry out its obligations under this Contract;

(d) neglects or refuses to remove materials or to perform a new Work that has been rejected as defective or unsuitable; or

(e) sub-lets any part of this Contract without approval by the PROCURING ENTITY.

15.5. All materials on the Site, Plant, Equipment, and Works shall be deemed to be the property of the PROCURING ENTITY if this Contract is rescinded because of the Contractor's default.

16. Termination for Default of PROCURING ENTITY

16.1. The Contractor may terminate this Contract with the PROCURING ENTITY if the works are completely stopped for a continuous period of at least sixty (60) calendar days through no fault of its own, due to any of the following reasons:

(a) Failure of the PROCURING ENTITY to deliver, within a reasonable time, supplies, materials, right-of-way, or other items it is obligated to furnish under the terms of this Contract; or

(b) The prosecution of the Work is disrupted by the adverse peace and order situation, as certified by the Armed Forces of the Philippines Provincial Commander and approved by the Secretary of National Defense.

17. Termination for Other Causes

17.1. The PROCURING ENTITY may terminate this Contract, in whole or in part, at any time for its convenience. The Head of the PROCURING ENTITY may terminate this Contract for the convenience of the

PROCURING ENTITY if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and National Government policies.

17.2. The PROCURING ENTITY or the Contractor may terminate this Contract if the other party causes a fundamental breach of this Contract.

17.3. Fundamental breaches of Contract shall include, but shall not be limited to, the following:

(a) The Contractor stops work for twenty eight (28) days when no stoppage of work is shown on the current Program of Work and the stoppage has not been authorized by the PROCURING ENTITY's Representative;

(b) The PROCURING ENTITY's Representative instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within twenty eight (28) days;

(c) The PROCURING ENTITY shall terminate this Contract if the Contractor is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the PROCURING ENTITY and/or the Contractor. In the case of the Contractor's insolvency, any Contractor's Equipment which the PROCURING ENTITY instructs in the notice is to be used until the completion of the Works;

(d) A payment certified by the PROCURING ENTITY's Representative is not paid by the PROCURING ENTITY to the Contractor within eighty four (84) days from the date of the PROCURING ENTITY's Representative's certificate;

(e) The PROCURING ENTITY's Representative gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the PROCURING ENTITY's Representative;

(f) The Contractor does not maintain a Security, which is required;

(g) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the GCC Clause 9; and

(h) 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, the following:

(h.1) corrupt, fraudulent, collusive and coercive practices as defined in ITB Clause 2.1(a);

(h.2) drawing up or using forged documents;

(h.3) using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and

(h.4) any other act analogous to the foregoing.

17.4. The Funding Source or the PROCURING ENTITY, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with corrupt, fraudulent, or coercive practices.

17.5. When persons from either party to this Contract gives notice of a fundamental breach to the PROCURING ENTITY's Representative in order to terminate the existing contract for a cause other than those listed under GCC Clause 17.3, the PROCURING ENTITY's Representative shall decide whether the breach is fundamental or not.

17.6. If this Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

18. Procedures for Termination of Contracts

18.1. The following provisions shall govern the procedures for the termination of this Contract:

(a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;

(b) Upon recommendation by the Implementing Unit, the Head of the PROCURING ENTITY shall terminate this Contract only by a written notice to the Contractor conveying the termination of this Contract. The notice shall state:

(b.1) that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;

(b.2) the extent of termination, whether in whole or in part;

(b.3) an instruction to the Contractor to show cause as to why this Contract should not be terminated; and

(b.4) special instructions of the PROCURING ENTITY, if any.

The Notice to Terminate shall be accompanied by a copy of the Verified Report;

(c) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Contractor shall submit to the Head of the PROCURING ENTITY a verified position paper stating why the contract should not be terminated. If the Contractor fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the Head of the PROCURING ENTITY shall issue an order terminating the contract;

(d) The PROCURING ENTITY may, at any time before receipt of the Bidder's verified position paper to withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Contractor's receipt of the notice;

(e) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the Head of the PROCURING ENTITY shall decide whether or not to terminate this Contract. It shall serve a written notice to the Contractor of its decision and, unless otherwise provided in the said notice, this Contract is deemed terminated from receipt of the Contractor of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate; and

(f) The Head of the PROCURING ENTITY may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the PROCURING ENTITY.

19. Force Majeure, Release From Performance

19.1. For purposes of this Contract the terms "force majeure" and "fortuitous event" may be used interchangeably. In this regard, a fortuitous event or force majeure shall be interpreted to mean an event which the Contractor could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other

cause the effects of which could have been avoided with the exercise of reasonable diligence by the Contractor.

19.2. If this Contract is discontinued by an outbreak of war or by any other event entirely outside the control of either the PROCURING ENTITY or the Contractor, the PROCURING ENTITY's Representative shall certify that this Contract has been discontinued. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any Work carried out afterwards to which a commitment was made.

19.3. If the event continues for a period of eighty four (84) days, either party may then give notice of termination, which shall take effect twenty eight (28) days after the giving of the notice.

19.4. After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the materials and Plant reasonably delivered to the Site, adjusted by the following:

(a) any sum to which the Contractor is entitled under GCC Clause 27.1;

(b) the cost of his suspension and demobilization;

(c) any sum to which the PROCURING ENTITY is entitled.

19.5. The net balance due shall be paid or repaid within a reasonable time period from the time of the notice of termination.

20. Resolution of Disputes

20.1. If the Contractor believes that a decision taken by the PROCURING ENTITY's Representative was either outside the authority given to the PROCURING ENTITY's Representative by this Contract or that the decision was wrongly taken, the decision shall be referred to the Arbiter indicated in the SCC within fourteen (14) days of the notification of the PROCURING ENTITY's Representative's decision.

20.2. Any and all disputes arising from the implementation of this Contract covered by the R.A. 9184 and its IRR-A shall be submitted to arbitration in the Philippines according to the provisions of Republic Act 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004": Provided, however, That, disputes that are within the competence of the Construction Industry Arbitration Commission to resolve shall be referred thereto. The process of arbitration shall be incorporated as a provision in this Contract that will be executed pursuant to the provisions of the Act and its IRR-A: Provided, further, That, by mutual agreement, the parties may agree in writing to resort to other alternative

modes of dispute resolution. Additional instructions on resolution of disputes, if any, shall be indicated in the SCC.

21. Suspension of Loan, Credit, Grant, or Appropriation

21.1. In the event that the Funding Source suspends the Loan, Credit, Grant, or Appropriation to the PROCURING ENTITY, from which part of the payments to the Contractor are being made:

(a) The PROCURING ENTITY is obligated to notify the Contractor of such suspension within seven (7) days of having received the suspension notice.

(b) If the Contractor has not received sums due it for work already done within forty five (45) days from the time the Contractor's claim for payment has been certified by the PROCURING ENTITY's Representative, the Contractor may immediately issue a suspension of work notice in accordance with SCC Clause 44.2.

22. PROCURING ENTITY's Representative's Decisions

22.1. Except where otherwise specifically stated, the PROCURING ENTITY's Representative will decide contractual matters between the PROCURING ENTITY and the Contractor in the role representing the PROCURING ENTITY.

22.2. The PROCURING ENTITY's Representative may delegate any of his duties and responsibilities to other people, except to the Arbiter, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

23. Approval of Drawings and Temporary Works by the PROCURING ENTITY's Representative

23.1. All Drawings prepared by the Contractor for the execution of the Temporary Works, are subject to prior approval by the PROCURING ENTITY's Representative before its use.

23.2. The Contractor shall be responsible for design of Temporary Works.

23.3. The PROCURING ENTITY's Representative's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

23.4. The Contractor shall obtain approval of third parties to the design of the Temporary Works, when required by the PROCURING ENTITY.

24. Acceleration and Delays Ordered by the PROCURING ENTITY's Representative

24.1. When the PROCURING ENTITY wants the Contractor to finish before the Intended Completion Date, the PROCURING ENTITY's Representative will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the PROCURING ENTITY accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the PROCURING ENTITY and the Contractor.

24.2. If the Contractor's Financial Proposals for an acceleration are accepted by the PROCURING ENTITY, they are incorporated in the Contract Price and treated as a Variation.

25. Extension of the Intended Completion Date

25.1. The PROCURING ENTITY's Representative shall extend the Intended Completion Date if a Variation is issued which makes it impossible for the Intended Completion Date to be achieved by the Contractor without taking steps to accelerate the remaining work, which would cause the Contractor to incur additional costs. Unless specified in the SCC, no payment shall be made for any event which may warrant the extension of the Intended Completion Date.

25.2. The PROCURING ENTITY's Representative shall decide whether and by how much to extend the Intended Completion Date within twenty one (21) days of the Contractor asking the PROCURING ENTITY's Representative for a decision thereto after fully submitting all supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

26. Right to Vary

26.1. The PROCURING ENTITY's Representative with the prior approval of the PROCURING ENTITY may instruct Variations, up to a maximum cumulative amount of ten percent (10%) of the original contract cost.

26.2. Variations shall be valued as follows:

(a) At a lump sum price agreed between the parties;

(b) where appropriate, at rates in this Contract;

(c) in the absence of appropriate rates, the rates in this Contract shall be used as the basis for valuation; or failing which

(d) at appropriate new rates, equal to or lower than current industry rates and to be agreed upon by both parties and approved by the Head of the PROCURING ENTITY.

27. Contractors Right to Claim

27.1. If the Contractor incurs cost as a result of any of the events under GCC Clause 13, the Contractor shall be entitled to the amount of such cost. If as a result of any of the said events, it is necessary to change the Works, this shall be dealt with as a Variation.

28. Dayworks

28.1. Subject to GCC Clause 42 on Variation Order, 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.

28.2. All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the PROCURING ENTITY's Representative. Each completed form shall be verified and signed by the PROCURING ENTITY's Representative within two days of the work being done.

28.3. The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

29. Early Warning

29.1. The Contractor shall warn the PROCURING ENTITY's Representative at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The PROCURING ENTITY's Representative may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.

29.2. The Contractor shall cooperate with the PROCURING ENTITY's Representative in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the PROCURING ENTITY's Representative.

30. Program of Work

30.1. Within the time stated in the SCC, the Contractor shall submit to the PROCURING ENTITY's Representative for approval a Program of

Work showing the general methods, arrangements, order, and timing for all the activities in the Works.

30.2. An update of the Program of Work shall the show the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.

30.3. 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.

30.4. The PROCURING ENTITY's Representative's approval of the Program of Work shall not alter the Contractor's obligations. The Contractor may revise the Program of Work and submit it to the PROCURING ENTITY's Representative again at any time. A revised Program of Work shall show the effect of any approved Variations; and if allowed, any Compensation Event.

30.5. When the Program of Work is updated, the Contractor shall provide the PROCURING ENTITY's Representative with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

30.6. All Variations shall be included in updated Program of Work produced by the Contractor.

31. Management Conferences

31.1. Either the PROCURING ENTITY's Representative or the Contractor may require the other to attend a Management Conference. The Management Conference shall review the plans for remaining work and deal with matters raised in accordance with the early warning procedure.

31.2. The PROCURING ENTITY's Representative shall record the business of Management Conferences and provide copies of the record to those attending the Conference and to the PROCURING ENTITY. The responsibility of the parties for actions to be taken shall be decided by the PROCURING ENTITY's Representative either at the Management Conference or after the Management Conference and stated in writing to all who attended the Conference.

32. Bill of Quantities

32.1. The Bill of Quantities shall contain items of work for the construction, installation, testing, and commissioning of work to be done by the Contractor.

32.2. The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.

32.3. If the final quantity of any work done differs from the quantity in the Bill of Quantities for the particular item and is not more than twenty five percent (25%) of the original quantity, provided the aggregate changes for all items do not exceed ten percent (10%) of the Contract price, the PROCURING ENTITY's Representative shall make the necessary adjustments to allow for the changes subject to applicable laws, rules, and regulations.

32.4. If requested by the PROCURING ENTITY's Representative, the Contractor shall provide the PROCURING ENTITY's Representative with a detailed cost breakdown of any rate in the Bill of Quantities.

33. Instructions, Inspections and Audits

33.1. The PROCURING ENTITY's personnel shall at all reasonable times during construction of the Work be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the construction.

33.2. If the PROCURING ENTITY's Representative instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no defect, the test shall be a Compensation Event.

33.3. The Contractor shall permit the Funding Source named in the SCC to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

34. Identifying Defects

34.1. The PROCURING ENTITY's Representative shall check the Contractor's work and notify the Contractor of any defects that are found. Such checking shall not affect the Contractor's responsibilities. The PROCURING ENTITY's Representative may instruct the Contractor to search uncover defects and test any work that the

PROCURING ENTITY's Representative considers below standards and defective.

35. Cost of Repairs

35.1. Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Liability Periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

36. Correction of Defects

36.1. The PROCURING ENTITY's Representative shall give notice to the Contractor of any defects before the end of the Defects Liability Period. which begins at Completion Date up to final acceptance by the PROCURING ENTITY, unless otherwise specified in the SCC. The Defects Liability Period shall be extended for as long as defects remain to be corrected.

36.2. Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified in the PROCURING ENTITY's Representative's notice.

36.3. The Contractor shall correct the defects which he notices himself before the end of the Defects Liability Period.

36.4. The PROCURING ENTITY shall certify that all defects have been corrected. If the PROCURING ENTITY considers that correction of a defect is not essential, he can request the Contractor to submit a quotation for the corresponding reduction in the Contract Price. If the PROCURING ENTITY accepts the quotation, the corresponding change in the SCC is a Variation.

37. Uncorrected Defects

37.1. The PROCURING ENTITY shall give the Contractor at least fourteen (14) days notice of his intention to use a third party to correct a Defect. If the Contractor does not correct the Defect himself within the period, the PROCURING ENTITY may have the Defect corrected by the third party. The cost of the correction will be deducted from the Contract Price.

37.2. The use of a third party to correct defects that are uncorrected by the Contractor will in no way relieve the Contractor of its liabilities and warranties under the Contract.

38. Advance Payment

38.1 No advance payment shall be made in compliance with the directive of the Secretary of the Department of Transportation in his memorandum dated July 10, 2018, portion of which states that:

> "xxx in order to ensure that projects are awarded to qualified bidders, to eliminate corruption, and to guarantee timely completion of projects, no advance payments or mobilization fees shall, as a rule, be extended or paid with respect to any projects of the Department xxx"

39. Progress Payments

39.1. The Contractor may submit a request for payment for Work accomplished. Such request for payment shall be verified and certified by the PROCURING ENTITY's Representative. 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.

39.2. The PROCURING ENTITY shall have the right to deduct from the Contractor's progress billing such amount as may be necessary to cover third party liabilities, as well as uncorrected discovered defects in the project.

39.3. Payments shall be adjusted by deducting there from the amounts for advance payments and retention. The PROCURING ENTITY shall pay the Contractor the amounts certified by the PROCURING ENTITY's Representative within twenty eight (28) days from the date each certificate was issued. Unless otherwise indicated in the SCC, no payment of interest for delayed payments and adjustments shall be made by the PROCURING ENTITY.

39.4. Items of the Works for which a price of "0" (zero) has been entered will not be paid for by the PROCURING ENTITY and shall be deemed covered by other rates and prices in the Contract.

40. Payment Certificates

40.1. The Contractor shall submit to the PROCURING ENTITY's Representative monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

40.2. The PROCURING ENTITY's Representative shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

40.3. The value of Work executed shall:

(a) be determined by the PROCURING ENTITY's Representative;

(b) comprise the value of the quantities of the items in the Bill of Quantities completed; and

(c) include the valuations of approved variations.

40.4. The PROCURING ENTITY's Representative may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

41. Retention

41.1. The PROCURING ENTITY shall retain from each payment due to the Contractor an amount equal to a percentage thereof using the rate as specified in SCC Clause 41.2.

41.2. Progress payments are subject to retention of ten percent (10%), unless otherwise specified in the SCC, referred to as the "retention money." Such retention shall be based on the total amount due to the Contractor prior to any deduction and shall be retained from every progress payment until fifty percent (50%) of the value of Works, as determined by the PROCURING ENTITY, are completed. If, after fifty percent (50%) completion, the Work is satisfactorily done and on schedule, no additional retention shall be made; otherwise, the ten percent (10%) retention shall again be imposed using the rate specified therefore.

41.3. The total "retention money" shall be due for release upon final acceptance of the Works. The Contractor may, however, request the substitution of the retention money for each progress billing with irrevocable standby letters of credit from a commercial bank, bank guarantees or surety bonds callable on demand, of amounts equivalent to the retention money substituted for and acceptable to the PROCURING ENTITY, provided that the project is on schedule and is satisfactorily undertaken. Otherwise, the percentage retained shall be made. Said irrevocable standby letters of credit, bank guarantees and/or surety bonds, to be posted in favor of the PROCURING ENTITY shall be valid for a duration to be determined by the concerned implementing office/agency or PROCURING ENTITY and will answer for the purpose for which the retention is intended, i.e., to cover uncorrected discovered defects and third party liabilities.

41.4. On completion of the whole Works, the Contractor may substitute retention money with an "on demand" Bank guarantee in a form acceptable to the PROCURING ENTITY.

42. Variation Orders

42.1. Variation Orders may be issued by the PROCURING ENTITY to cover any increase/decrease in quantities, including the introduction of new work items that are not included in the original contract or reclassification of work items that are either due to change of plans, design or alignment to suit actual field conditions resulting in disparity between the preconstruction plans used for purposes of bidding and the "as staked plans" or construction drawings prepared after a joint survey by the Contractor and the PROCURING ENTITY after award of the contract, provided that the cumulative amount of the Variation Order does not exceed ten percent (10%) of the original project cost. The addition/deletion of Works should be within the general scope of the project as bid and awarded. A Variation Order may either be in the form of a Change Order or Extra Work Order.

42.2. A Change Order may be issued by the implementing official to cover any increase/decrease in quantities of original Work items in the contract.

42.3. An Extra Work Order may be issued by the implementing official to cover the introduction of new work necessary for the completion, improvement or protection of the project which were not included as items of Work in the original contract, such as, where there are subsurface or latent physical conditions at the site differing materially from those indicated in the contract, or where there are duly unknown physical conditions at the site of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the Work or character provided for in the contract.

42.4. Any cumulative Variation Order beyond ten percent (10%) shall be subject of another contract to be bid out if the works are separable from the original contract. In exceptional cases where it is urgently necessary to complete the original scope of work, the Head of the PROCURING ENTITY may authorize the Variation Order beyond ten percent (10%) but not more than twenty percent (20%) subject to the guidelines to be determined by the GPPB: Provided, however, That appropriate sanctions shall be imposed on the designer, consultant or official responsible for the original detailed engineering design which failed to consider the Variation Order beyond ten percent (10%).

42.5. In claiming for any Variation Order, the Contractor shall, within seven (7) calendar days after such work has been commenced or after the circumstances leading to such condition(s) leading to the extra cost, and within twenty-eight (28) calendar days deliver a written communication giving full and detailed particulars of any extra cost in order that it may

be investigated at that time. Failure to provide either of such notices in the time stipulated shall constitute a waiver by the contractor for any claim. The preparation and submission of Variation Orders are as follows:

(a) If the Head of the PROCURING ENTITY believes that a Change Order or Extra Work Order should be issued, he shall prepare the proposed Order accompanied with the notices submitted by the Contractor, the plans therefore, his computations as to the quantities of the additional works involved per item indicating the specific stations where such works are needed, the date of his inspections and investigations thereon, and the log book thereof, and a detailed estimate of the unit cost of such items of work, together with his justifications for the need of such Change Order or Extra Work Order, and shall submit the same to the PROCURING ENTITY's Representative.

(b) The PROCURING ENTITY's Representative, upon receipt of the proposed Change Order or Extra Work Order shall immediately instruct the technical staff of the PROCURING ENTITY to conduct an on-the-spot investigation to verify the need for the Work to be prosecuted. A report of such verification shall be submitted directly to the PROCURING ENTITY's Representative.

(c) The PROCURING ENTITY's Representative, after being satisfied that such Change Order or Extra Work Order is justified and necessary, shall review the estimated quantities and prices and forward the proposal with the supporting documentation to the Head of PROCURING ENTITY for consideration.

(d) If, after review of the plans, quantities and estimated unit cost of the items of work involved, the proper office of the procuring entity empowered to review and evaluate Change Orders or Extra Work Orders recommends approval thereof, the PROCURING ENTITY's Representative, believing the Change Order or Extra Work Order to be in order, shall approve the same.

(e) The timeframe for the processing of Variation Orders from the preparation up to the approval by the Head of the PROCURING ENTITY concerned shall not exceed thirty (30) calendar days.

43. Contract Completion

43.1. Once the project reaches an accomplishment of ninety five (95%) of the total contract amount, the PROCURING ENTITY may create an

inspectorate team to make preliminary inspection and submit a punch-list to the Contractor in preparation for the final turnover of the project. Said punch-list will contain, among others, the remaining Works, Work deficiencies for necessary corrections, and the specific duration/time to fully complete the project considering the approved remaining contract time. This, however, shall not preclude the claim of the PROCURING ENTITY for liquidated damages.

44. Suspension of Work

44.1. The PROCURING ENTITY shall have the authority to suspend the work wholly or partly by written order for such period as may be deemed necessary, due to force majeure or any fortuitous events or for failure on the part of the Contractor to correct bad conditions which are unsafe for workers or for the general public, to carry out valid orders given by the PROCURING ENTITY or to perform any provisions of the contract, or due to adjustment of plans to suit field conditions as found necessary during construction. The Contractor shall immediately comply with such order to suspend the work wholly or partly.

44.2. The Contractor or its duly authorized representative shall have the right to suspend work operation on any or all projects/activities along the critical path of activities after fifteen (15) calendar days from date of receipt of written notice from the Contractor to the district engineer/regional director/consultant or equivalent official, as the case may be, due to the following:

(a) There exist right-of-way problems which prohibit the Contractor from performing work in accordance with the approved construction schedule.

(b) Requisite construction plans which must be owner-furnished are not issued to the contractor precluding any work called for by such plans.

(c) Peace and order conditions make it extremely dangerous, if not possible, to work. However, this condition must be certified in writing by the Philippine National Police (PNP) station which has responsibility over the affected area and confirmed by the Department of Interior and Local Government (DILG) Regional Director.

(d) There is failure on the part of the PROCURING ENTITY to deliver government-furnished materials and equipment as stipulated in the contract.

(e) Delay in the payment of Contractor's claim for progress billing beyond forty-five (45) calendar days from the time the Contractor's claim has been certified to by the procuring entity's authorized representative that the documents are complete unless

there are justifiable reasons thereof which shall be communicated in writing to the Contractor.

44.3. In case of total suspension, or suspension of activities along the critical path, which is not due to any fault of the Contractor, the elapsed time between the effective order of suspending operation and the order to resume work shall be allowed the Contractor by adjusting the contract time accordingly.

45. Payment on Termination

45.1. If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the PROCURING ENTITY's Representative shall issue a certificate for the value of the work done and Materials ordered received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the PROCURING ENTITY exceeds any payment due to the Contractor, the difference shall be a debt payable to the PROCURING ENTITY.

45.2. If the Contract is terminated for the PROCURING ENTITY's convenience or because of a fundamental breach of Contract by the PROCURING ENTITY, the PROCURING ENTITY's Representative shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

45.3. The net balance due shall be paid or repaid within twenty eight (28) days from the notice of termination.

45.4. If the Contractor has terminated the Contract under GCC Clauses 16 or 17, the PROCURING ENTITY shall promptly return the Performance Security to the Contractor.

46. Extension of Contract Time

46.1. Should the amount of additional work of any kind or other special circumstances of any kind whatsoever occur such as to fairly entitle the contractor to an extension of contract time, the PROCURING ENTITY shall determine the amount of such extension; provided that the PROCURING ENTITY is not bound to take into account any claim for an extension of time unless the Contractor has, prior to the expiration of the contract time and within thirty (30) calendar days after such work has been commenced or after the circumstances leading to such claim have arisen, delivered to the PROCURING ENTITY notices in order that it could have investigated them at that time. Failure to provide such notice shall constitute a waiver by the Contractor of any claim. Upon

receipt of full and detailed particulars, the PROCURING ENTITY shall examine the facts and extent of the delay and shall extend the contract time completing the contract work when, in the PROCURING ENTITY's opinion, the findings of facts justify an extension.

46.2. No extension of contract time shall be granted the Contractor due to (a) ordinary unfavorable weather conditions and (b) inexcusable failure or negligence of Contractor to provide the required equipment, supplies or materials.

46.3. Extension of contract time may be granted only when the affected activities fall within the critical path of the PERT/CPM network.

46.4. No extension of contract time shall be granted when the reason given to support the request for extension was already considered in the determination of the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection.

46.5. Extension of contract time shall be granted for rainy/unworkable days considered unfavorable for the prosecution of the works at the site, based on the actual conditions obtained at the site, in excess of the number of rainy/unworkable days pre-determined by the PROCURING ENTITY in relation to the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection, and/or for equivalent period of delay due to major calamities such as exceptionally destructive typhoons, floods and earthquakes, and epidemics, and for causes such as non-delivery on time of materials, working drawings, or written information to be furnished by the PROCURING ENTITY, non-acquisition of permit to enter private properties within the right-of-way resulting in complete paralyzation of construction activities, and other meritorious causes as determined by the PROCURING ENTITY's Representative and approved by the Head of the PROCURING ENTITY. Shortage of construction materials, general labor strikes, and peace and order problems that disrupt construction operations through no fault of the Contractor may be considered as additional grounds for extension of contract time provided they are publicly felt and certified by appropriate government agencies such as DTI, DOLE, DILG, and DND, among others. The written consent of bondsmen must be attached to any request of the Contractor for extension of contract time and submitted to the PROCURING ENTITY for consideration and the validity of the Performance Security shall be correspondingly extended.

47. Price Adjustment

47.1. Except for extraordinary circumstances as determined by NEDA and approved by the GPPB, no price adjustment shall be allowed unless otherwise specified in the SCC.

48. Completion

48.1. The Contractor shall request the PROCURING ENTITY's Representative to issue a certificate of Completion of the Works, and the PROCURING ENTITY's Representative will do so upon deciding that the work is completed.

49. Taking Over

49.1. The PROCURING ENTITY shall take over the Site and the Works within seven (7) days from the date the PROCURING ENTITY's Representative issues a certificate of Completion.

50. Operating and Maintenance Manuals

50.1. If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.

50.2. If the Contractor does not supply the Drawings and/or manuals by the dates stated in the SCC, or they do not receive the PROCURING ENTITY's Representative's approval, the PROCURING ENTITY's Representative shall withhold the amount stated in the SCC from payments due to the Contractor.

Section IV. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1.17	The **Intended Completion Date** is _____, ***2019.***
1.22	The **PROCURING ENTITY** is *PHILIPPINE PORTS AUTHORITY, PMO-Surigao, Port Area, 8400 Surigao City.*
1.23	The **PROCURING ENTITY's Representative** is *Froilan U. Caturla, Acting Port Manager, PMO-Surigao, Port Area, 8400 Surigao City.*
1.24	The **Site** is located at ***Port of Surigao, Surigao City*** and is defined in drawing No. *1 / 1.*
1.28	The **Start Date** is _____, ***2019***
1.31	The Works consist of: **1. General Expenses** **2. Demolition/Removal Works** **3. Supply, Spread and Compact Filler Material** **4. Portland Cement Concrete Pavement** **5. Supply and Install Tie Bars and Dowel Bars** **6. Repair of Gate 5** **7. Construction of Perimeter Fence** **8. Supply and Install Cable Protection** **9. Repair of Drainage Canal** **10. Landscaping Works**
	[insert a brief summary, including relationship to other contracts under this Project].

2.2	No further instructions.
2.3(h)	None.
5.1	The PROCURING ENTITY shall give possession of all parts of the Site to the Contractor on the date to be determined later.
6.5	The Contractor shall employ the following **Key Personnel exclusively intended for the project:** *[List key personnel by name and designation]*
7.1	At the Contractor's option the performance security is to be in any of the following form: (a) Cash, cashier's check, manager's check, bank draft or irrevocable letter of credit in the amount of *[insert ten percent (10%) of the contract price]*. (b) Bank guarantee in the amount of *ten percent (10%) of the contract price*. (c) Surety bond in the amount of *thirty percent (30%) of the contract price*. (d) Any combination of the foregoing. The performance security shall be discharged by the PROCURING ENTITY and returned to the Contractor not later than thirty (30) days following the date of the expiration of this Contract. ***NOTE:*** *The PROCURING ENTITY may choose the acceptable performance security from the above-mentioned forms.*
8.1	No further instructions.
9.1	Liquidated damages is equivalent to an amount to be determined in accordance with the following formula until the work is completed and accepted or taken over by the PROCURING ENTITY: An amount equivalent to one-tenth of one percent (0.1%) of the cost of the unperformed portion for every day of delay (Sundays and Holidays included), until the work is completed and accepted or taken over by the **PPA**: The Head of the PROCURING ENTITY may also impose additional liquidated damages on the contractor provided such is prescribed in the Instructions to Bidders.

	A project or a portion thereof may be deemed usable when it starts to provide the desired benefits as certified by the targeted end-users and the concerned PROCURING ENTITY. To be entitled to such liquidated damages, the PROCURING ENTITY does not have to prove that it has incurred actual damages. Such amount shall be deducted from any money due or which may become due the contractor under the contract and/or collect such liquidated damages from the retention money or other securities posted by the contractor whichever is convenient to the PROCURING ENTITY. In case that the delay in the completion of the work exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the contractor, the procuring entity concerned may rescind the contract, forfeit the contractor's performance security and takeover the prosecution of the project or award the same to a qualified contractor through negotiated contract. In no case however, shall the total sum of liquidated damages exceed ten percent (10%) of the total contract price, in which event the contract shall automatically be taken over by the procuring entity concerned or award the same to a qualified contractor through negotiation and the erring contractor's performance security shall be forfeited. The amount of the forfeited performance security shall be aside from the amount of the liquidated damages that the contractor shall pay the government under the provisions of this clause and impose other appropriate sanctions.
10.1	The site investigation reports are: None
20.1	The Arbiter is: *[Insert name]* *[Insert address]*
20.2	No further instructions.
25.1	No further instructions.
28.1	No day works are applicable to the contract.
30.1	The Contractor shall submit the Program of Work to the PROCURING ENTITY's Representative within *[insert number]* days of delivery of the Letter of Acceptance.
30.3	The period between Program of Work updates is *[insert number]* days.

	The amount to be withheld for late submission of an updated Program of Work is *[insert amount]*.
33.3	The Funding Source is the ***PPA CY-2019 R/M Funds***.
36.1	No further instructions.
38.1	No further instructions.
39.1	No further instructions.
39.3	No further instructions.
41.2	No further instructions.
47.1	No further instructions.
50.1	The date by which operating and maintenance manuals are required is *[date]*. The date by which "as built" drawings are required is *[Supporting documents to Final Billing]*.
50.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is *[amount in local currency]*.

BILL OF QUANTITIES

ITEM OF WORK	QTY.	UNIT	AMOUNT
SCOPE OF WORKS:			
1. GENERAL EXPENSES			
1.1) Mobilization and Demobilization	1.00	l.s.	
1.2) Provide Safety and Health Program	6.00	mos.	
2.DEMOLITION/REMOVAL WORKS			
2.1) Remove and Store Electronic Barrier	2.00	units	
2.2) Remove and Store CCTV Electronics	1.00	lot	
2.3) Demolish, Remove and Dispose Existing Dilapidated Gate 5	1.00	lot	
2.4) Demolish and Dispose Existing Dilapidated Concrete Perimeter Fence	1.00	lot	
2.5) Remove and Store Existing Manhole Steel Cover and Reinforced Concrete Drainage Cover	1.00	lot	
2.6) Demolish, Remove & Dispose Existing Concrete Pavement	403.99	Sq.m.	
2.7) Remove and Relocate Solar Light Post	3.00	units	
3.SUPPLY, SPREAD AND COMPACT FILLER MATERIAL	40.00	cu.m.	
4.PORTLAND CEMENT CONCRETE PAVEMENT	403.99	Sq.m.	
5.SUPPLY AND INSTALL TIE BARS AND DOWEL BARS	1,083.15	Kgs.	
6.REPAIR OF GATE 5			
6.1 Concreting Works			
6.1.1. Reinforced Concrete	77.93	Cu.m.	
6.1.2. Supply & Install Reinforcements	9,450.32	kgs	
6.2 Carpentry Works			
6.2.1. Ceiling	13.11	Sq.m.	
6.2.2. Wooden Cabinets	3.00	units	
6.3 Masonry Works			
6.3.1. 150mm thk CHB	50.47	Sq.m.	
6.3.2. Plastering	75.41	Sq.m.	
6.4 Formworks and Falsework	1	lot	
6.5 Welding Works	80.50	Sq.m.	
6.6. Roofing Works	98.55	Sq.m.	
6.7 Doors & Windows			
6.7.1. Supply and Install Door 1 (D1)	1.00	unit	
6.7.2. Supply and Install Door 2 (D2)	1.00	unit	
6.7.3. Supply and Install Window 1 (W1)	2	units	
6.7.4. Supply and Install Window 2 (W2)	4.43	Sq.m.	
6.7.5. Supply and Install Window 3 (W3)	1.50	Sq.m.	
6.8 Finishes			
6.8.1. Supply and Install 400mm x 400mm Ceramic Unglazed Floor Tiles	15.34	Sq.m.	
6.8.2. Supply and Install 76mm x 260mm Standard Bricks	42.84	Sq.m.	
6.8.3.Supply and Install 400mm x 400mm Decorative Tiles (False Colum)	36.22	Sq.m.	
6.8.4 Supply and Install 400mm x 400mm Wall Tiles	12.32	Sq.m.	
6.8.5. Supply, Fabricate and Install 4.5mm thk. Hot-dipped cut-off metal sheet	1.00	lot	
6.8.6. Supply, Fabricate and Install Decorative Signages	2.00	units	
6.9 Supply, Fabricate and Install Steel Door Gate	2.00	units	

6.10. Supply and Install Electronic Barrier w/ complete Accessories	2.00	units	
6.11. Plumbing Works			
6.11.1. Wall Mounted Lavatory Sink	1.00	Assy.	
6.11.2. Standard Urinal Set	1.00	Assy.	
6.11.3. Stainless Strainer	1.00	set	
6.11.4. Water Supply Line	45.00	l.m.	
6.11.5. Sanitary / Sewerage Line	68.00	l.m.	
6.12. Electrical Works			
6.12.1. Supply and Install Electrical Wirings			
6.12.1.1. 2.0 sq.mm THW Stranded wire	180.00	l.m.	
6,12,1,2. 5.5 sq.mm THW Stranded wire	350.00	l.m.	
6.12.1.3. 8.0 sq.mm THW Stranded wire	150.00	l.m.	
6.12.2 Supply and Install Conduit Pipes			
6.12.2.1. ½" dia. Corrugated flexible U-PVC Electrical Pipe	180.00	l.m.	
6.12.2.2. ½"dia. U-PVC Electrical Pipe	350.00	l.m.	
6.12.2.3. 2"dia. U-PVC Electrical Pipe	150.00	l.m.	
6.12.3. Supply and Install Wiring Devices			
6.12.3.1. 2"x 4" U-PVC Utility Box w/ cover	10.00	Pcs.	
6.12.3.2. 4"x4" U-PVC Junction Box w/ cover	15.00	Pcs.	
6.12.3.3. Two Gang Flush Type Switch	4.00	sets	
6.12.3.4. One Gang Flush Type Switch	1.00	sets	
6.12.3.5. Two Gang Flush Type Convenience Outlet	5.00	sets	
6.12.4. Supply and Install Lighting Fixtures			
6.12.4.1. 23 watts, 4"dia. Pin Light	3.00	Assy.	
6.12.4.2. 20 watts, Led Spot Light	4.00	Assy.	
6.12.4.3. 20 watts Led Wall Lamp	6.00	sets	
6.12.4.4. 100 watts Led Flood Light	2.00	sets	
6.12.5. Supply and Install Panel Board			
6.12.5.1. Six Branches Center-Head Main Circuit Breaker Panel Board, 2P	1.00	set	
6.13. Painting Works			
6.13.1. Metal Surfaces Aluminum Paint Finish	80.50	Sq.m.	
6.13.2. Masonry / Concrete Surfaces	378.54	Sq.m.	
6.13.3. Wooden Surfaces	1.00	lot	
7. CONSTRUCTION OF PERIMETER FENCE			
7.1. Concreting Works			
7.1.1. Reinforced Concrete (Foundation/Slab/Colums/Beams)	27.29	Cu.m.	
7.1.2. Supply and Install Reinforcements	3,631.44	Kgs.	
7.2. Masonry Works			
7.2.1. 100mm thk. CHB wall	103.84	Sq.m.	
7.2.2. 150mm thk. CHB wall	123.52	Sq.m.	
7.2.3. Plastering / Cornering / Moulding	471.54	Sq.m.	
7.2.4. Lean Concrete	1.25	Cu.m.	
7.2.5. Scaffolding Works	350.00	Bd. Ft.	
7.3. Supply, Fabricate and Install Steel Pipe Post Pedestal	26.00	units	
7.4. Supply and Install 18 watts Globe Light	16.00	units	
7.5. Painting Works (Masonry / Concrete Surfaces	565.20	Sq.m.	
8. SUPPLY AND INSTALL CABLE PROTECTION			
8.1. ½"dia. Corrugated Flexible U-PVC Electrical Pipe	350.00	m.	

9.REPAIR OF DRAINAGE CANAL			
9.1. Concreting Works			
9.1.1. Reinforced Concrete (Box Culvert)	2.50	Cu.m.	
9.1.2. Supply and Install Reinforcements	2,420.96	Kgs.	
10.LANDSCAPING WORKS			
10.1. Supply and Spread Garden Soil	3.00	Cu.m.	
10.2. Supply and Place Ornamental Plants	1.00	lot	
TOTAL AMOUNT OF BID (including VAT)			
In words:			

Section VIII. Forms and Qualification Information

TABLE OF CONTENTS

Bid Form	**82**
Form of Bid Security (Bank Guarantee)	**86**
Letter of Acceptance	**88**
Form of Performance Security (Bank Guarantee)	**89**

FORM NO. 9

Bid Form

Date: _____
IAEB[1] N°: **NRP-SUR-01-19**

To: ***Philippine Ports Authority, PMO-Surigao***
Address: ***Port Area, Surigao City***

We, the undersigned, declare that:

(a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract ***Repair of Gate No. 5 Along P. Reyes Street, Port of Surigao, Surigao City.***

(b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet. General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered in item (d) below is: *[insert information]*;

ITEM OF WORK	QTY.	UNIT	AMOUNT
SCOPE OF WORKS:			
1. GENERAL EXPENSES			
1.1) Mobilization and Demobilization	1.00	l.s.	
1.2) Provide Safety and Health Program	6.00	mos.	
2.DEMOLITION/REMOVAL WORKS			
2.1) Remove and Store Electronic Barrier	2.00	units	
2.2) Remove and Store CCTV Electronics	1.00	lot	
2.3) Demolish, Remove and Dispose Existing Dilapidated Gate 5	1.00	lot	
2.4) Demolish and Dispose Existing Dilapidated Concrete Perimeter Fence	1.00	lot	
2.5) Remove and Store Existing Manhole Steel Cover and Reinforced Concrete Drainage Cover	1.00	lot	
2.6) Demolish, Remove & Dispose Existing Concrete Pavement	403.99	Sq.m.	
2.7) Remove and Relocate Solar Light Post	3.00	units	
3.SUPPLY, SPREAD AND COMPACT FILLER MATERIAL	40.00	cu.m.	
4.PORTLAND CEMENT CONCRETE PAVEMENT	403.99	Sq.m.	
5.SUPPLY AND INSTALL TIE BARS AND DOWEL BARS	1,083.15	Kgs.	
6.REPAIR OF GATE 5			
6.1 Concreting Works			
6.1.1. Reinforced Concrete	77.93	Cu.m.	
6.1.2. Supply & Install Reinforcements	9,450.32	kgs	
6.2 Carpentry Works			
6.2.1. Ceiling	13.11	Sq.m.	
6.2.2. Wooden Cabinets	3.00	units	
6.3 Masonry Works			

6.3.1. 150mm thk CHB	50.47	Sq.m.	
6.3.2. Plastering	75.41	Sq.m.	
6.4 Formworks and Falsework	1	lot	
6.5 Welding Works	80.50	Sq.m.	
6.6. Roofing Works	98.55	Sq.m.	
6.7 Doors & Windows			
6.7.1. Supply and Install Door 1 (D1)	1.00	unit	
6.7.2. Supply and Install Door 2 (D2)	1.00	unit	
6.7.3. Supply and Install Window 1 (W1)	2	units	
6.7.4. Supply and Install Window 2 (W2)	4.43	Sq.m.	
6.7.5. Supply and Install Window 3 (W3)	1.50	Sq.m.	
6.8 Finishes			
6.8.1. Supply and Install 400mm x 400mm Ceramic Unglazed Floor Tiles	15.34	Sq.m.	
6.8.2. Supply and Install 76mm x 260mm Standard Bricks	42.84	Sq.m.	
6.8.3.Supply and Install 400mm x 400mm Decorative Tiles (False Colum)	36.22	Sq.m.	
6.8.4 Supply and Install 400mm x 400mm Wall Tiles	12.32	Sq.m.	
6.8.5. Supply, Fabricate and Install 4.5mm thk. Hot-dipped cut-off metal sheet	1.00	lot	
6.8.6. Supply, Fabricate and Install Decorative Signages	2.00	units	
6.9 Supply, Fabricate and Install Steel Door Gate	2.00	units	
6.10. Supply and Install Electronic Barrier w/ complete Accessories	2.00	units	
6.11. Plumbing Works			
6.11.1. Wall Mounted Lavatory Sink	1.00	Assy.	
6.11.2. Standard Urinal Set	1.00	Assy.	
6.11.3. Stainless Strainer	1.00	set	
6.11.4. Water Supply Line	45.00	l.m.	
6.11.5. Sanitary / Sewerage Line	68.00	l.m.	
6.12. Electrical Works			
6.12.1. Supply and Install Electrical Wirings			
6.12.1.1. 2.0 sq.mm THW Stranded wire	180.00	l.m.	
6,12,1,2. 5.5 sq.mm THW Stranded wire	350.00	l.m.	
6.12.1.3. 8.0 sq.mm THW Stranded wire	150.00	l.m.	
6.12.2 Supply and Install Conduit Pipes			
6.12.2.1. ½" dia. Corrugated flexible U-PVC Electrical Pipe	180.00	l.m.	
6.12.2.2. ½"dia. U-PVC Electrical Pipe	350.00	l.m.	
6.12.2.3. 2"dia. U-PVC Electrical Pipe	150.00	l.m.	
6.12.3. Supply and Install Wiring Devices			
6.12.3.1. 2"x 4" U-PVC Utility Box w/ cover	10.00	Pcs.	
6.12.3.2. 4"x4" U-PVC Junction Box w/ cover	15.00	Pcs.	
6.12.3.3. Two Gang Flush Type Switch	4.00	sets	
6.12.3.4. One Gang Flush Type Switch	1.00	sets	
6.12.3.5. Two Gang Flush Type Convenience Outlet	5.00	sets	
6.12.4. Supply and Install Lighting Fixtures			
6.12.4.1. 23 watts, 4"dia. Pin Light	3.00	Assy.	
6.12.4.2. 20 watts, Led Spot Light	4.00	Assy.	
6.12.4.3. 20 watts Led Wall Lamp	6.00	sets	
6.12.4.4. 100 watts Led Flood Light	2.00	sets	
6.12.5. Supply and Install Panel Board			
6.12.5.1. Six Branches Center-Head Main Circuit Breaker Panel Board, 2P	1.00	set	

6.13. Painting Works			
6.13.1. Metal Surfaces Aluminum Paint Finish	80.50	Sq.m.	
6.13.2. Masonry / Concrete Surfaces	378.54	Sq.m.	
6.13.3. Wooden Surfaces	1.00	lot	
7. CONSTRUCTION OF PERIMETER FENCE			
7.1. Concreting Works			
7.1.1. Reinforced Concrete (Foundation/Slab/Colums/Beams)	27.29	Cu.m.	
7.1.2. Supply and Install Reinforcements	3,631.44	Kgs.	
7.2. Masonry Works			
7.2.1. 100mm thk. CHB wall	103.84	Sq.m.	
7.2.2. 150mm thk. CHB wall	123.52	Sq.m.	
7.2.3. Plastering / Cornering / Moulding	471.54	Sq.m.	
7.2.4. Lean Concrete	1.25	Cu.m.	
7.2.5. Scaffolding Works	350.00	Bd. Ft.	
7.3. Supply, Fabricate and Install Steel Pipe Post Pedestal	26.00	units	
7.4. Supply and Install 18 watts Globe Light	16.00	units	
7.5. Painting Works (Masonry / Concrete Surfaces	565.20	Sq.m.	
8. SUPPLY AND INSTALL CABLE PROTECTION			
8.1. ½"dia. Corrugated Flexible U-PVC Electrical Pipe	350.00	m.	
9.REPAIR OF DRAINAGE CANAL			
9.1. Concreting Works			
9.1.1. Reinforced Concrete (Box Culvert)	2.50	Cu.m.	
9.1.2. Supply and Install Reinforcements	2,420.96	Kgs.	
10.LANDSCAPING WORKS			
10.1. Supply and Spread Garden Soil	3.00	Cu.m.	
10.2. Supply and Place Ornamental Plants	1.00	lot	
TOTAL AMOUNT OF BID (including VAT)			
In words:			

The discounts offered and the methodology for their application are: *[insert information]*;

(c) Our Bid shall be valid for a period of *[insert number]* days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price in the form of *[insert form of performance security]* for the due performance of the Contract;

(e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: *[insert information]*;

(f) 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;

(g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;

(h) 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

(i) We understand that you are not bound to accept the Lowest Evaluated Bid or any other Bid that you may receive.

Name: _____

In the capacity of: _____

Signed: _____

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

Date: _____

Form of Bid Security (Bank Guarantee)

WHEREAS, *[insert name of Bidder]* (hereinafter called the "Bidder") has submitted his bid dated *[insert date]* for the *[insert name of contract]* (hereinafter called the "Bid").

KNOW ALL MEN by these presents that We *[insert name of Bank]* of *[insert name of Country]* having our registered office at *[insert address]* (hereinafter called the "Bank" are bound unto *[insert name of PROCURING ENTITY]* (hereinafter called the "Entity") in the sum of *[insert amount]*[2] for which payment well and truly to be made to the said Entity the Bank binds himself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20___.

THE CONDITIONS of this obligation are:

1. If the Bidder:

   (a) withdraws his Bid during the period of bid validity specified in the Form of Bid; or

   (b) does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder; or

2. If the Bidder having been notified of the acceptance of his bid by the Employer during the period of bid validity:

   (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or

   (b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders.

We undertake to pay to the Entity up to the above amount upon receipt of his first written demand, without the Entity having to substantiate his demand, provided that in his demand the Entity will note that the amount claimed by him is due to him owing to the occurrence of one or both of the two (2) conditions, specifying the occurred condition or conditions.

---

[2] *The Bidder should insert the amount of the guarantee in words and figures. denominated in the currency of the Entity's country or an equivalent amount in a freely convertible currency. This figure should be the same as shown of the Instructions to Bidders.*

The Guarantee will remain in force up to and including the date *[insert days]*[3] days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE_____ SIGNATURE OF THE BANK_____

WITNESS _____ SEAL _____

_____
(Signature, Name and Address)

---

[3] *If the Funding Source is ADB, JBIC, or WB, usually 28 days after the end of the validity period of the Bid. Date should be inserted by the Entity before the Bidding Documents are issued.*

Letter of Acceptance

[Letterhead of the Entity]

Date: *[insert date]*

To: *[Name and address of Contractor]*

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of Contract and identification number as given in the ITB]* for the Contract Price of *[insert amount in specified currency]* , as corrected and or modified[4] if applicable, in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are hereby instructed to come to our office located at *[insert address]* to sign the formal agreement on *[date]* at *[time]*.

Authorized Signature: _____

Name: _____

Designation: _____

[4] *Delete "corrected and" or "corrected and modified" if not applicable.*

Form of Performance Security (Bank Guarantee)

To : *[Name of PROCURING ENTITY]*

[Address of PROCURING ENTITY]

WHEREAS, *[name and address of contractor]* (hereinafter called the "Contractor") has undertaken, in pursuance of Contract No. *[insert number]* dated *[insert date]* to execute *[name of Contract and brief description of Works]* (hereinafter called the "Contract");

AND WHEREAS, it has been stipulated by you in the said Contract that the contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS, we have agreed to give the contractor such a Bank Guarantee;

NOW THEREFORE, we hereby affirm that we are the Guarantor and responsible to you, on behalf of the contractor, up to a total of *[insert amount of Guarantee in numbers and in words]*[5] such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of *[amount of Guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of demand of the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

---

[5] *An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, and denominated in the specified currency.*

This Guarantee shall be valid until a date twenty eight (28) days from the date of issue of the Certificate of Completion.

Signature and seal of the Guarantor _____

Name of Bank_____

Address_____

Date _____

FORM NO. 1

EXPERIENCE RECORD OF APPLICANT FIRM/CONTRACTOR

List of all government and private construction contracts completed, which are similar in nature and complexity of the contract to be bid as described/enumerated in the Scope of Works as advertised in the Invitation to Apply for Eligibility and to Bid adjusted to current prices using the National Statistics Office consumer price indices and at least 50% of the "Approved Budget for the Contract" to be bid as indicated in the same Invitation.

Name of the Contract or Title of the Project 1]	Owner's Name and Address	Nature/Scope of Work 2]	Contractor's Role (in percentage) 3]	Total Contract Value At		Date of Award 5]	Contract Duration 5]	
				Project Completion Date	Escalated Vlue to Present Prices 4]		Start	Completed

NOTE: Submit the Certificate of Completion Certificate of Acceptance by the project owner, Final Recapitulation Bill of Quantities and or Constructors Performance Evaluation System (CPES) ratings, 1st, 2nd & Final visit (if applicable). Projects with no Crtificate of Completion Acceptance and Recapitulation Bill of Quantities shall not be considered.

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date: _____

NOTES:

1] As appearing or defined in the contract entered executed by the parties

2] With special reference to the Scope of Works as described enumerated in the advertised Invitation to Apply for Eligibility and to Bid

3] Indicate whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture Consortium

4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso. Specify the "Escalation Factor" used to escalate the Contract Value from completion date to the advertisement date of the Invitation to Apply for Eligibility and to Bid per section 23.11.2 (3) of R. A. 9184

5] State Month and Year

FORM NO. 2

BREAKDOWN OF MAJOR OPERATIONS OF SIMILARLY COMPLETED PROJECTS

Major Operations of Works	Unit of Measure	Quantity 1]	(To be filled-Up by the Contractor/Applicant)						
			Similar Major Operations of Works 2]					Unit of Measure	Quantity 3]
			Project No. 1	Project No. 2	Project No. 3	Project No. 4	Project No. 5		

_____

Authorized Signing Official

Date: _____

NOTES:

1] Quantities indicated above represent the 50% requirement of the major operations of project works

2] Similar major operation of work for completed projects as enumerated in Form VIII. Items and Quantities of projects not indicated in the said form shall not be considered.

3] Quantities as appearing or indicated in the Final Recapitulation Bill of Quantities of similarly completed projects as enumerated in Form VIII

FORM NO. 3

1. LIST OF ALL ON-GOING GOVERNMENT AND PRIVATE CONSTRUCTION CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED.

Names of the Contract or Title of the Project 1]	Owner's Name and Address	Nature/Scope of Work 2]	Contractor's Role (in percentage) 3]	Total Contract Value at Award	Date of Award	% of Accomplishment		Value of Outstanding Works	Estimated Time of Completion
						Planned	Actual		
a) Government Contracts i. On - going ii. Awarded but not yet started b. Private Contracts i. On - going ii. Awarded but not yet started									

Submit the Notice of Award/Notice to Proceed of the above-mentiond projects/contracts.

_____

Name of Firm/Applicant

Authorized Signing Official

Date: _____

NOTES:

1] As appearing or defined in the contract entered executed by the parties

2] Indicate whether as Sole Contractor, Sub-Contractor or Partner in a Joint Venture

3] Physical accomplishment as of the end of the month previous to the month of advertisement of the Invitation to Apply and to Bid of the project under consideration

FORM NO. 4

FINANCIAL DATA

A. Summary of the Applicant Firm's/Contractor's assets and liabilities on the basis of the attached audited financial statements, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year.

	Year 2018
1. Total Assets	
2. Current Assets	
3. Total Liabilities	
4. Current Liabilities	
5. Networth (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 submitted to the BIR.

The Bidder shall attach the Audited Financial Statement to the NFCC Computation for Eligibility Check Form.

Submitted by:

_____
Name of Firm Applicant

_____
Authorized Signing Official

Date : _____

NOTES: If partnership or Joint Venture, each partner or Member Firm of Joint Venture shall submit separate financial statements.

FORM NO. 6

STATEMENT ON AVAILABILITY OF KEY PERSONNEL

I hereby declare that the following key personnel enumerated below for the various position/functions, namely: Project Manager, Project Engineer, Materials Engineer, Construction Safety/Health Officer and Foreman are available for the project applied for:

Position in the Firm (PM, PE, Mat'ls. Engr., etc.)	Name	PRC Registration (if applicable)		Experience in the Position (Years)	No. of Years with the Firm
		Number	Expiry Date mm/dd/yyyy		
Project Manager					
Project Engineer					
Materials Engineer					
Const. Safety & Health Officer		N/A	N/A		
Foreman		N/A	N/A		

NOTE: 1. Minimum qualification requirement:

Project Manager - Civil Engineer w/ at least 5 yrs. Related Experience
Project Engineer - Civil Engineer w/ at least 5 yrs. Related Experience
Materials Engineer - Two (2) years experience with valid DPWH Certification of Accreditation
Foreman - Five (5) years of related experience
Construction Safety/Health Officer - One (1) Year experience and with at least 24 hrs. of related training (Submit Certificate of Training

2. Attach valid PTR for Project Manager, Project Engineer & Materials Engineer

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date: _____

FORM NO. 7

STATEMENT ON AVAILABILITY OF CONSTRUCTION EQUIPMENT

I hereby declare that the following equipment listed below which are owned, under lease or under purchase agreement are in good operating condition and are available for the project applied for, to wit:

No. of Units	DESCRIPTION (Type, Model, Make)	Manufacturer	Model/ Plate No.	Capacity Output	Engine No. (If applicable)	Chassis No. (If applicable)	Owned or Leased 1]
1 unit	Backhoe with Breaker						
1 unit	Concrete Saw Gasoline Self Propelled						
1 unit	Backhoe (90hp capacity)						
1 unit	Dumptruck (10.0 cu.m.)						
1 unit	Oxy-Acetylene Cutting Outfit						
1 unit	Boomtruck (3tons capacity)						
1 unit	Mini Dumptruck						
1 unit	Road Roller						
2 units	Plate compactor						
1 unit	Transit Mixer (5.0 cu.m. capacity)						
2 units	Concrete Vibrator						
1 unit	Vibratory Screed						
1 unit	Bar/shear Cutter						
2 units	One bagger concrete mixer						
1 unit	Welding Machine Electric Driven						
1 unit	Electric Grinder						
1 unit	Electric Cutting Wheel						

1] Indicate if owned or leased as listed in the Equipment Requirements of the Invitation to Apply for Eligibility and to Bid. For owned equipment, as required, ***submit proof of ownership (deed of sale, sales invoice, official receipt, LTO official receipt(unexpired) and Certificate of Registration)****. For leased equipment, submit duly notarized copy of lease contract.*

_____
Name of Firm/Applicant

_____
Authorized Signing Official
Date : _____

Omnibus Sworn Statement

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 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 of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

   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 and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)]*;

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;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

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: I am 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 following responsibilities as a Bidder:

   a) Carefully examine all of the Bidding Documents;

   b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;

   c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and

d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this _____day of _____20___, affiant Exhibiting to me his/her Community Tax Certificate No._____ issued on _____at_____, Philippines.

_____
Notary Public

Doc. No._____
Page No._____
Book No._____
Series of_____



PERSPECTIVE PERSPECTIVE PERSPECTIVE

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

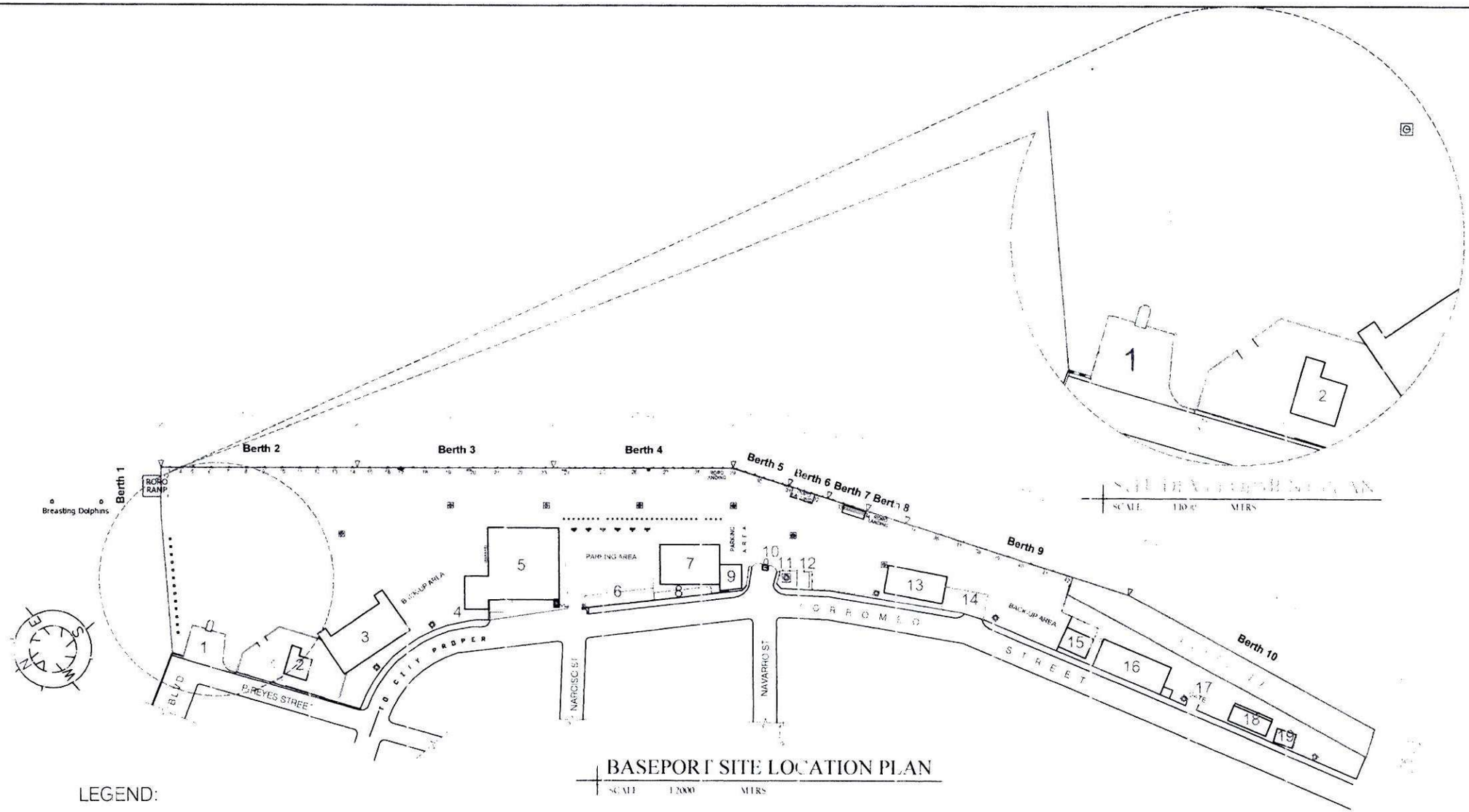
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	EISD Manager	Port Manager

SHEET CONTENTS

PERSPECTIVE

SHEET NO. 1 / 20 / A



BASEPORT SITE LOCATION PLAN

SCALE 1:2000 MTRS

LEGEND:

1	GATE - 5A & 5E GUARDHOUSE	6	PPA CARPORT	11	RESERVOIR & ELEVATED WATER TANK	16	BUREAU OF CUSTOMS
2	PM's QUARTER	7	PPA ADMIN BUILDING	12	PUMP HOUSE	17	SOUTH ENTRANCE/EXIT GATE
3	CARGO SHED-2	8	STORE ROOMS	13	CARGO SHED-1	18	PHIL COAST GUARD
4	POWER HOUSE	9	PORT INTEGRATED CLEARANCE OFFICE	14	MOTORPOOL (ARRASTRE)	19	DOTC Sub-Office
5	EVA MACAPAGAL PASSENGER TERMINAL BUILDING	10	GATE - 1 2A, 2B & GUARDHOUSE	15	MARINA OFFICE		

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE: REPAIR OF GATE NO.5 ALONG P. REYES STREET

LOCATION: BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS

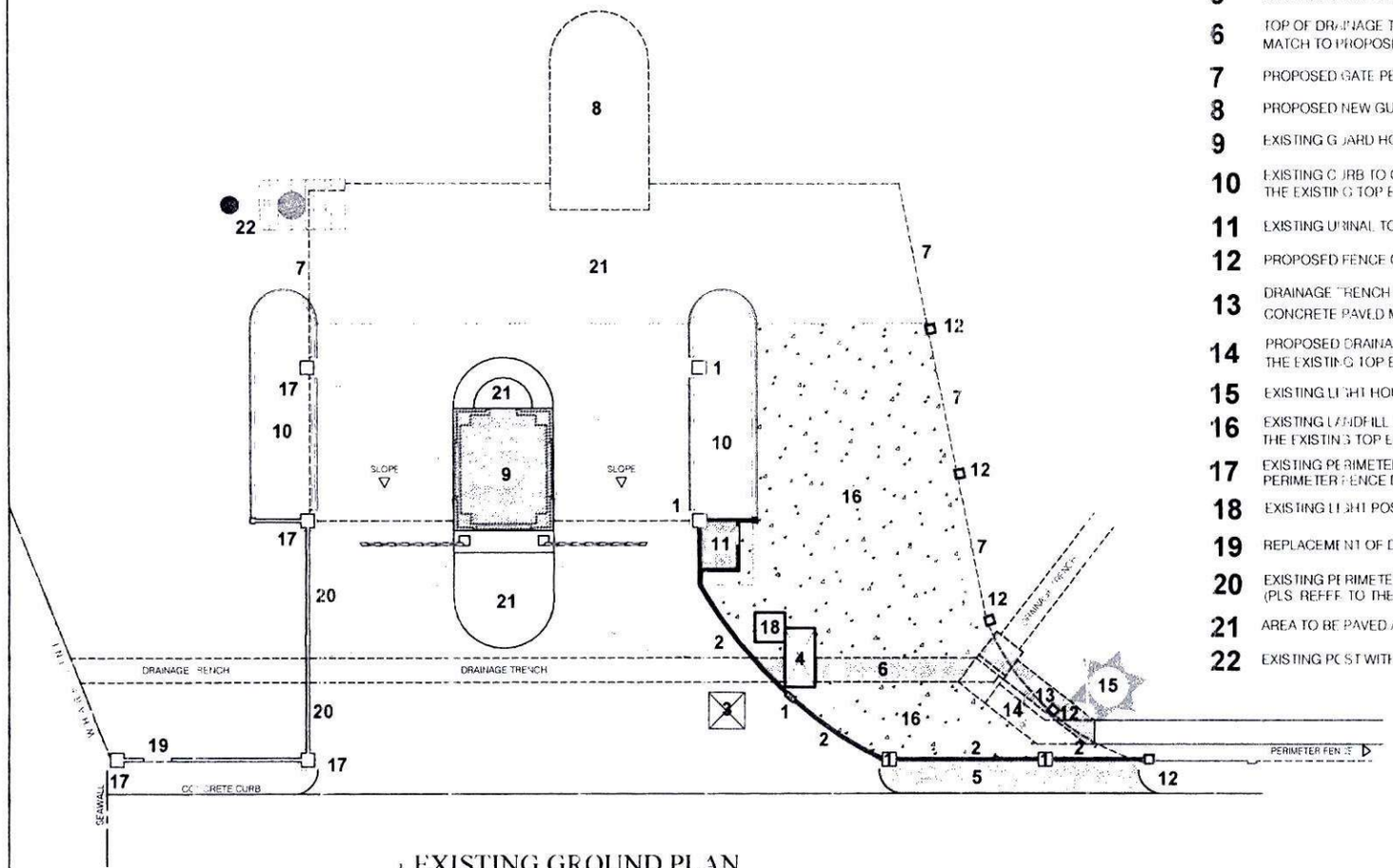
BASEPORT SITE LOCATION PLAN
SITE DEVELOPMENT PLAN

SHEET NO. 2/20/A

SHEET 2 OF 47

PARTICULARS:

1. EXISTING COLUMNS TO BE DEMOLISHED
2. EXISTING FENCE TO BE DEMOLISHED
3. EXISTING DRAINAGE MANHOLE TO BE REPAIRED
4. EXISTING ELECTRICAL SYSTEM PEDESTAL TO BE TRANSFERRED
5. EXISTING CANAL COVER TO BE CUT OFF
6. TOP OF DRAINAGE TRENCH TO BE CUT-OFF AND MATCH TO PROPOSED PAVEMENT TOP ELEVATION
7. PROPOSED GATE PERIMETER LINE
8. PROPOSED NEW GUARD HOUSE
9. EXISTING GUARD HOUSE TO BE DEMOLISHED, AND MATCH THE EXISTING TOP PAVEMENT ELEVATION
10. EXISTING CURB TO CHIPPED OFF, THEN CONCRETE PAVED MATCHING THE EXISTING TOP ELEVATION OF EXISTING GATE ENTRANCE PAVEMENT
11. EXISTING URINAL TO BE DEMOLISHED AND ALL FIXTURES TO BE TRANSFERRED
12. PROPOSED FENCE COLUMN
13. DRAINAGE TRENCH TO BE CONDEMN AND TRANSFER TO NUMBER 14 , THEN THE CONCRETE PAVED MATCHING THE EXISTING TOP ELEVATION OF EXISTING GATE ENTRANCE PAVEMENT
14. PROPOSED DRAINAGE TRENCH THEN CONCRETE PAVED MATCHING THE EXISTING TOP ELEVATION OF EXISTING GATE ENTRANCE PAVEMENT
15. EXISTING LIGHT HOUSE
16. EXISTING LANDFILL TO BE CUT OFF, THEN CONCRETE PAVED MATCHING THE EXISTING TOP ELEVATION OF EXISTING GATE ENTRANCE PAVEMENT
17. EXISTING PERIMETER FENCE TO BE CUT-OFF (PLS. REFER TO THE PROPOSED PERIMETER FENCE DESIGN & ELEVATION
18. EXISTING LIGHT POST TO BE TRANSFERRED
19. REPLACEMENT OF DILAPIDATED STEEL GATE
20. EXISTING PERIMETER FENCE TO BE CUT-OFF AND REMOVED THE DAMAGED BRICKS (PLS. REFER TO THE PROPOSED PERIMETER FENCE DESIGN & ELEVATION)
21. AREA TO BE PAVED AND MATCHED TO THE EXISTING PAVEMENT AREA
22. EXISTING POST WITH SINGLE SOLAR LAMP TO BE TRANSFERRED (NEW LOCATION TO BE VERIFY)

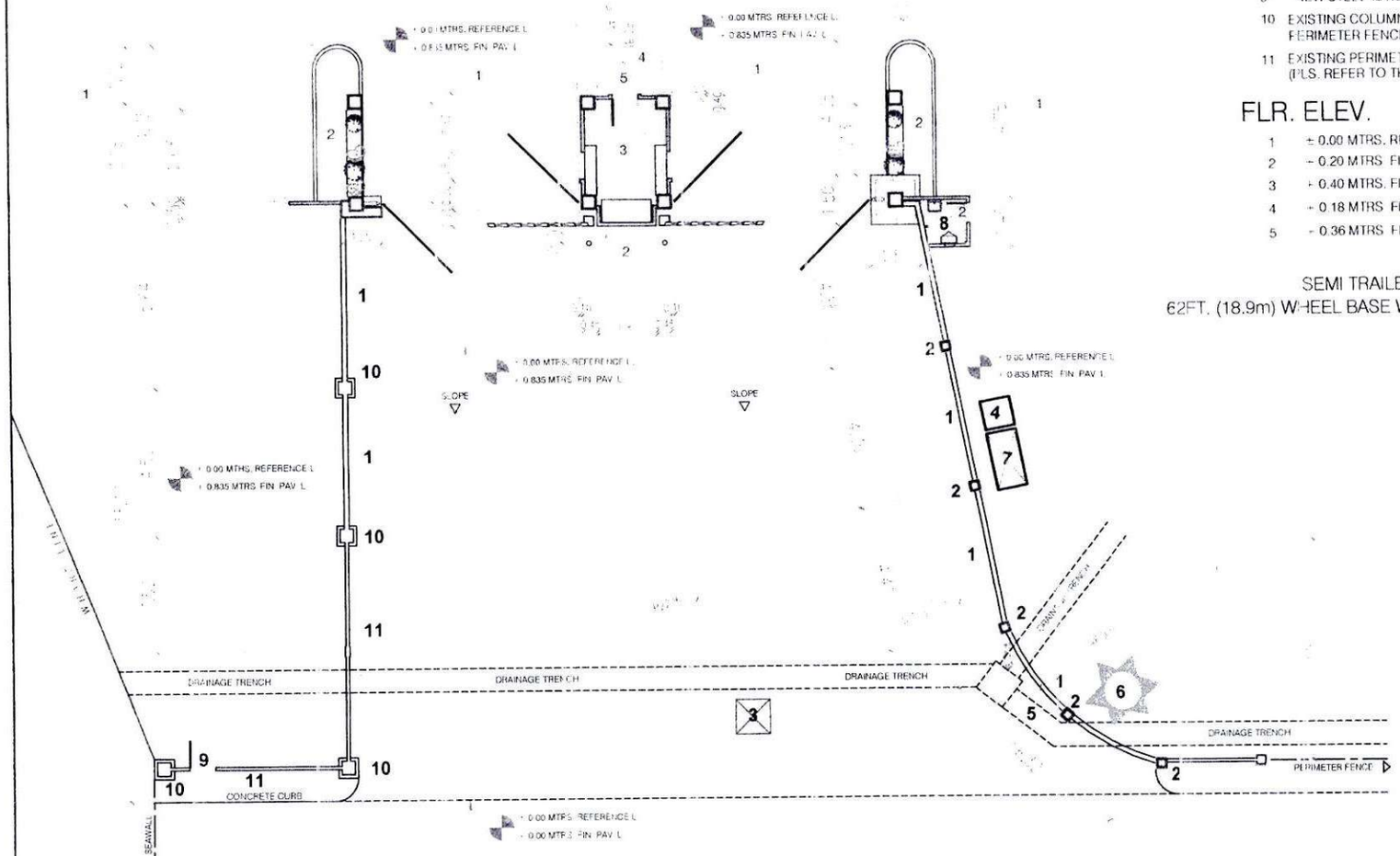


EXISTING GROUND PLAN

SCALE 1:150 METERS

PHILIPPINE PORTS AUTHORITY — PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO. 3/20/A
	LOCATION	BASEPORT, SURIGAO CITY		EXISTING GROUND PLAN	
PREPARED BY: RANDY Y. TUSALEM, Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ, Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS, Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON, ESD Manager	APPROVED BY: MILDRED J. PADILLA, Port Manager	SHEET 3 OF 47

SEMI TRAILER TURN WITH
62FT. (*8.9m) WHEEL BASE WHEEL BASE (RADIUS = 75FT.)



LEGEND:

1. 6"THK CHB FENCE W/ PLASTERED FINISH(PAINTED)
2. NEW COLUMN OF CONCRETE FENCE
3. DRAINAGE MANHOLE
4. NEW LIGHT POST LOCATION
5. DRAINAGE TRENCH
6. LIGHT HOUSE
7. NEW ELECTRICAL SYSTEM PEDESTAL LOCATION
8. NEW URINAL
9. NEW STEEL GATE
10. EXISTING COLUMN TO BE CUT-OFF (PLS. REFER TO THE PROPOSED PERIMETER FENCE DESIGN & ELEVATION)
11. EXISTING PERIMETER FENCE TO BE CUT OFF AND REMOVED THE DAMAGED BRICKS (PLS. REFER TO THE PROPOSED PERIMETER FENCE DESIGN & ELEVATION)

FLR. ELEV.

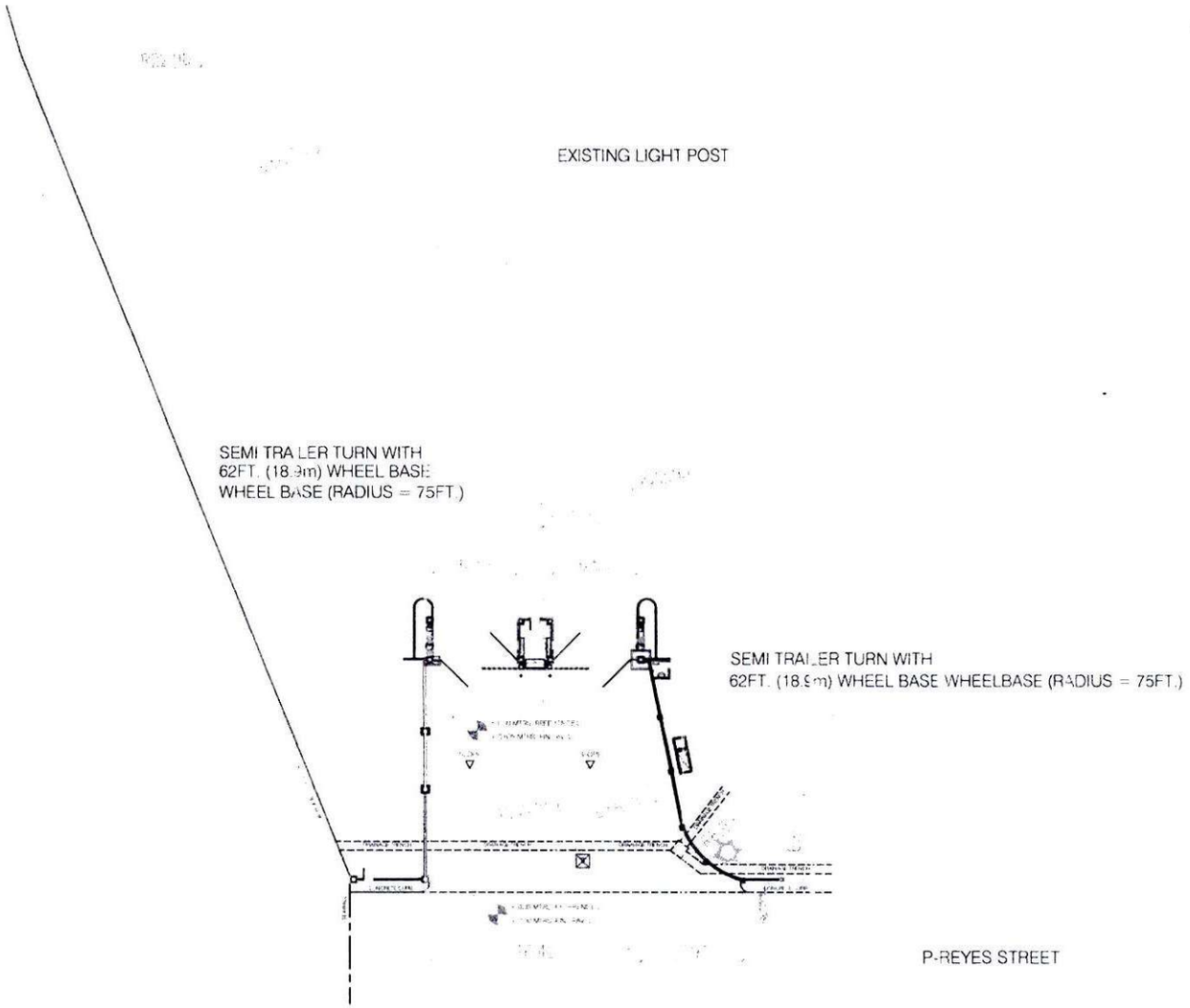
1. ± 0.00 MTRS. REFERENCE L.
2. + 0.20 MTRS. FIN. FLR. LINE
3. + 0.40 MTRS. FIN. FLR. LINE
4. + 0.18 MTRS. FIN. FLR. LINE
5. + 0.36 MTRS. FIN. FLR. LINE

SEMI TRAILER TURN WITH
62FT. (18.9m) WHEEL BASE WHEELBASE (RADIUS = 75FT.)

PROPOSED GROUND PLAN

SCALE 1:150 METRS.

PHILIPPINE PORTS AUTHORITY	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO. 4 / 20 A
	LOCATION	BASEPORT, SURIGAO CITY		PROPOSED GROUND PLAN	
PREPARED BY: RANDY Y. TUSALEM	REVIEWED BY: CARLSON JAY E. MARTINEZ	CHECKED BY: LAWRENCE L.E. CAGAS	SUBMITTED BY: ROLANDO C. BUCTON	APPROVED BY: MILDRED J. PADILLA	SHEET 4 OF 47



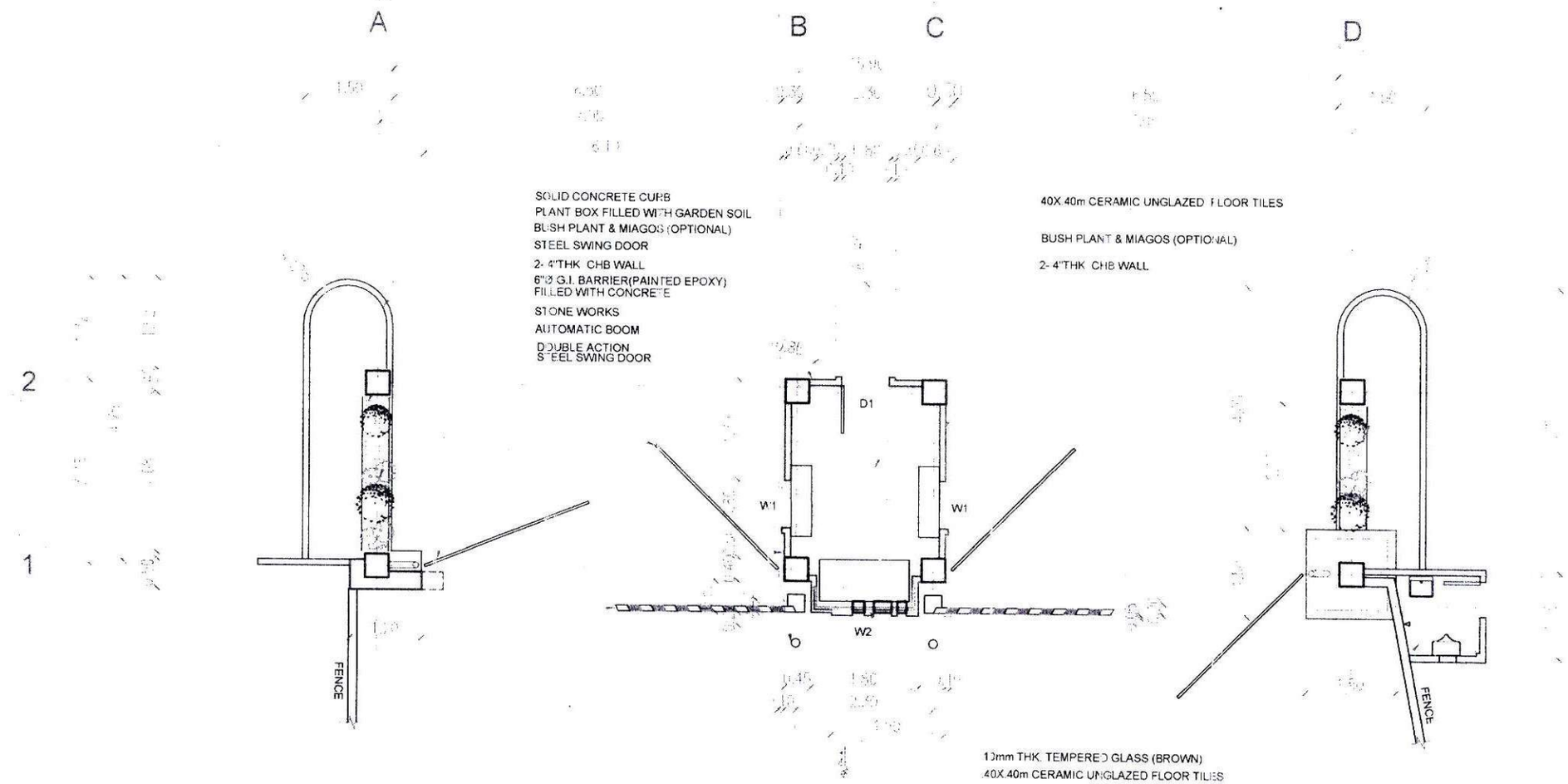
PROPOSED GROUND PLAN (TRAILER TURNING POINT)

SCALE 1:400 METRS.

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				PROPOSED GROUND PLAN (TRAILER TURNING POINT)
	PREPARED BY **RANDY Y. TUSALEM** Engineering Assistant A	REVIEWED BY **CARLSON JAY E. MARTINEZ** Senior Engineer A	CHECKED BY **LAWRENCE L.E. CAGAS** Principal Engineer A	SUBMITTED BY **ROLANDO C. BUCTON** BSD Manager	APPROVED BY **MILDRED J. PADILLA** Port Manager		

SHEET NO. 5 20 A

SHEET 5 OF 47



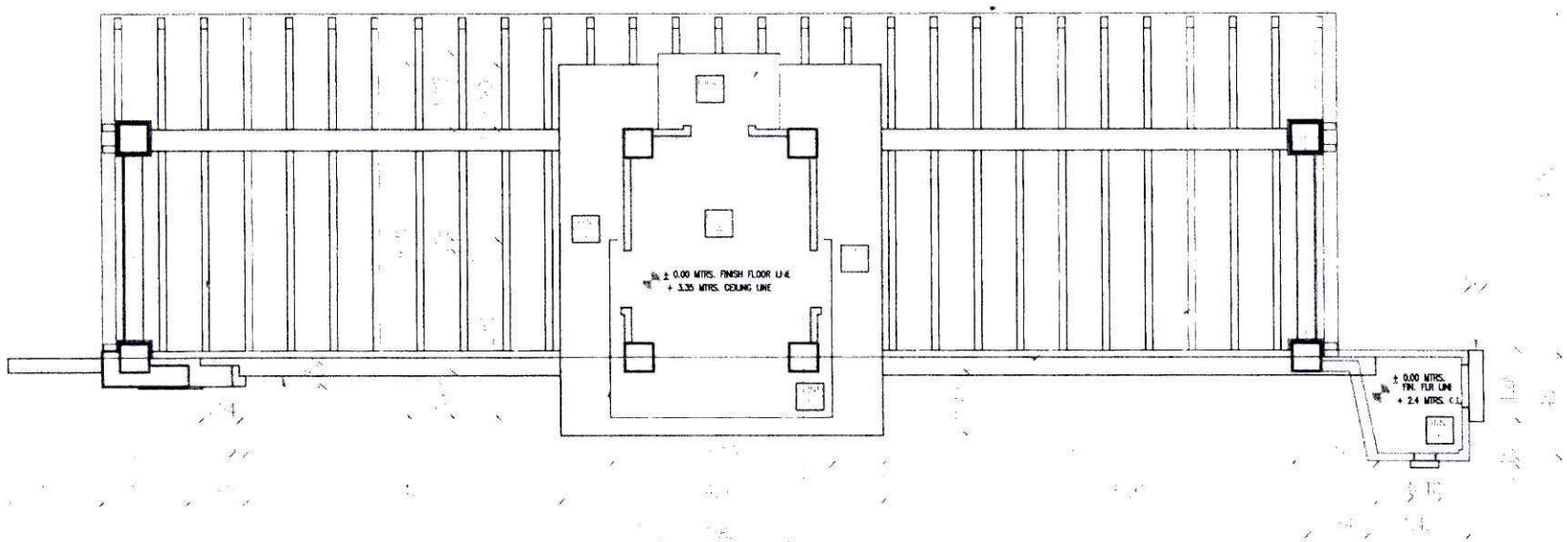
GUARD HOUSE AND GATE PLAN

SCALE 1:75 MTRS

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY		GUARD HOUSE AND GATE PLAN	6 / 20 A
PREPARED BY: RANDY Y. TUSALEM, Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ, Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS, Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON, BSD Manager	APPROVED BY: MILDRED J. PADILLA, Port Manager	SHEET 6 OF 47

A B C D

SOLID CONCRETE CANOPY



DECORATIVE ARCH
200mm THK.CONCRETE CANOPY
100mm x 200mm STRUCTURAL SQUARE BAR TRELLIS PAINTED W/ RED OXIDE

FLOOR LEVEL
CEILING FINISHES

A. 1/4" thk. MARINE PLYWOOD - WITH 50mmX50mm WOOD CEILING JOIST PAINTED WITH FLAT FINISHED.

B. 1/4" thk. MARINE PLYWOOD - WITH 50mmX50mm WOOD CEILING JOIST PAINTED WITH ACRYLIC FLAT FINISHED.

C. SOLID CONCRETE CANOPY

GUARD HOUSE REFLECTED CEILING PLAN

SCALE 1/25 METRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

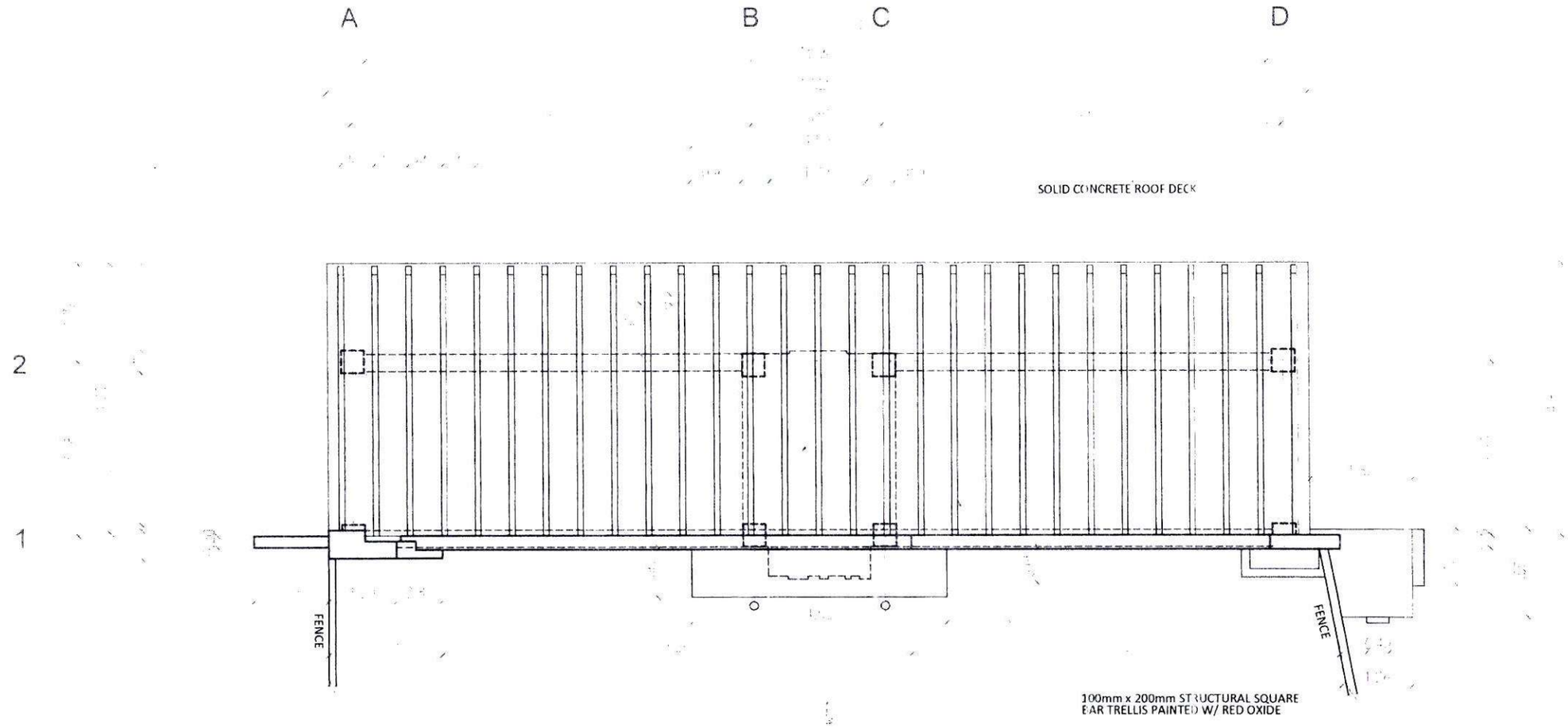
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON EDD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS
GUARD HOUSE REFLECTED CEILING PLAN

SHEET NO. 7/20A

SHEET 7 OF 47



ROOF PLAN WITH TRELLIS

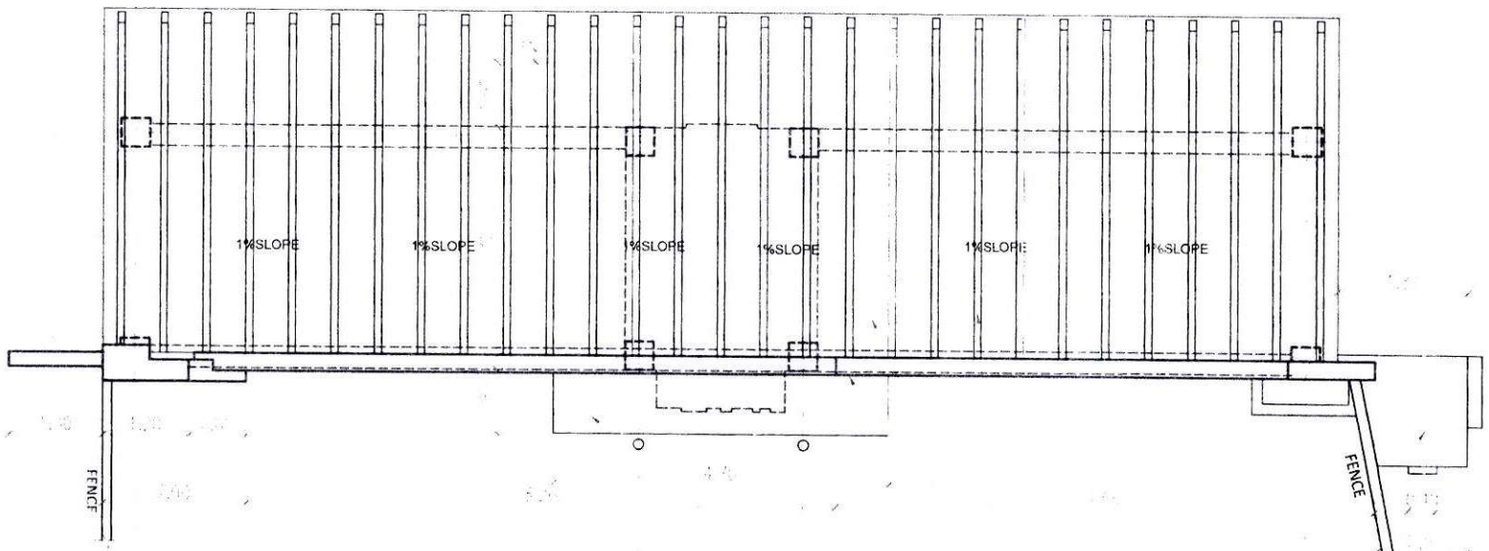
SCALE 1:75 METERS

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				ROOF PLAN WITH TRELLIS
	PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON EDD Manager	APPROVED BY MILDRED J. PADILLA Port Manager	SHEET NO. 8 20 A SHEET 8 OF 47

A B C D

2

1



100mm x 200mm STRUCTURAL SQUARE BAR TRELLIS PAINTED W/ RED OXIDE

1/4"thk.(BLUE) SOLID POLYCARBONATE SHEET

DECORATIVE ARCH

100mm THK. SOLID CONCRETE ROOF

100mm THK. SOLID CONCRETE CANOPY W/ 50mmX50mm CONCRETE WATER STOPPER

ROOF PLAN

SCALE 1:75 MTRS

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

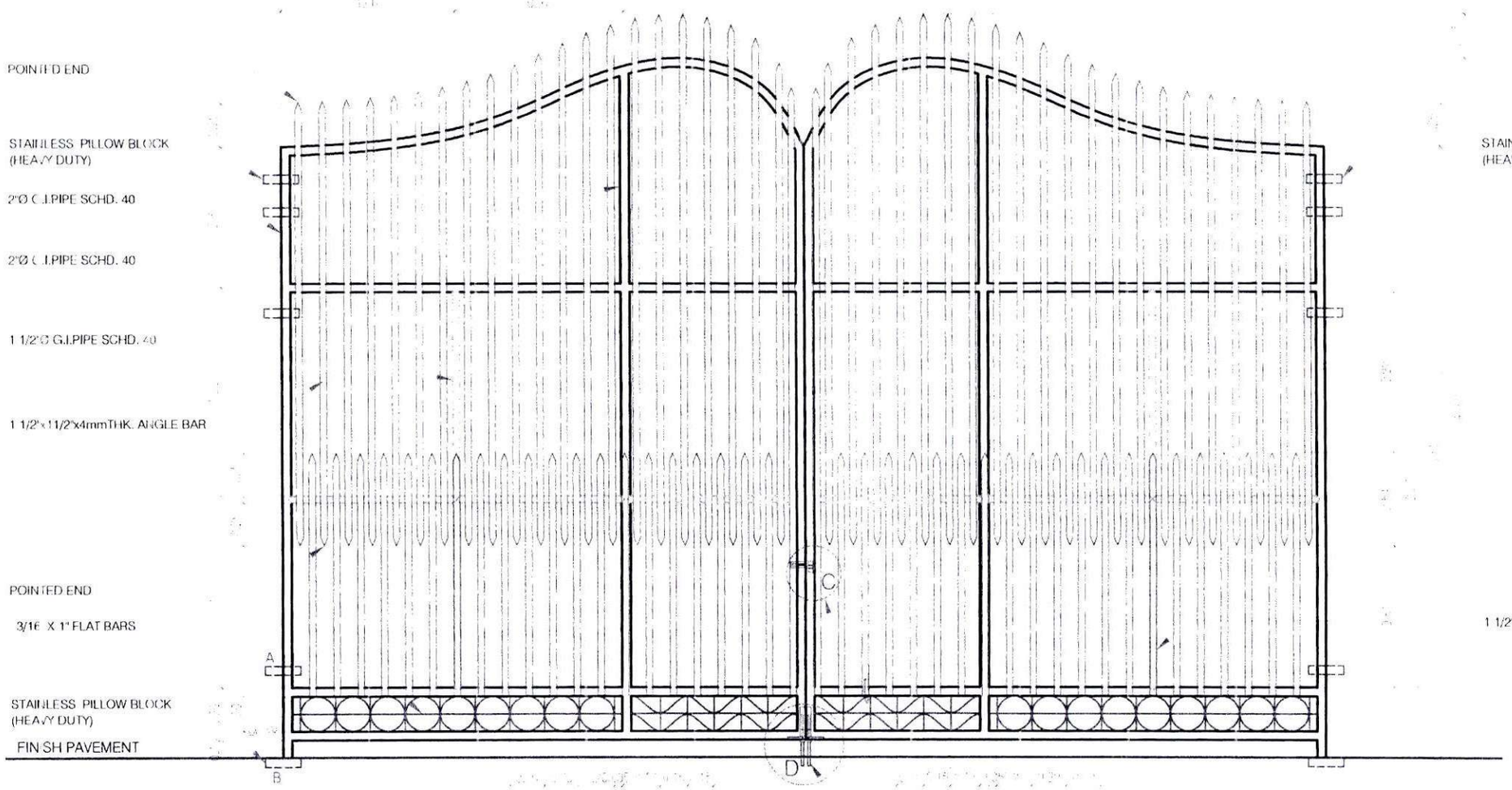
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS

ROOF PLAN

SHEET NO. 9/20A



DOOR GATE DETAIL

SCALE 1:25 MTRS

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

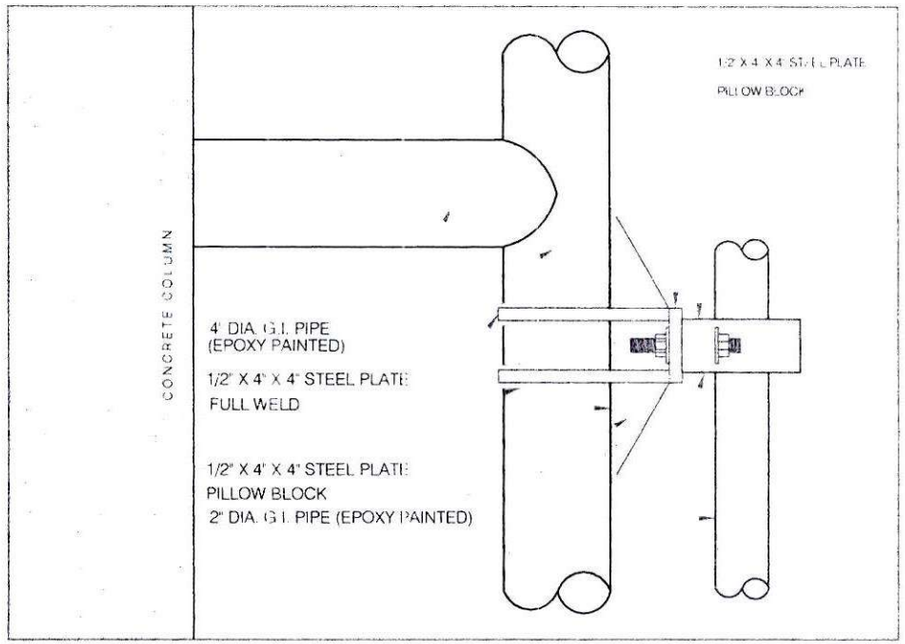
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESU Manager	Port Manager

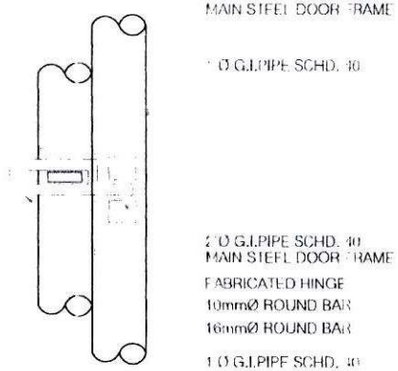
SHEET CONTENTS

DOOR GATE DETAIL

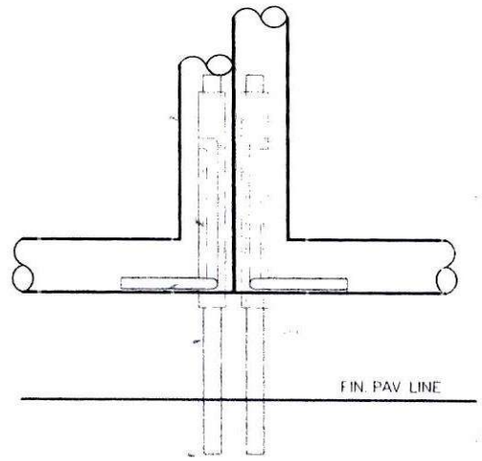
SHEET NO. 10/20/A



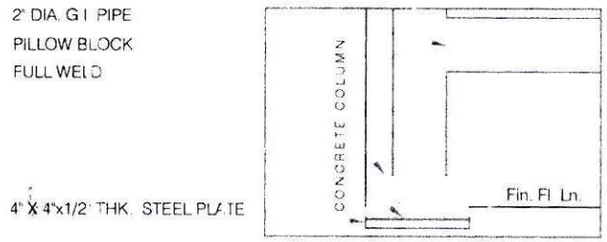
DETAIL A



DETAIL C



DETAIL D



DETAIL B

DOOR GATE DETAIL

SCALE: 1:5 MTRS.

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

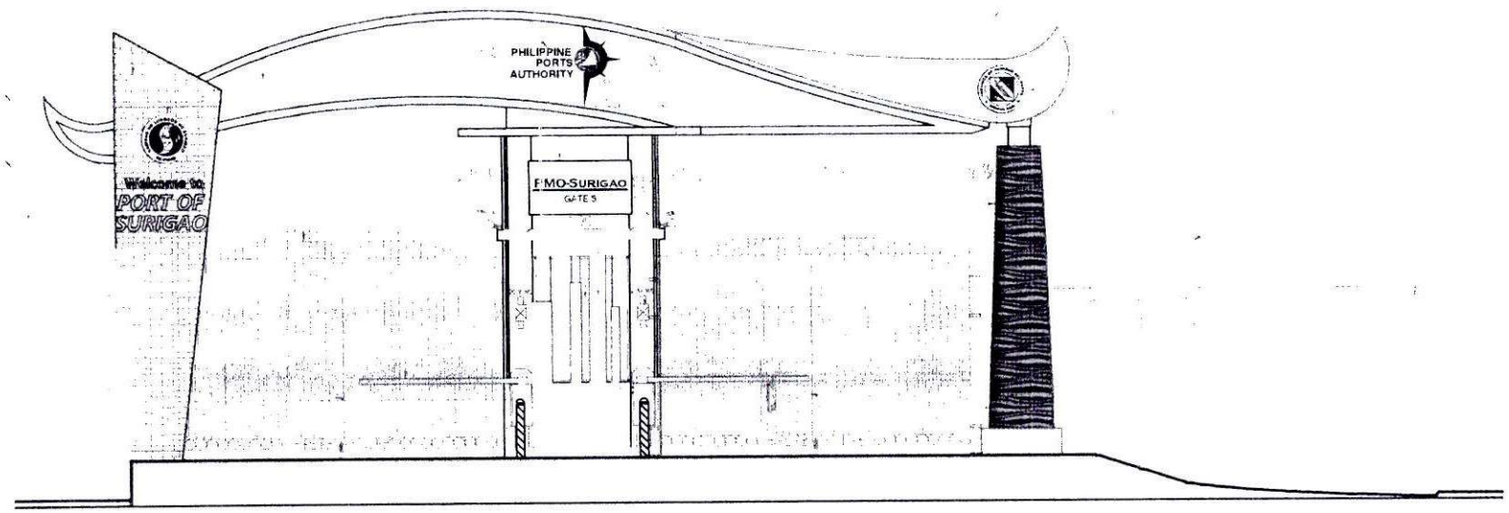
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY D. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS
DOOR GATE DETAIL

SHEET NO. 11 20 A

SHEET 11 OF 47

150mmX300mm LATERAL BEAM
18WATTS GLOBE LIGHT
150mm CHB FALSE COLUMN W/ DECORATIVE STONE
HOT-DIP CUT OUT 4.5mm THK. STAINLESS METAL SHEET SCREWED @ THE BACK
HOT-DIP CUT OUT 4.5mm THK. STAINLESS METAL SHEET SCREWED @ THE BACK
200mmTHK. DECORATIVE CONCRETE PAINTED W/ ELASTOMERIC PAINT
STEEL DOOR GATE
ELECTRONIC BARRIER
HOT-DIP CUT OUT 4.5mm THK. METAL SHEET SCREWED @ THE BACK
PLASTIC SIGNAGE
10mm THK. FIXED WINDOW, TEMPERED GLASS (BROWN), CONCEALED FRAME
PILASTER
WALL LAMP
120mm THK. CONCRETE CANOPY W/ 30mm THK. x 50mm CONCRETE WATER STOPPER
HOT-DIP CUT OUT 4.5mm THK. STAINLESS METAL SHEET SCREWED @ THE BACK
150mm CHB FALSE COLUMN W/ DECORATIVE TILE WORKS

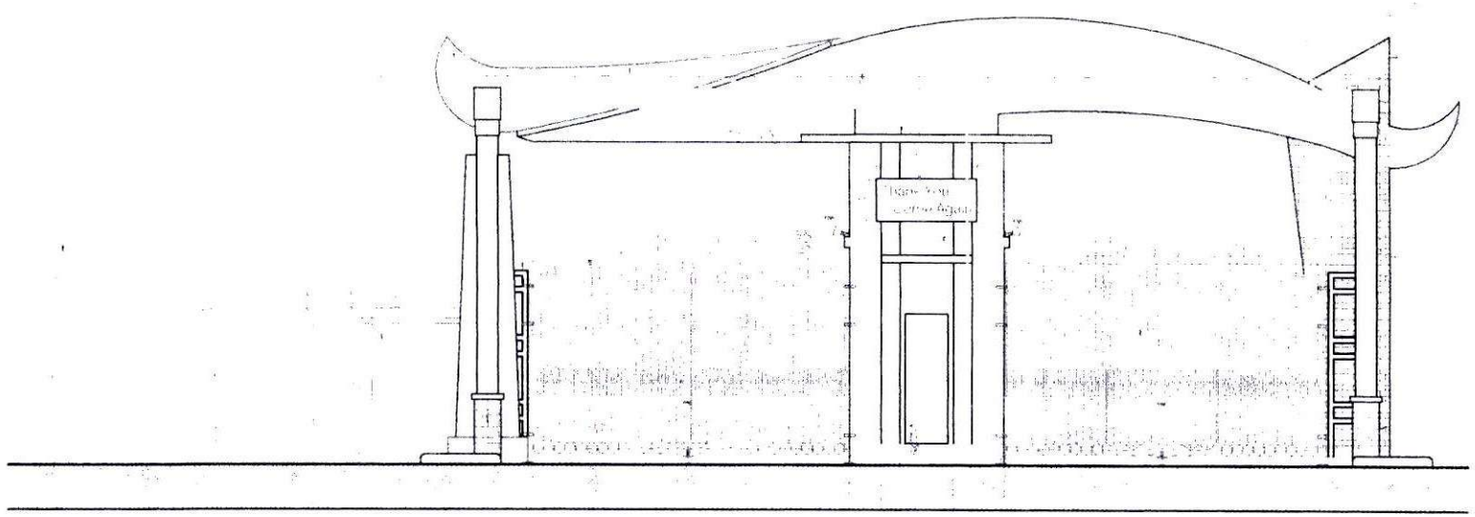


FRONT ELEVATION
SCALE 1:50 MTRS

PHILIPPINE PORTS AUTHORITY	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY		FRONT ELEVATION	12 / 20 A
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY	
		LAWRENCE L. F. CASAS	ROLANDO C. BUCTON	MILDRED J. PADILLA	

STONE WORKS
18WATTS GLOBE LIGHT
URINAL W/ LAVATORY ROOM
200mmTHK. DECORATIVE CONCRETE PAINTED W/ ELASTOMERIC
STONE WORKS
4"Ø STEEL PIPE SCH. 40 ANCHORED @ THE COLUMN (EPOXY PAINTED)
STEEL DOOR GATE
1/4 'thk.(BLUE) SOLID POLYCARBONATE SHEET

100mm x 200mm STRUCTURAL SQUARE BAR TRELLIS PAINTED W/ RED OXIDE
120mm THK. CONCRETE CANOPY W/
30mm THK. x 50mm CONCRETE WATER STOPPER
PLASTIC SIGNAGE
150mmTHK. SOLID CONCRETE CANOPY
150mm CHB FALSE COLUMN W/ DECORATIVE STONE



REAR ELEVATION
SCALE 1:100 MTRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

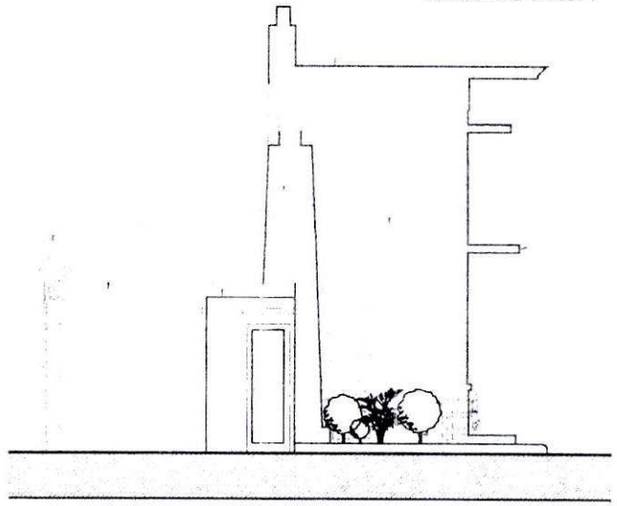
PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS
REAR ELEVATION

SHEET NO. 13 20 A

SHEET 13 OF 47

18WATTS GLOBE LIGHT
150mmX300mm LATERAL BEAM
100mmTHK. ROOF DECK
150mm CHB FALSE COLUMN
W/ DECORATIVE TILE WORKS
1/4"thk.(BLUE) SOLID POLYCARBONATE SHEET
2-100mmTHK. CHB WALL 200mm PAINTED W/ ELASTOMERIC (DARK GREY)
BUSH PLANT & MIAGOS (OPTIONAL)
STONE WORKS
150mmTHK. SOLID
CONCRETE CANOPY



RIGHT SIDE ELEVATION
SCALE 1:50 MTRS

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				RIGHT SIDE ELEVATION
	PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON BSD Manager	APPROVED BY MILDRED J. PADILLA Port Manager	

SHEET NO. 14 20 A

SHEET 14 OF 47

18WATTS GLOBE LIGHT

150mmX300mm LATERAL BEAM

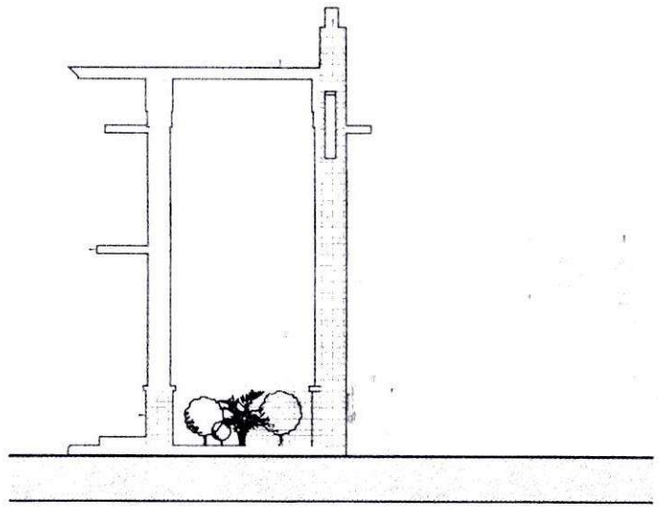
6"Ø G.I. BARRIER(PAINTED EPOXY)
FILLED WITH CONCRETE

150mm CHB FALSE COLUMN
W/ DECORATIVE STONE

1/4"thk.(BLUE) SOLID
POLYCARBONATE SHEET

STONE WORKS

150mmTHK SOLID CONCRETE CANOPY



LEFT SIDE ELEVATION

SCALE 1:100 METERS

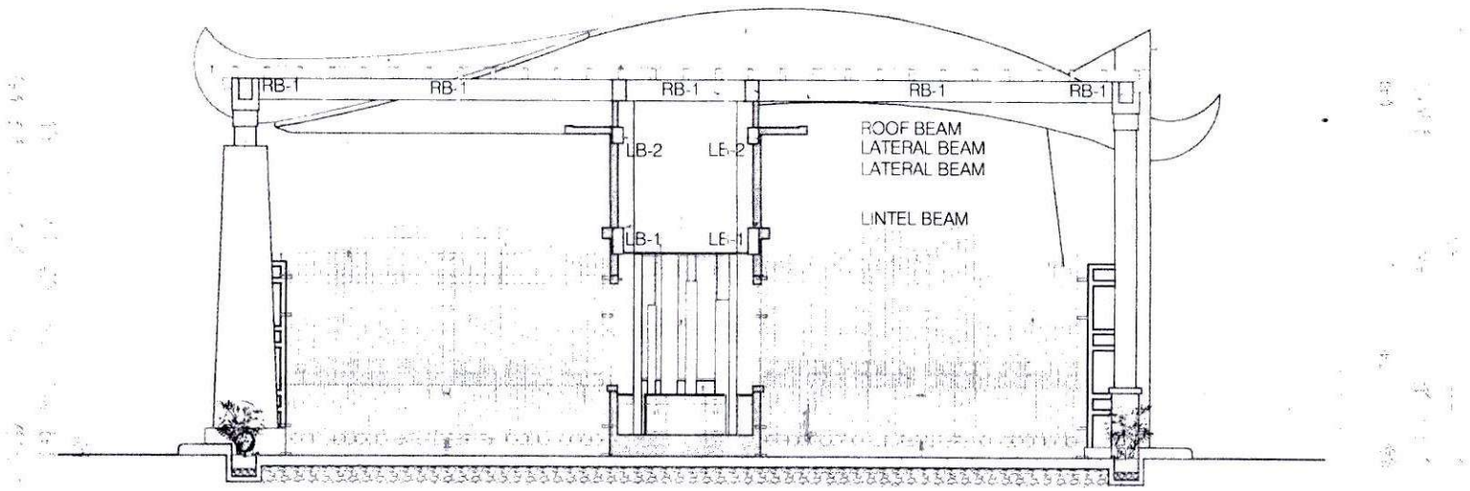
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				LEFT SIDE ELEVATION
	PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON ESO Manager	APPROVED BY MILDRED J. PADILLA Port Manager	

SHEET NO. 15/20/A

SHEET 15 OF 47

200mm THK. DECORATIVE CONCRETE PAINT W/ ELASTOMERIC PAINT
BUSH PLANT & MIAGOS (OPTIONAL)
4"Ø STEEL PIPE SCH. 40 ANCHORED TO THE COLUMN (EPOXY PAINTED)
STEEL DOOR GATE
1/4"thk (BLUE) SOLID POLYCARBONATE SHEET

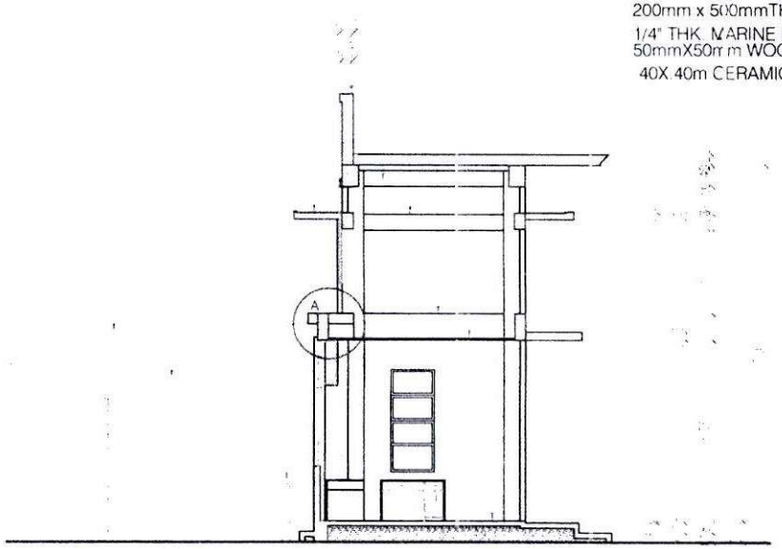
100mm x 200mm STRUCTURAL SQUARE BAR TRELLIS PAINTED W/ RED OXIDE
1/4" THK. MARINE PLYWOOD W/ 50mmX50mm WOOD CEILING JOIST
10mm THK. FIXED WINDOW, TEMPERED GLASS (BROWN), CONCEALED FRAME
3/4" THK. MARINE PLYWOOD W/ MAHOGANY WOOD STAIN AND POLYURETHANE FIN.
150mm CHB FALSE COLUMN W/ DECORATIVE STONE
200mm THK. DECORATIVE CONCRETE PAINTED WITH ELASTOMERIC PAINT



LONGITUDINAL SECTION
SCALE 1:100 METERS

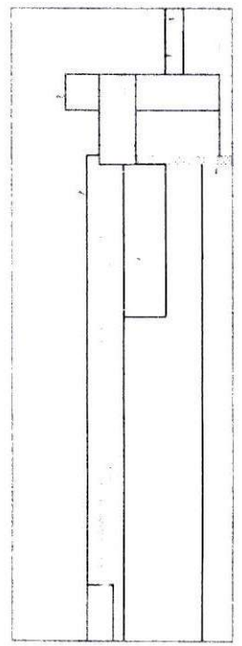
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				LONGITUDINAL SECTION
	PREPARED BY: RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON ESD Manager	APPROVED BY: MILDRED J. PADILLA Port Manager	SHEET NO. 16/20/A

18WATTS GLOBE LIGHT
150mmX300mm LATERAL BEAM
6"Ø G.I. BARRIER(PAINTED EPOXY) FILLED WITH CONCRETE
120mm THK. CONCRETE CANOPY W/
30mm THK. x 50mm CONCRETE WATER STOPPER
200mmTHK. DECORATIVE CONCRETE
PAINT W/ ELASTOMERIC PAINT
ROOF BEAM
200mm x 300mmTHK. LATERAL BEAM
200mm x 500mmTHK. LATERAL BEAM
1/4" THK. MARINE PLYWOOD W/
50mmX50mm WOOD CEILING JOIST
40X 40m CERAMIC UNGLAZED FLOOR TILES



CROSS SECTION
SCALE 1:100 MTRS

2"Ø PVC PIPE SERIES 1000(DOWNSPOUT)
4"THK. CHB WALL
20mmTHK. RC CANOPY
RC PILASTER COLUMN
10mm THK. FIXED WINDOW
TEMPERED GLASS (BROWN),
1/4" THK. MARINE PLYWOOD W/
50mmX50mm WOOD CEILING JOIST



SECTION DETAIL "A"
SCALE 1:30 MTRS

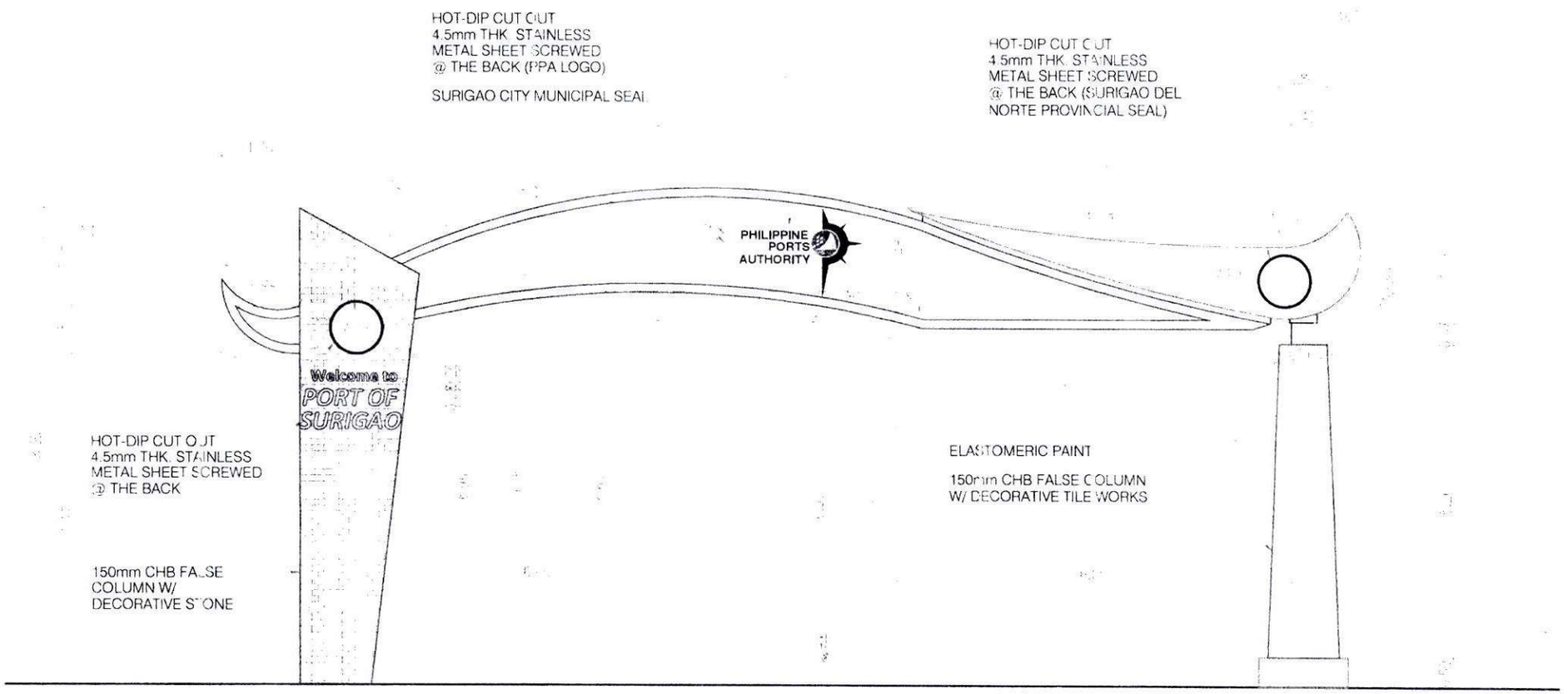
PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE: REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION: BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	BSD Manager	Port Manager

SHEET CONTENTS
CROSS SECTION
SECTION DETAIL "A"

SHEET NO. 17/20|A



WELCOME ARCH ELEVATION

SCALE 1:75 MTRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

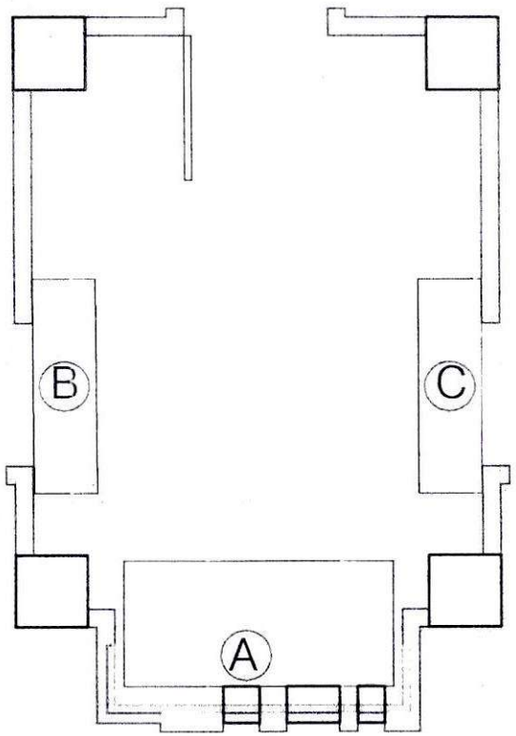
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CASAS Principal Engineer A	ROLANDO C. BUCTON BSD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS

WELCOME ARCH ELEVATION

SHEET NO. 18 20 A

SHEET 18 OF 47



PLAN

GUARD HOUSE TABLES PLAN

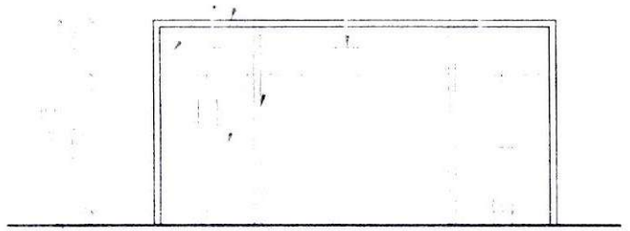
SCALE 1:30 METRS.



PLAN (TABLE "A")

3/4" THK. MARINE PLYWOOD W/ MAHOGANY WOOD STAIN AND POLYURETHANE FIN.

STAINLESS HANDLE



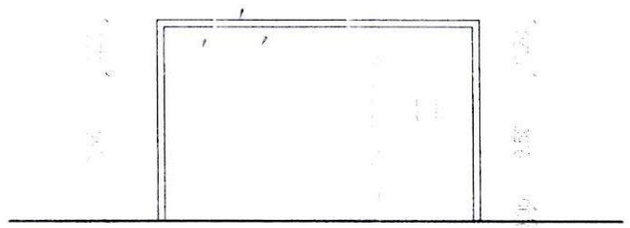
FRONT ELEVATION (TABLE "A")



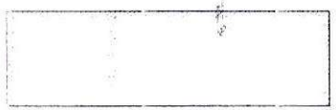
PLAN (TABLE "B")

3/4" THK. MARINE PLYWOOD W/ MAHOGANY WOOD STAIN AND POLYURETHANE FIN.

STAINLESS HANDLE



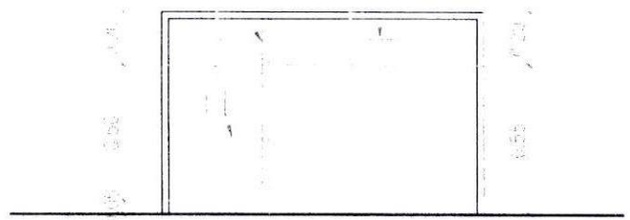
FRONT ELEVATION (TABLE "B")



PLAN (TABLE "C")

3/4" THK. MARINE PLYWOOD W/ MAHOGANY WOOD STAIN AND POLYURETHANE FIN.

STAINLESS HANDLE



FRONT ELEVATION (TABLE "C")

GUARD HOUSE TABLES DETAIL

SCALE 1:20 METRS.

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

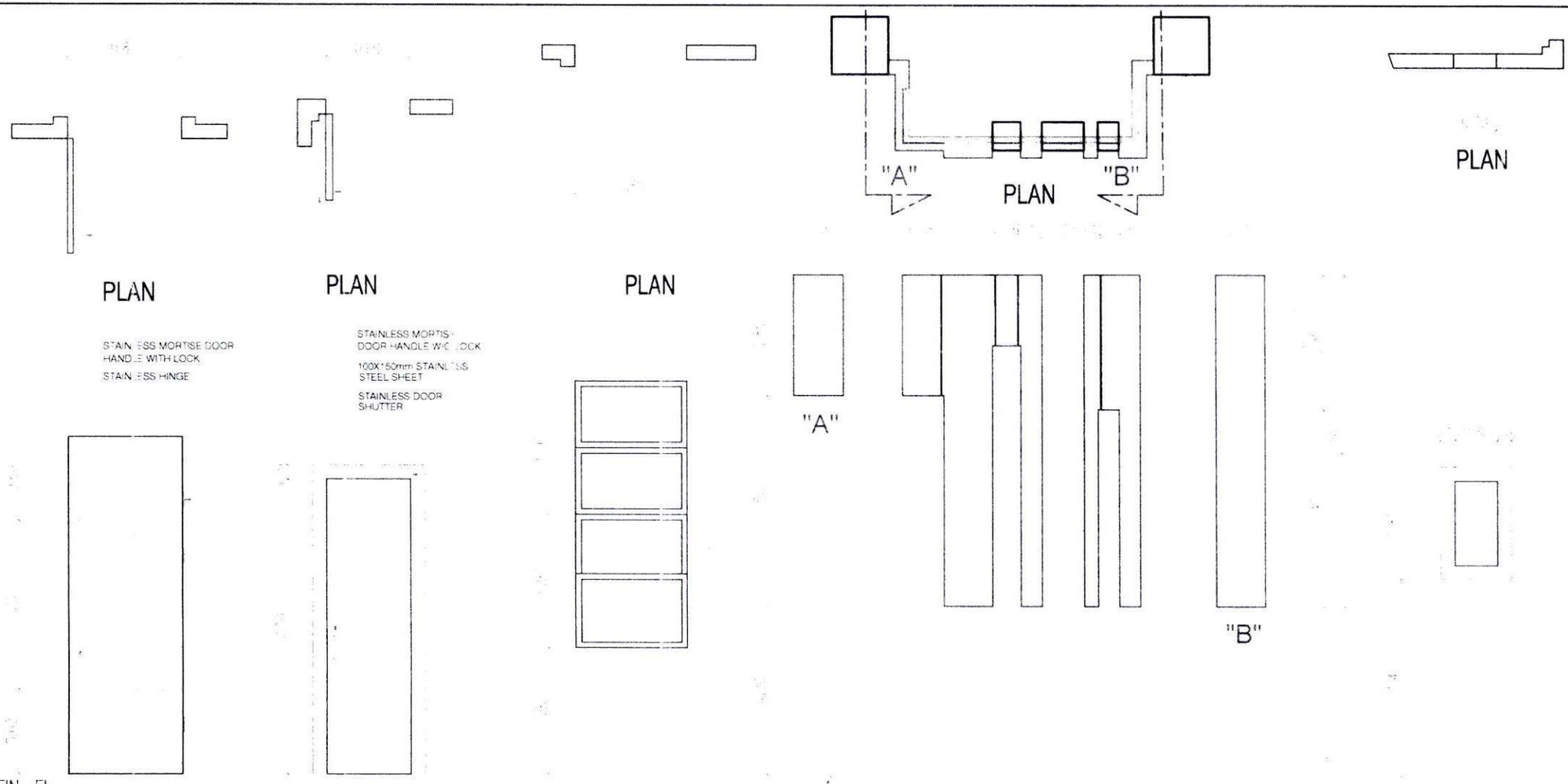
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS

GUARD HOUSE TABLES DETAIL

SHEET NO. 19 20 A

SHEET 19 OF 47



	D1	D2	W1	W2	W3
TYPE	HOLLOW CORE SWING DOOR	HOLLOW CORE SWING DOOR	COMBINE FIXED AND DOUBLE HUNG WINDOW	FIXED GLASS WINDOW/ CONCEALED FRAME	JALOUSIE WINDOW
MATERIAL	1/4"THK. MARINE PLYWOOD/ PAINTED DARK BROWN	1/4"THK. MARINE PLYWOOD/ PAINTED DARK BROWN	6mmTHK. GLASS (BROWN)	10mmTHK. TEMPERED GLASS (BROWN)	SMOKE TEXTURED GLASS
FRAME	HARDWOOOD	HARDWOOOD	ALUMINUM POWDER COATED BROWN	ALUMINUM POWDER COATED BROWN	ALUMINUM FRAME
METAL FITTING	AS SHOWN IN THE DRAWING	AS SHOWN IN THE DRAWING	AS PER MANUFACTURERS SPECIFICATION		
LOCATION	GUARD HOUSE	C.R.	GUARD HOUSE	GUARD HOUSE	C.R.
QUANTITY	1	1	2	1	1

SCHEDULE OF DOORS & WINDOWS

SCALE 1:30 MTRS.

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE: REPAIR OF GATE NO.5 ALONG P. REYES STREET

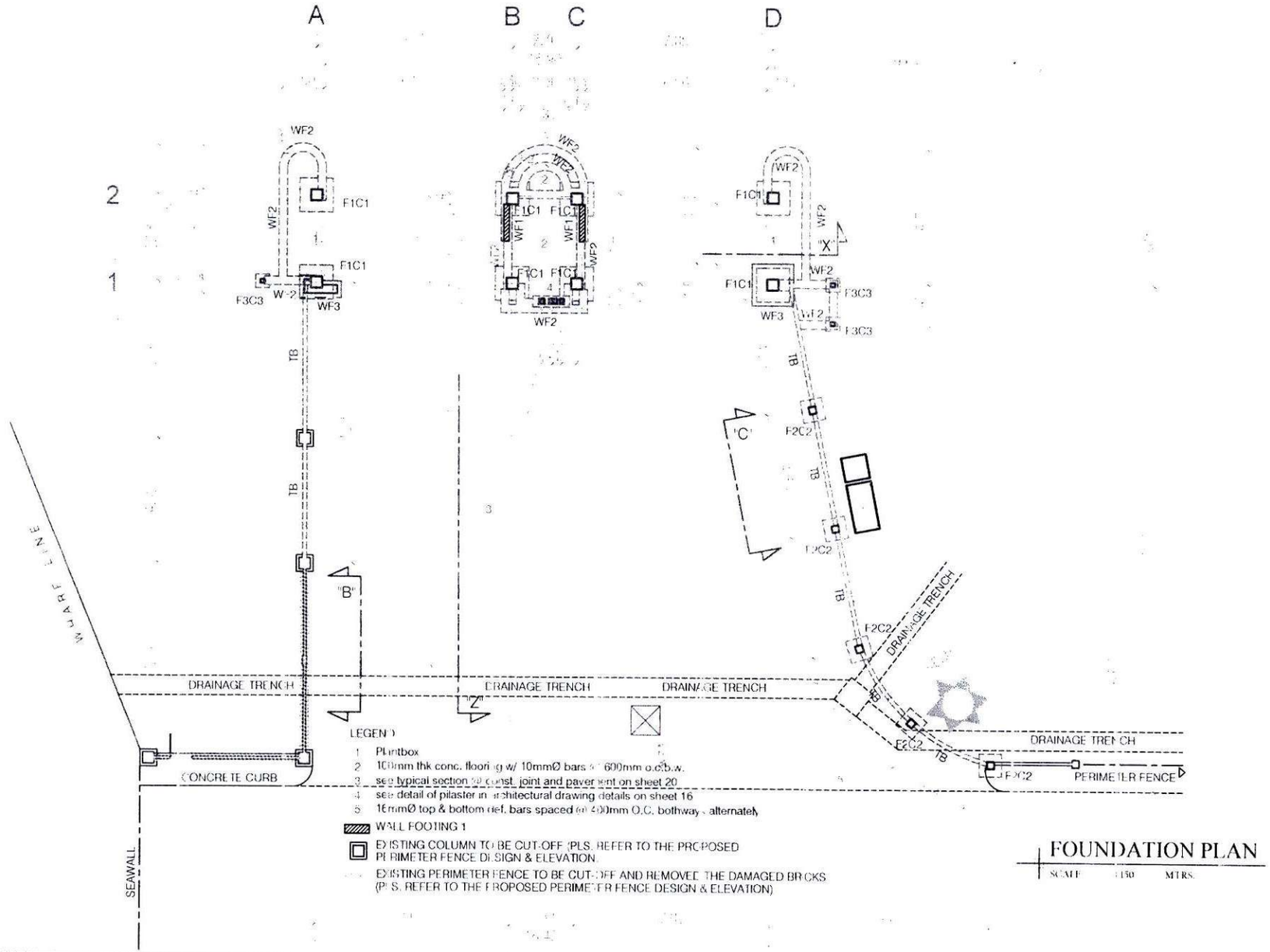
LOCATION: BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM	CARLSON JAY P. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS: SCHEDULE OF DOORS & WINDOWS

SHEET NO. 20/20A

SHEET 20 OF 47



FOUNDATION PLAN

SCALE 1:50 MTRS.

PHILIPPINE PORTS AUTHORITY

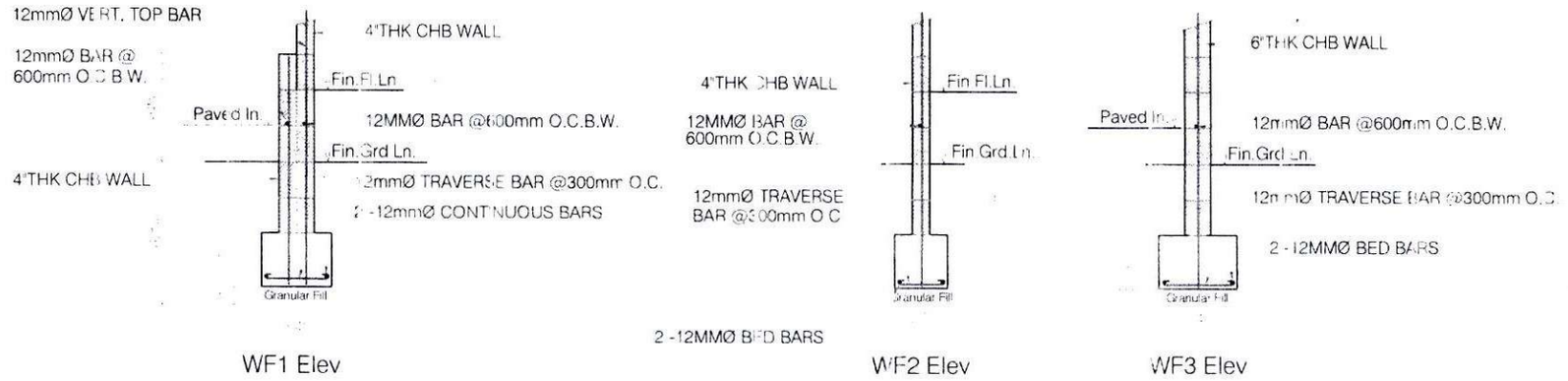
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

SHEET CONTENTS: FOUNDATION PLAN

SHEET NO. 1/22 S

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager



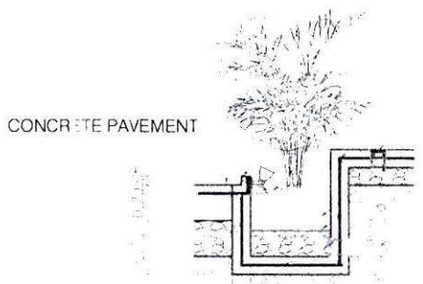
WF1 Elev

WF2 Elev

WF3 Elev

WALL FOOTING DETAILS

SCALE 1:30 METRS

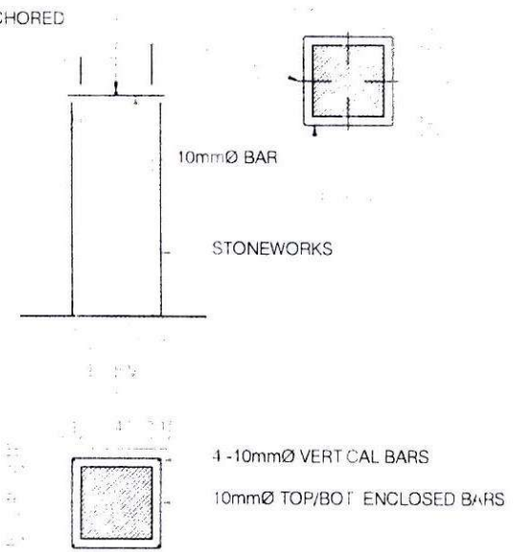


CONCRETE COLUMN
BUSH PLANT & MIAGOS (OPTIONAL)
50mmX50mm CONCRETE NOSING
CARABAO GRASS
10mmØ STEEL BARS SPACED @ .60m O.C.
PVC PLUG, CLEAN OUT
GARDEN SOIL
FIBER CLOTH
STAINLESS STRAINER
4"Ø PVC SERIES 1000 WASTE PIPE

6-10mmØ STEEL BARS
15WATTS LED SPOT LIGHT FOR OUTDOOR

PLANT BOX DETAIL THRU "X"

SCALE 1:30 METRS



COLUMN MOULDING & STONEWORKS DETAIL

SCALE 1:30 METRS

PHILIPPINE PORTS AUTHORITY
PMO SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAKE MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS

PLANT BOX DETAIL THRU "X"
COLUMN MOULDING & STONEWORKS DETAIL
WALL FOOTING DETAILS

SHEET NO. 2 / 22 S

SHEET 22 OF 47

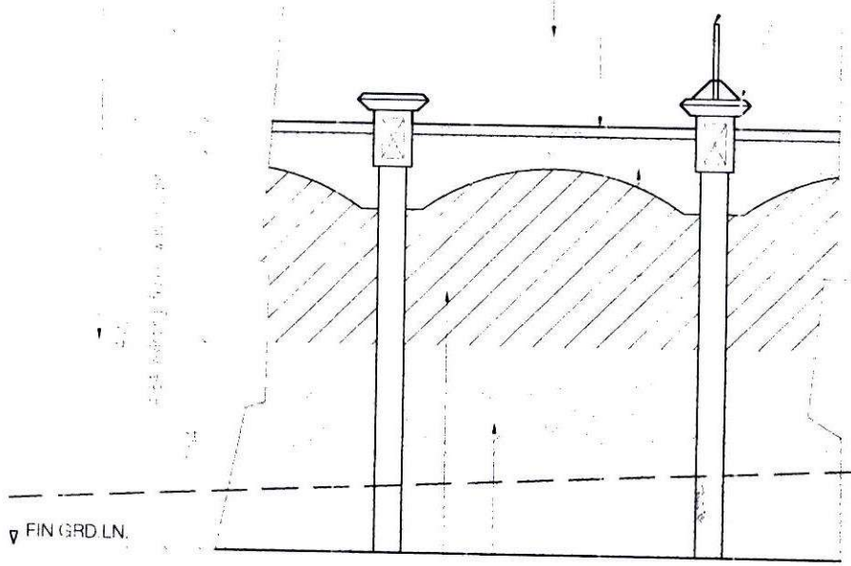
EXISTING HEIGHT OF DAMAGED BRICKS

EXISTING FENCE WALL HEIGHT/ TOP OF THE PROPOSED BEAM

25X100MM PRE-CAST CONC TOP MOULDING

STEEL PIPE POST PEDESTAL
FOR LIGHTING

R.C. CROWN



EXISTING DAMAGED BRICKS TO BE REMOVED

EXISTING 100MM THK CHB WALL W/ PLASTERED FINISH

FENCE ELEVATION DETAIL THRU"B"

SCALE 1:50 MTRS.

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

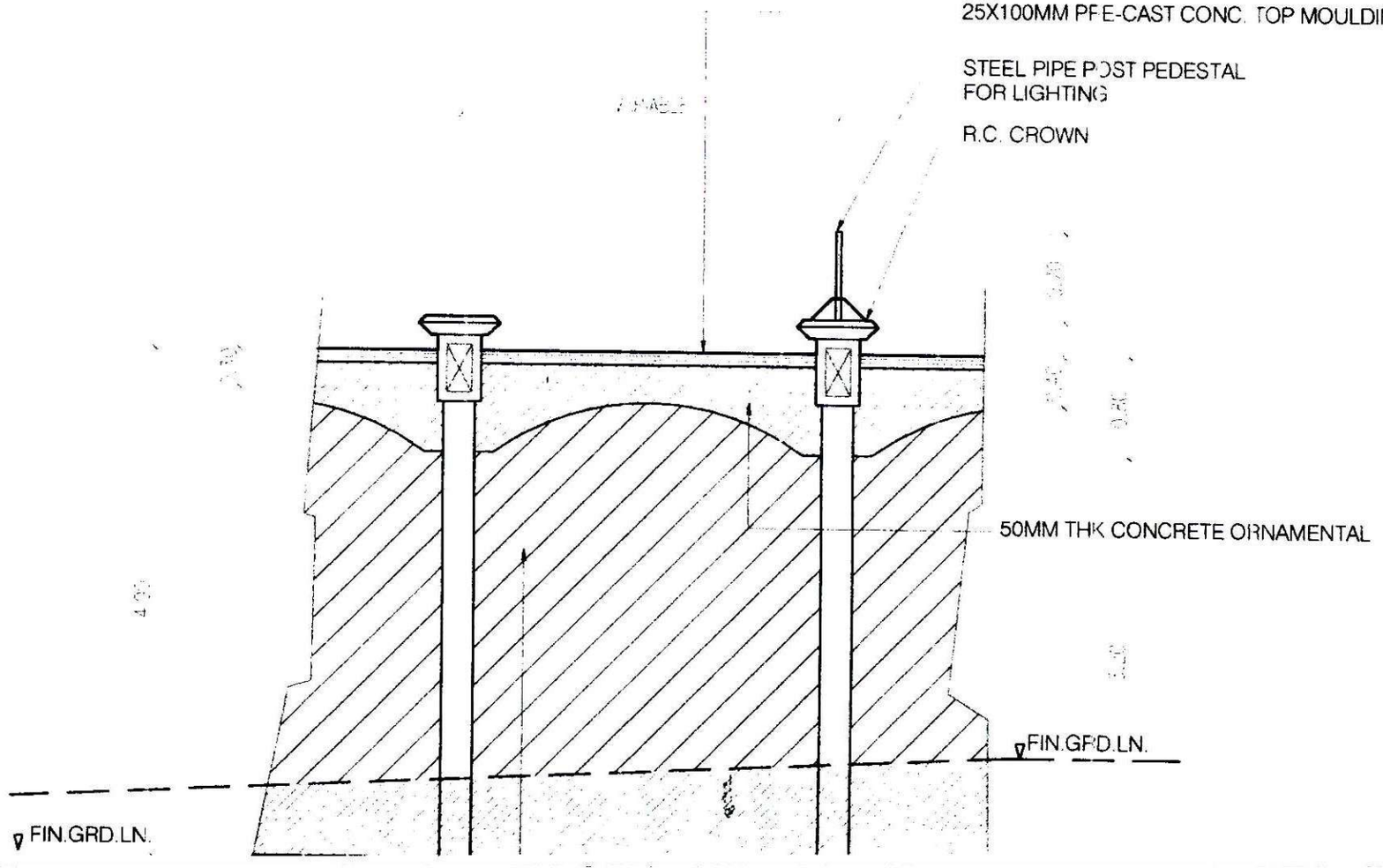
SHEET CONTENTS

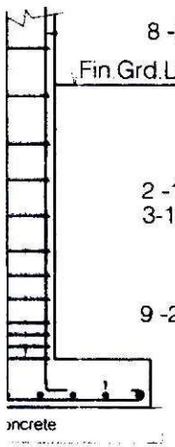
FENCE ELEVATION DETAIL THRU"B"

SHEET NO.

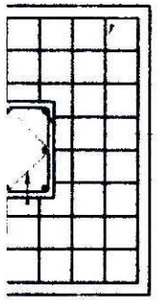
3
22 S

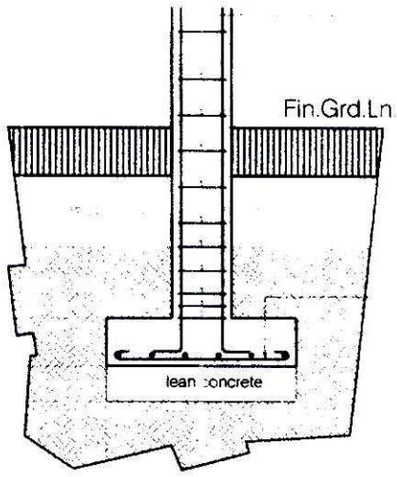
SHEET 23 OF 47


25X100MM PRE-CAST CONC. TOP MOULDING
STEEL PIPE POST PEDESTAL FOR LIGHTING
R.C. CROWN
50MM THK CONCRETE ORNAMENTAL
FIN.GRD.LN.
FIN.GRD.LN.

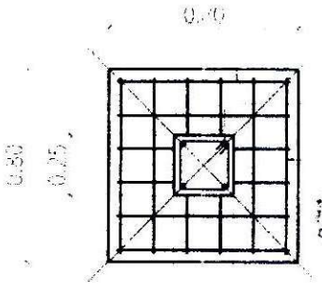


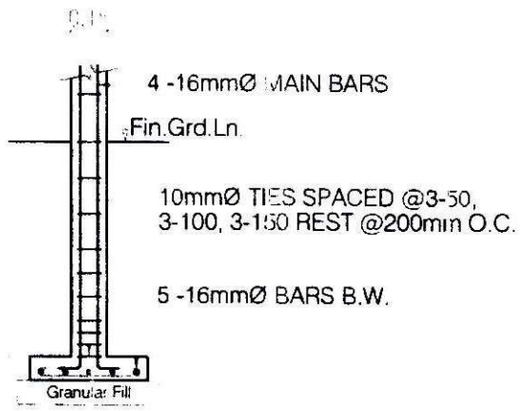
l Elev



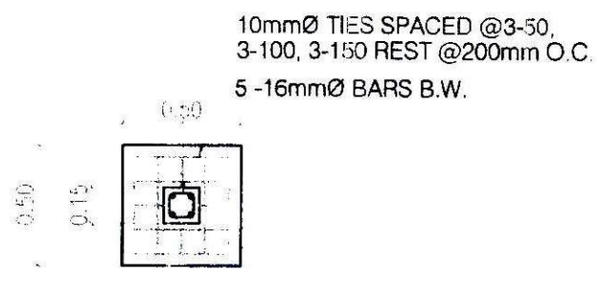


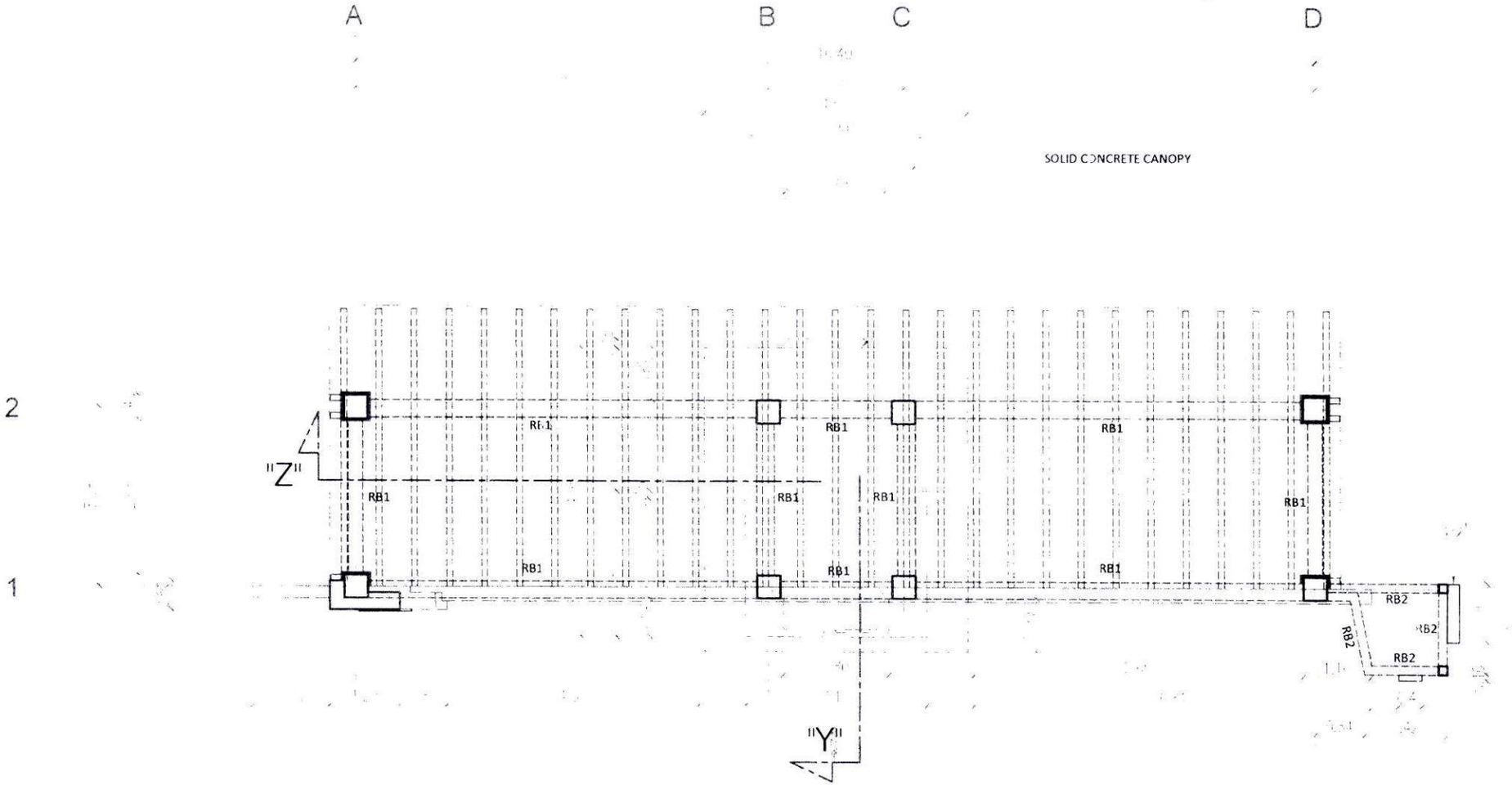
F2/C2 Elev





F3/C3 Elev

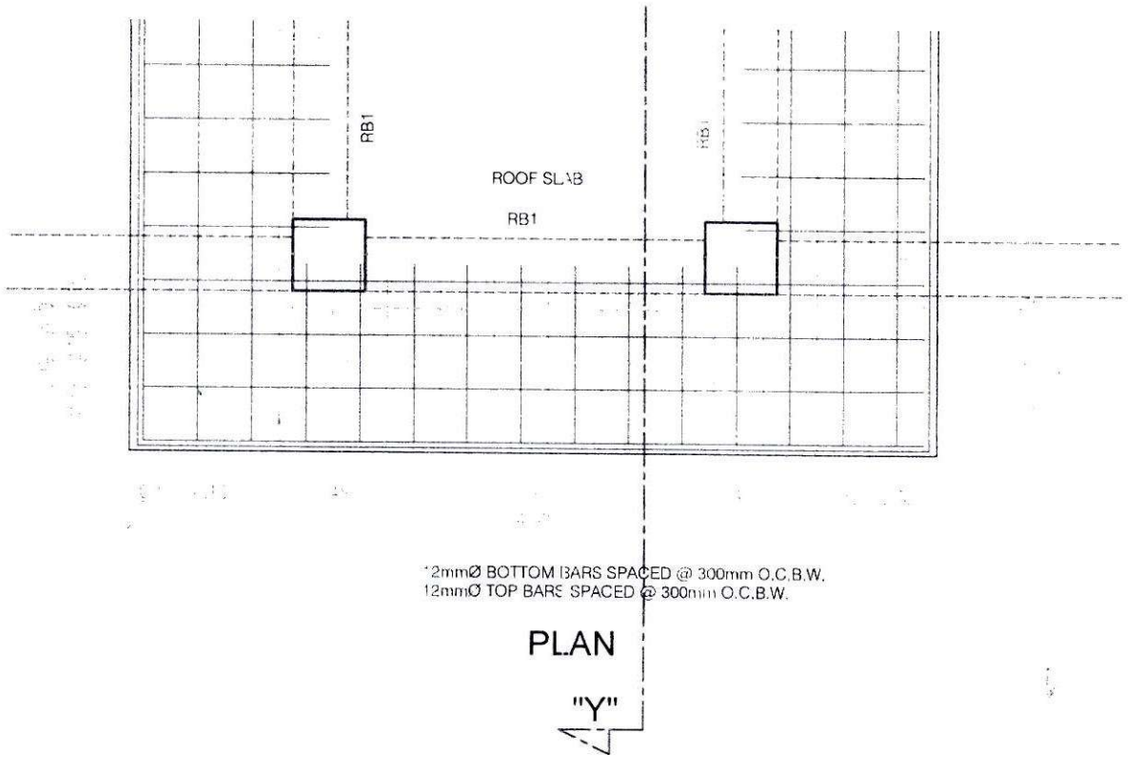




ROOF FRAMING PLAN

SCALE 1/75 METERS

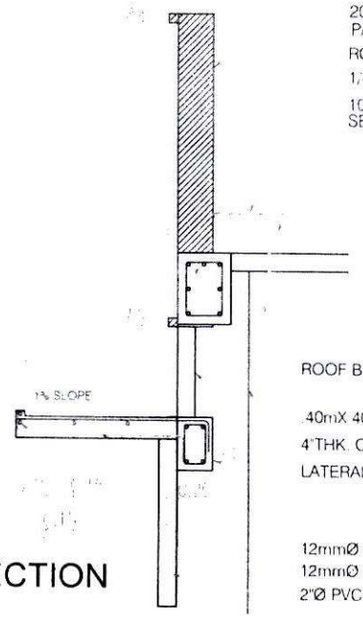
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET			SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY			ROOF FRAMING PLAN	6 / 22 / S
	PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY P. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON DSD Manager	APPROVED BY MILDRED J. PADILLA Port Manager	SHEET 26 OF 47



12mmØ BOTTOM BARS SPACED @ 300mm O.C.B.W.
12mmØ TOP BARS SPACED @ 300mm O.C.B.W.

PLAN

"Y"



200mm THK. DECORATIVE CONCRETE PAINTED W/ ELASTOMERIC PAINT
ROOF BEAM-1
1/4"thk. (BLUE) SOLID POLYCARBONATE SHEET
100mm x 200mm FABRICATED G.I. SHEET TRELLIS SEE DETAIL ON SHEET 8 OF STRUCTURAL

ROOF BEAM(RB1)

2% SLOPE

.40mX 40m CONCRETE COLUMN
4"THK. CHB WALL
LATERAL BEAM-2

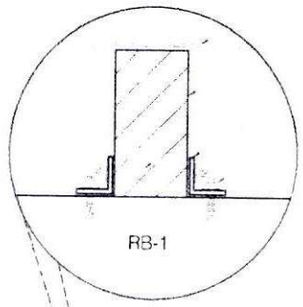
12mmØ BOTTOM BARS SPACED @ 300mm O.C.B.W.
12mmØ TOP BARS SPACED @ 300mm O.C.B.W.
2"Ø PVC PIPE DOWNSPOUT SERIES 1000

SECTION

RC CANOPY DETAIL THRU "Y"

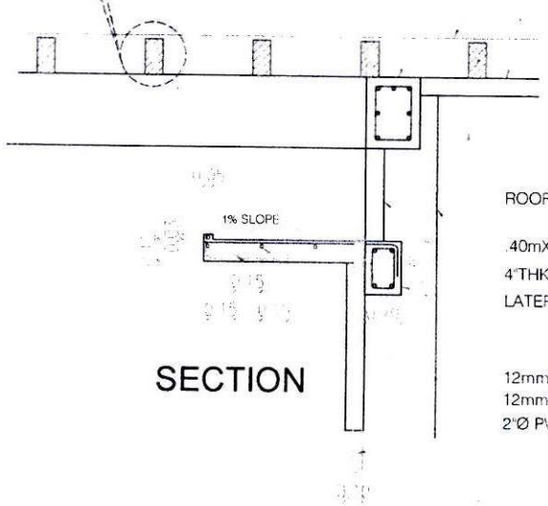
SCALE 1:50 MTRS

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET			SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY			RC CANOPY DETAIL THRU "Y"	7 / 22 / S
PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON PSO Manager	APPROVED BY MILDRED J. PADILLA Port Manager		SHEET 27 OF 47



SOLID POLYCARBONATE SHEET ROOFING
100mmX200mm STRUCTURAL SQUARE BAR
10mmØX150mm BOLT W/ RED OXIDE PAINT
50mmX50mm ANGLE BAR W/ RED OXIDE PAINT
10mmØX150mm ANCHOR BOLT W/ RED OXIDE PAINT

ROOF BEAM-1
1/4"thk.(BLUE) SOLID POLYCARBONATE SHEET
100mm x 200mm FABRICATED G.I. SHEET TRELLIS
100mm THK. SOLID CONCRETE ROOF SLAB

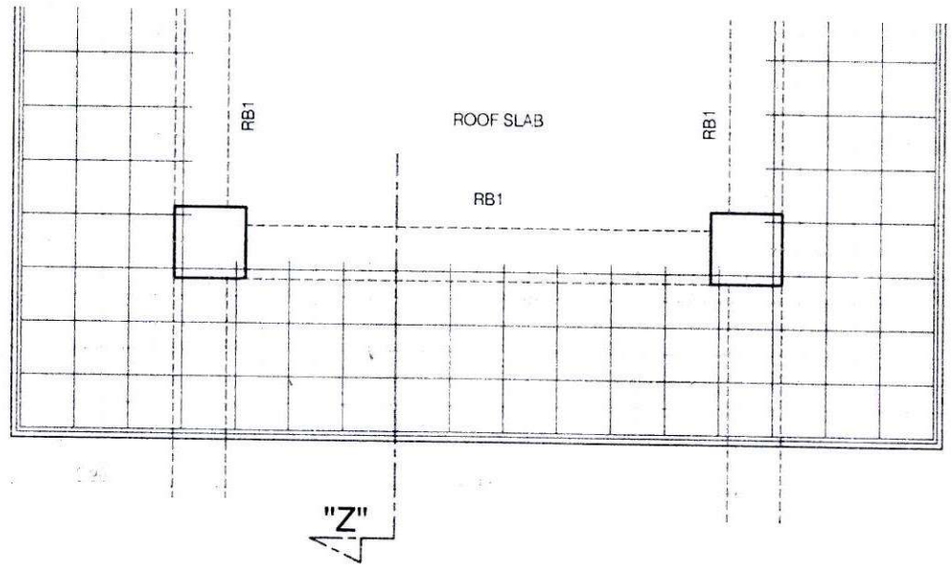


SECTION

ROOF BEAM(RB1)

.40mX.40m CONCRETE COLUMN
4"THK. CHB WALL
LATERAL BEAM-2

12mmØ BOTTOM BARS SPACED @ 300mm O.C.B.W.
12mmØ TOP BARS SPACED @ 300mm O.C.B.W.
2"Ø PVC PIPE DOWNSPOUT SERIES 1000



PLAN

12mmØ BOTTOM BARS SPACED @ 300mm O.C.B.W.
12mmØ TOP BARS SPACED @ 300mm O.C.B.W.

RC CANOPY DETAIL THRU "Z"

SCALE 1:30 MTRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

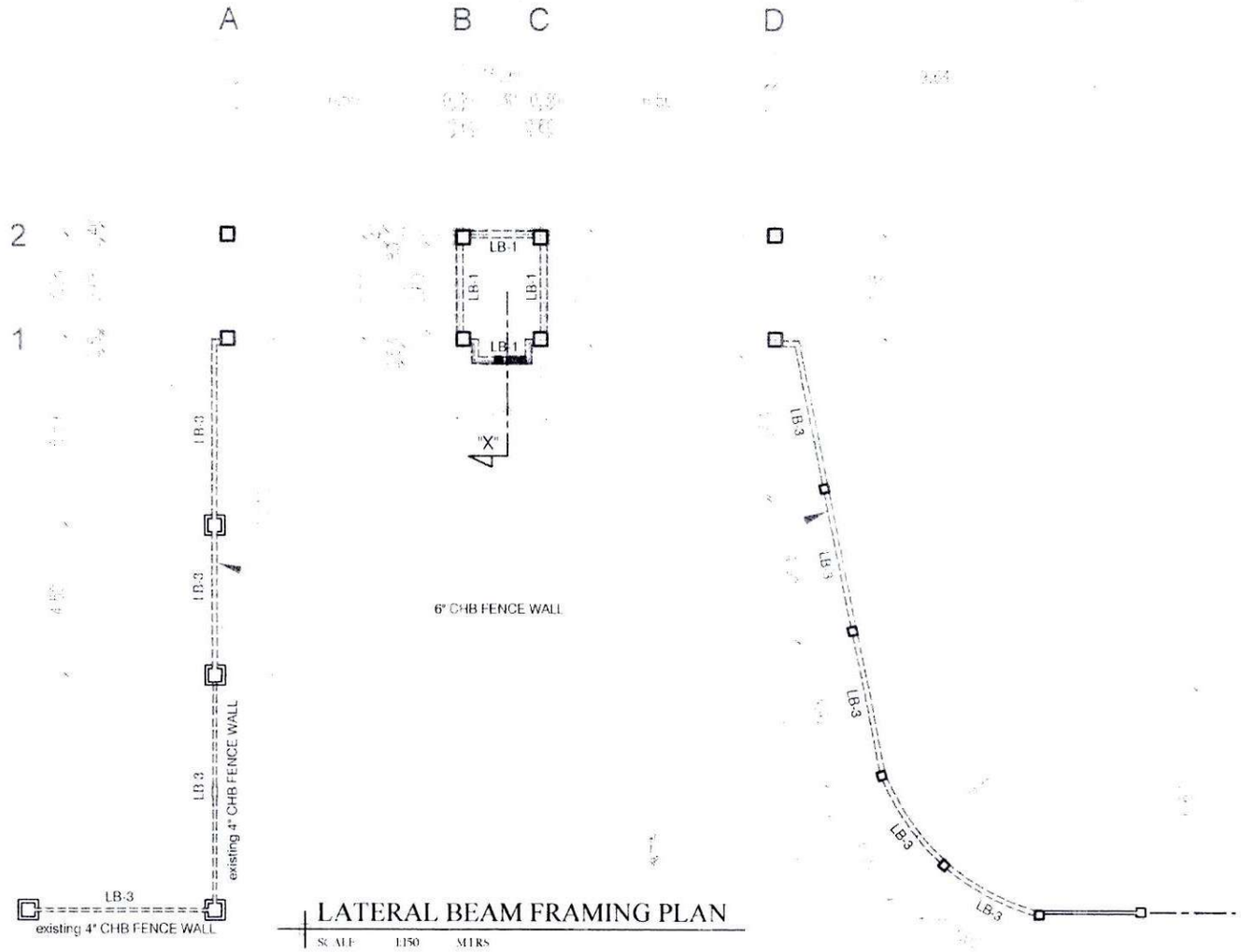
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY B. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON TSD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS
RC CANOPY DETAIL THRU "Z"

SHEET NO.
8
22 S

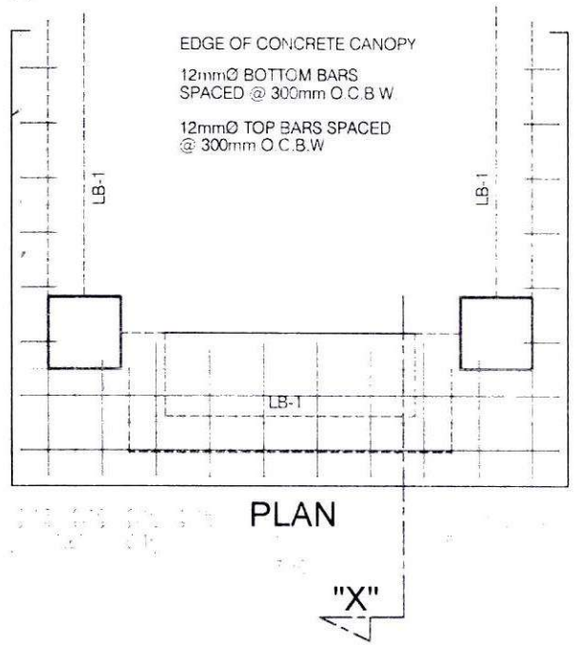
SHEET 28 OF 47

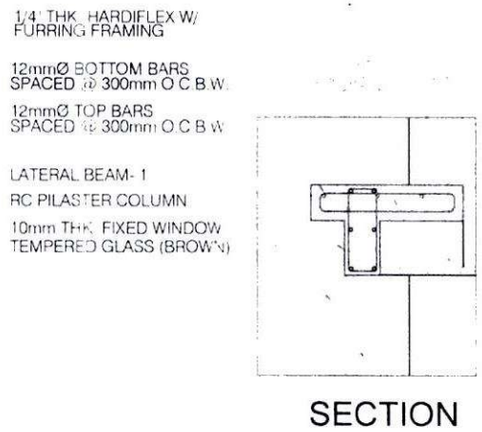


LATERAL BEAM FRAMING PLAN

SCALE 1:50 MTRS

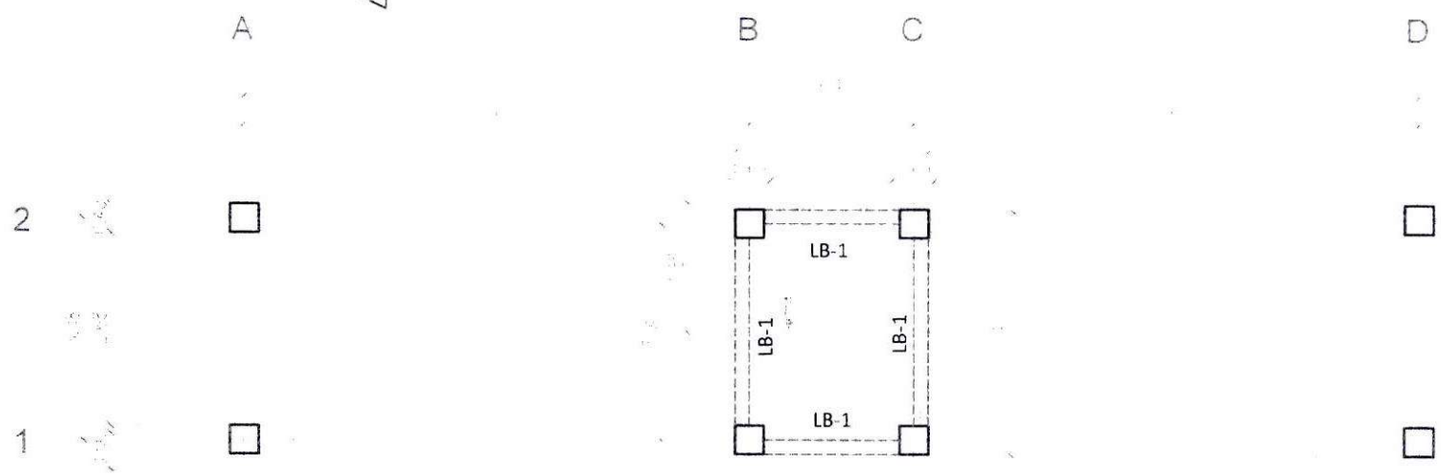
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO. 9 22 S
	LOCATION	BASEPORT, SURIGAO CITY		LATERAL BEAM FRAMING PLAN	
PREPARED BY: RANDY Y. TUSALEM, Engineering Assistant A	REVIEWED BY: CARLSON JAY P. MARTINEZ, Senior Engineer A	CHECKED BY: LAWRENCE L.E. CASAS, Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON, ESD Manager	APPROVED BY: MILDRED J. PADILLA, Port Manager	SHEET 29 OF 47





RC CANOPY DETAIL THRU "X"

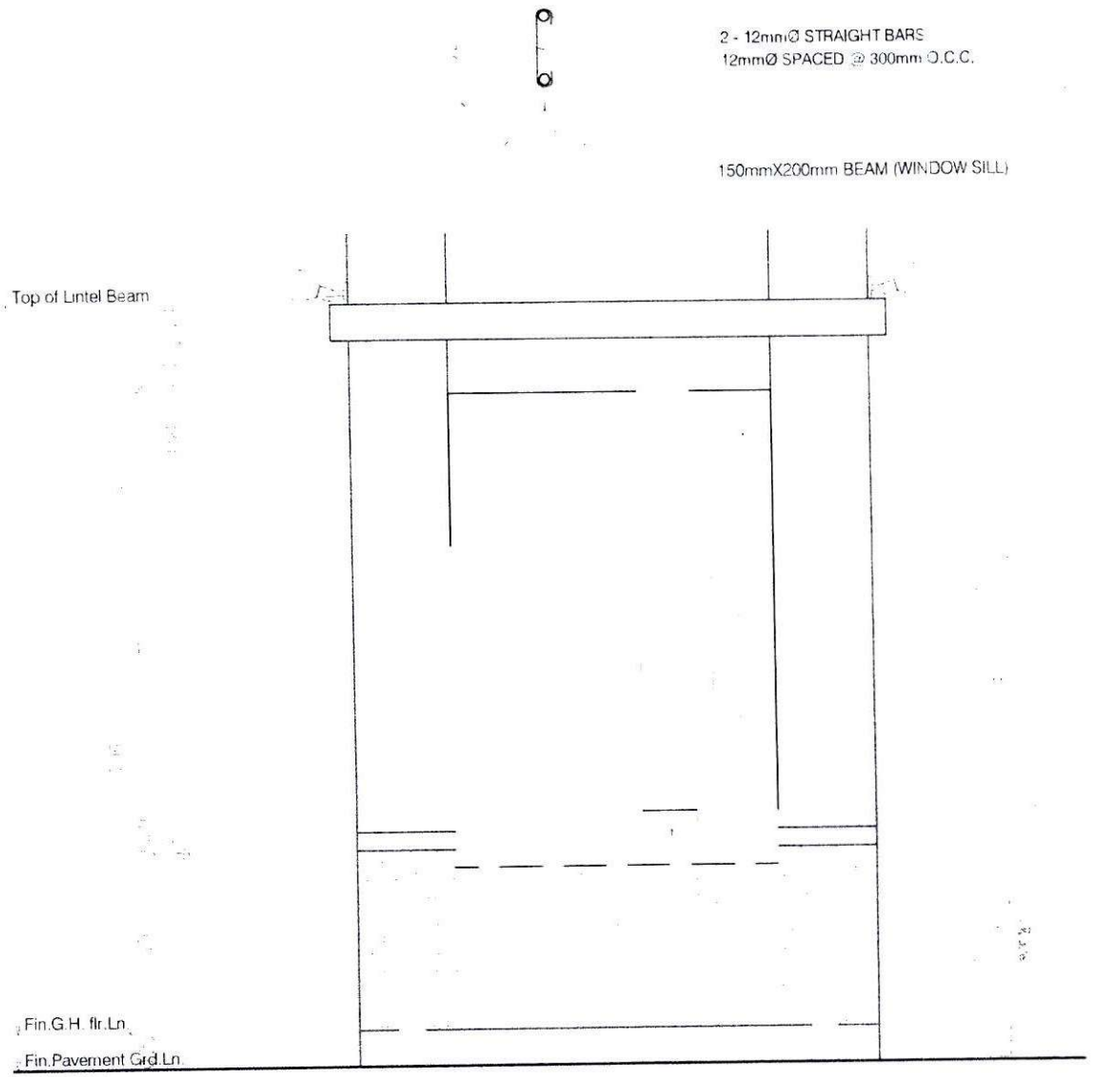
SCALE 1:50 MTRS



LATERAL BEAM FRAMING PLAN

SCALE 1:75 MTRS

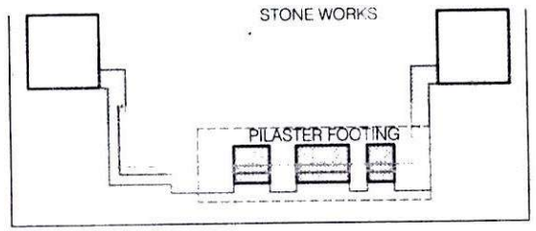
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET		SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY		RC CANOPY DETAIL THRU "X" LATERAL BEAM FRAMING PLAN	10 22 S
PREPARED BY: RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY: CARLSON JAYCE. MARTINEZ Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON BSD Manager	APPROVED BY: MILDRED J. PADILLA Port Manager	SHEET 30 OF 47



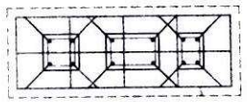
ELEVATION

GUARD HOUSE FRONT ELEVATION (PILASTER DETAIL)

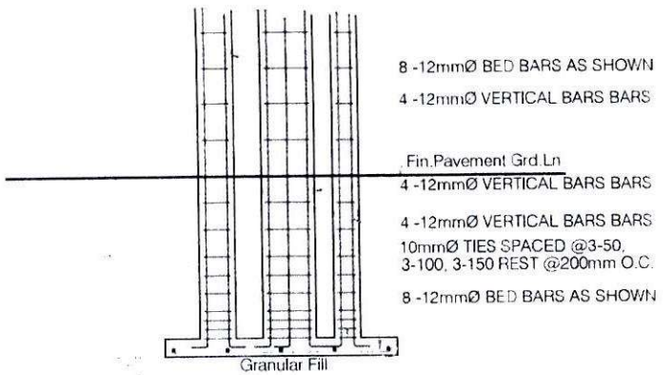
SCALE 1:30 MTRS.



PLAN



PLAN



SECTION

PILASTER DETAIL

SCALE 1:30 MTRS.

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

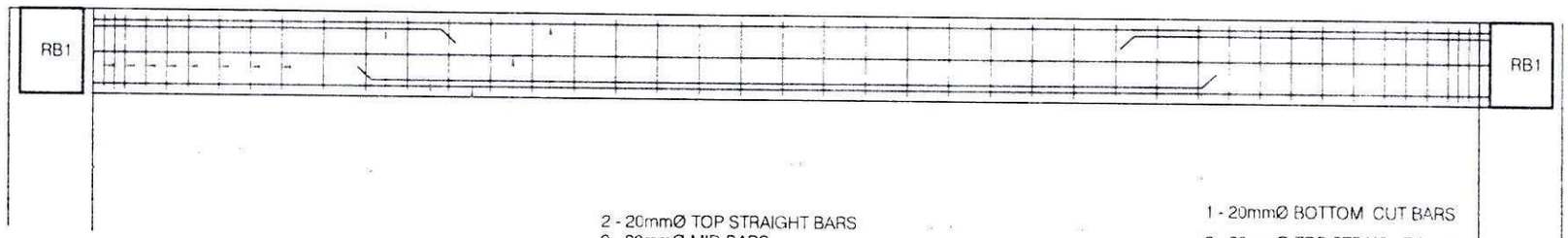
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS

GUARD HOUSE FRONT ELEVATION (PILASTER DETAIL)
PILASTER DETAIL

SHEET NO. 11 22 S

SHEET 31 OF 47



2 - 20mmØ TOP STRAIGHT BARS
2 - 20mmØ MID BARS
2 - 20mmØ BOTTOM STRAIGHT BARS
1 - 20mmØ BOTTOM CUT BARS
1 - 20mmØ TOP CUT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E



@ MIDSPAN

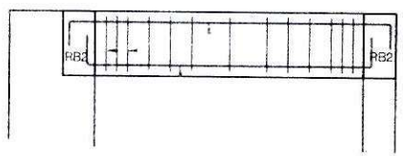
@ SUPPORT

1 - 20mmØ BOTTOM CUT BARS
2 - 20mmØ TOP STRAIGHT BARS
1 - 20mmØ TOP CUT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E

2 - 20mmØ MID BARS
2 - 20mmØ BOTTOM STRAIGHT BARS

ROOF BEAM -1 DETAIL(RB-1)

SCALE 1:25 MTRS



2 - 12mmØ TOP STRAIGHT BARS
2 - 12mmØ BOTTOM STRAIGHT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E



@ SUPPORT

2 - 12mmØ TOP STRAIGHT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E

2 - 12mmØ BOTTOM STRAIGHT BARS



@ MIDSPAN

ROOF BEAM -2 DETAIL(RB2)

SCALE 1:25 MTRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE: REPAIR OF GATE NO.5 ALONG P. REYES STREET

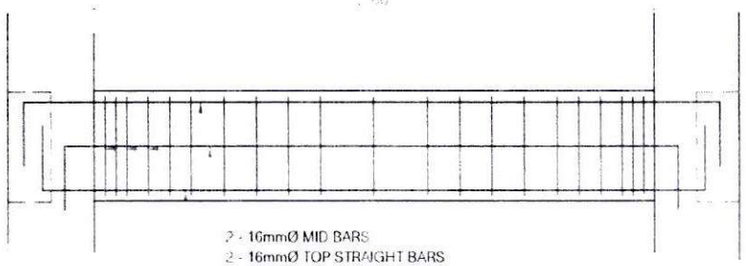
LOCATION: BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY D. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA Port Manager

SHEET CONTENTS

ROOF BEAM -1 DETAIL(RB1)
ROOF BEAM -2 DETAIL(RB2)

SHEET NO. 12/22/S



2 - 16mmØ MID BARS
2 - 16mmØ TOP STRAIGHT BARS
2 - 16mmØ BOTTOM STRAIGHT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E



LATERAL BEAM -1 DETAIL(LT-1)

SCALE 1:25 METRS

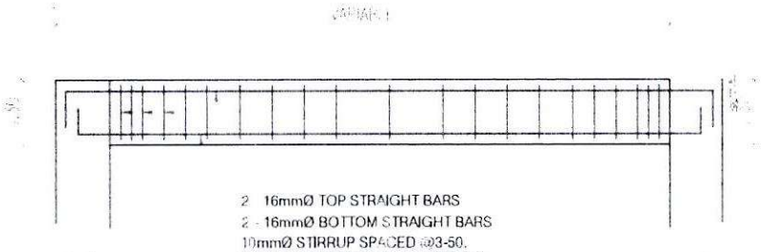


2 - 16mmØ MID BARS
2 - 16mmØ TOP STRAIGHT BARS
2 - 16mmØ BOTTOM STRAIGHT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E



LATERAL BEAM -2 DETAIL(LT-2)

SCALE 1:25 METRS



2 - 16mmØ TOP STRAIGHT BARS
2 - 16mmØ BOTTOM STRAIGHT BARS
10mmØ STIRRUP SPACED @3-50,
3-100, 4-150 REST @200mm O.C.B.E



LATERAL BEAM -3 DETAIL(LT-3)

SCALE 1:25 METRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

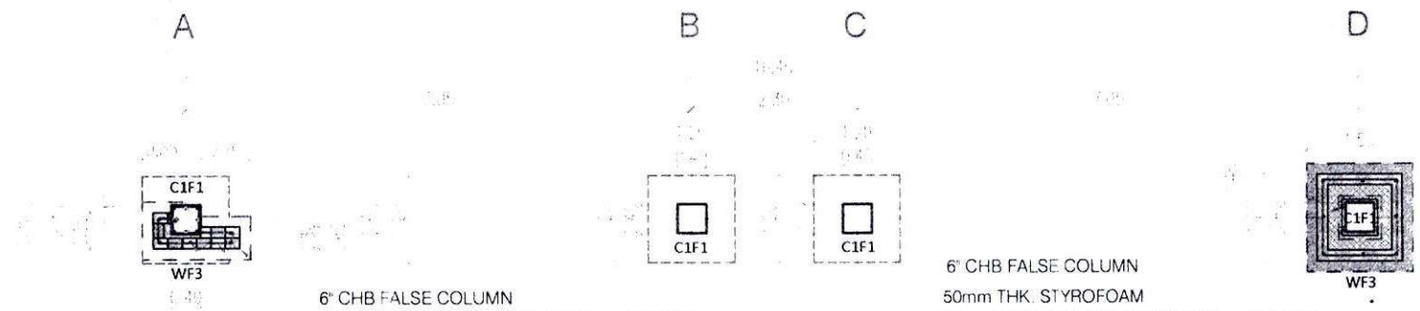
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS

LATERAL BEAM -1 DETAIL(LT-1)
LATERAL BEAM -2 DETAIL(LT-2)
LATERAL BEAM -3 DETAIL(LT-3)

SHEET NO. 13/22/S

SHEET 33 OF 47

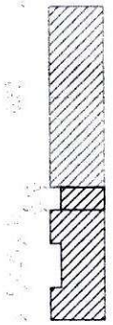


6" CHB FALSE COLUMN
12mmØ HORIZONTAL BAR @ 600mm O.C.B.W.
12mmØ VERTICAL BAR

6" CHB FALSE COLUMN
50mm THK. STYROFOAM
12mmØ HORIZONTAL BAR @ 600mm O.C.B.W.
12mmØ VERTICAL BAR

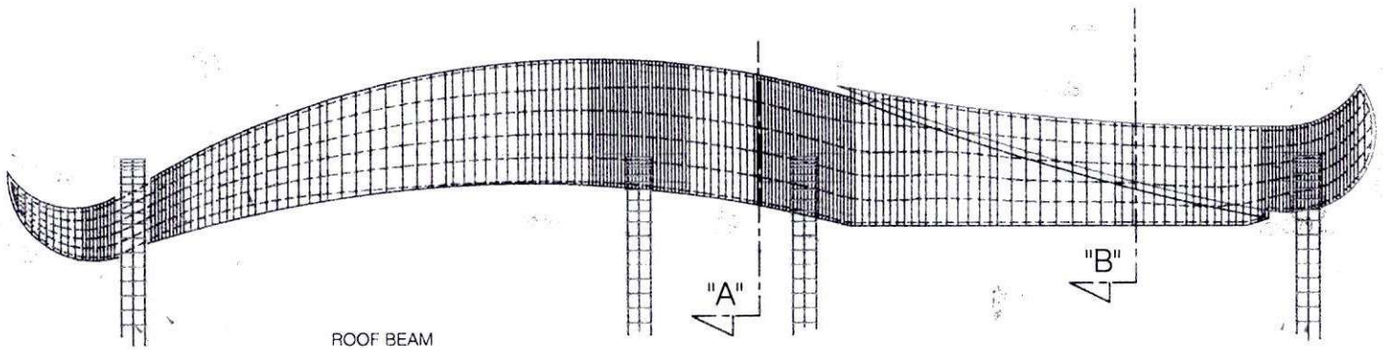
WELCOME ARCH FOUNDATION PLAN

SCALE 1:75 MTRS



SECTION DETAIL THRU "B"

SCALE 1:25 MTRS



ROOF BEAM

12mmØ BAR @ 500mm SPACED @ 50mm,
1000mm SPACED @ 100mm, 1000mm SPACED @ 150mm
and the rest SPACED @ 200mm O.C.C.

150mm CHB FALSE COLUMN

400mmX400mm COLUMN

WELCOME ARCH REINFORCEMENT BAR DETAIL

SCALE 1:75 MTRS



DECORATIVE CONCRETE
PAINTED W/ ELASTOMERIC

12mmØ DEFORMED BAR
10mmØ DEFORMED BAR

1 - 20mmØ BOTTOM
CUT BARS
2 - 20mmØ TOP
STRAIGHT BARS
10mmØ STIRRUP SPACED
@3-50, 3-100 4-150 REST
@200mm O.C.B.E
2 - 20mmØ MID BARS
2 - 20mmØ BOTTOM
STRAIGHT BARS

400mmx400mm
CONCRETE COLUMN

SECTION DETAIL THRU "A"

SCALE 1:25 MTRS

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA

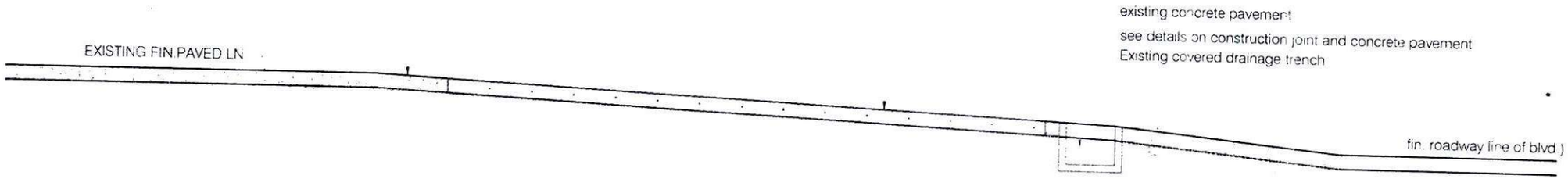
SHEET CONTENTS

WELCOME ARCH FOUNDATION PLAN
WELCOME ARCH REINFORCEMENT BAR DETAIL
SECTION DETAIL THRU "A"
SECTION DETAIL THRU "B"

SHEET NO.

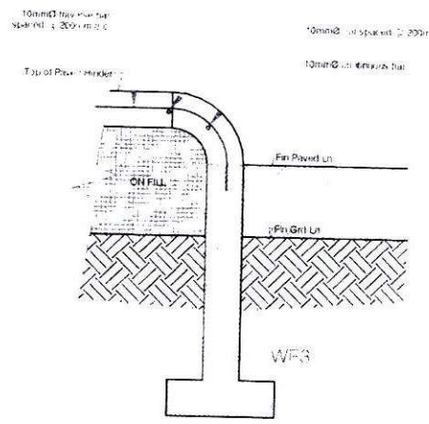
14
22 S

SHEET 14 OF 47

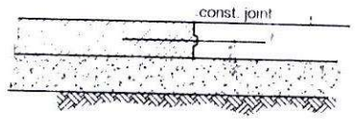


CROSS SECTION THRU "Z-Z"

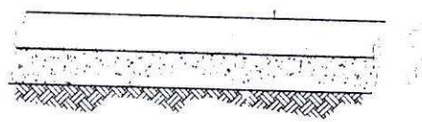
SCALE 1:60 METERS



TYP SECTION



TYP SECTION @ CONST. JOINT

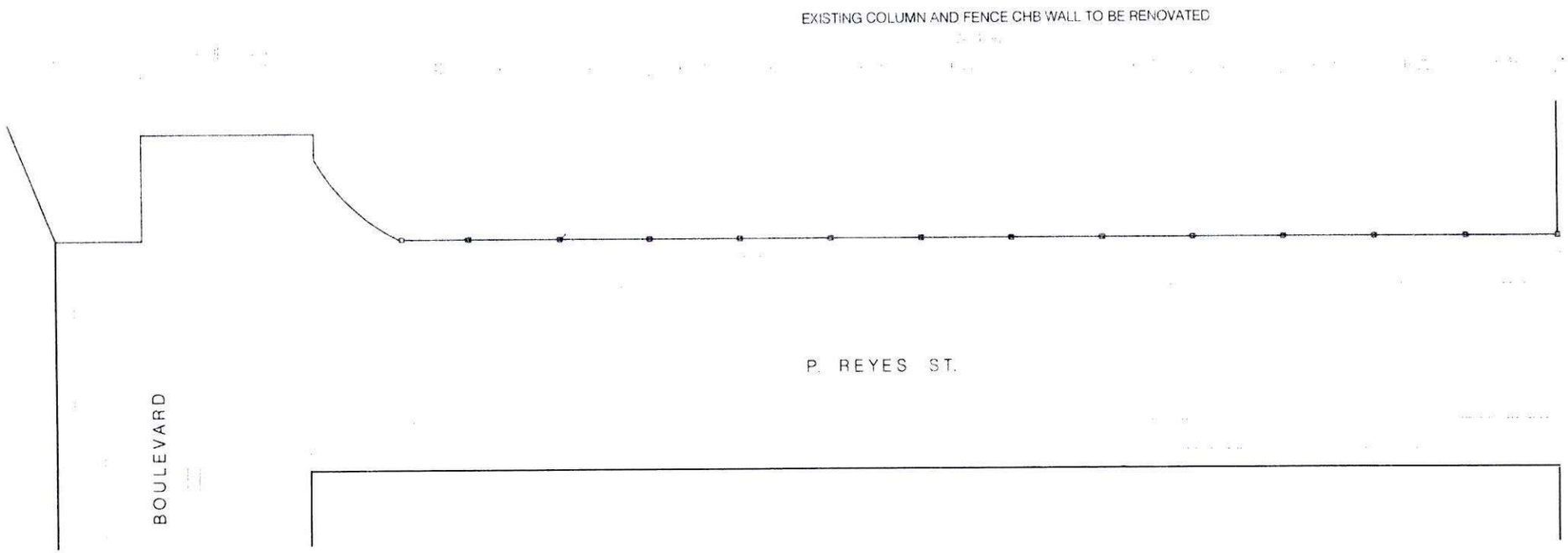


TYP SECTION OF PAVEMENT

CONCRETE CURB DETAILS

SCALE 1:15 METERS

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				CROSS SECTION THRU "Z-Z" TYPICAL SECTION OF PAVEMENT & CONSTRUCTION JOINT
	PREPARED BY RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY ROLANDO C. BUCTON BSD Manager	APPROVED BY MILDRED J. PADILLA Port Manager		SHEET NO. 15/22/S



EXISTING NORTH FENCE PLAN

SCALE 1:300 METRS

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

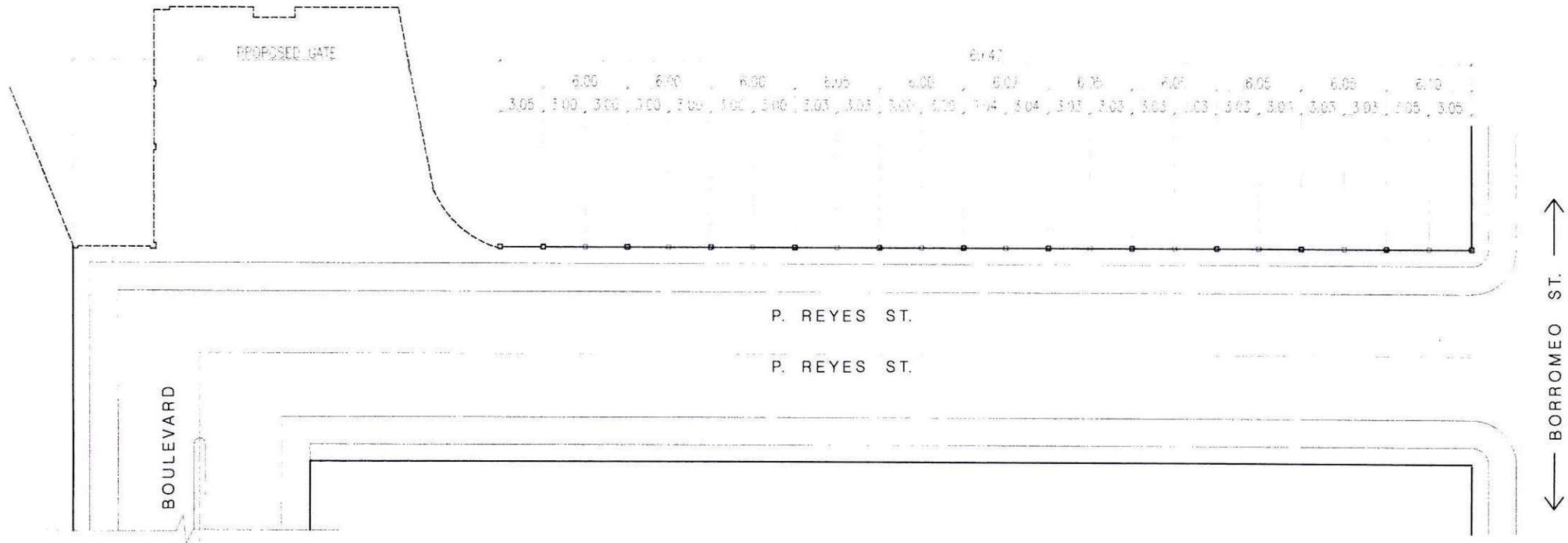
PREPARED BY	REVIEWED BY	CHECKED BY	SUBMITTED BY	APPROVED BY
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS

EXISTING NORTH FENCE PLAN

SHEET NO. 16/22 S

SHEET 36 OF 47



PROPOSED NORTH FENCE PLAN

SCALE 1:300 MTRS.

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

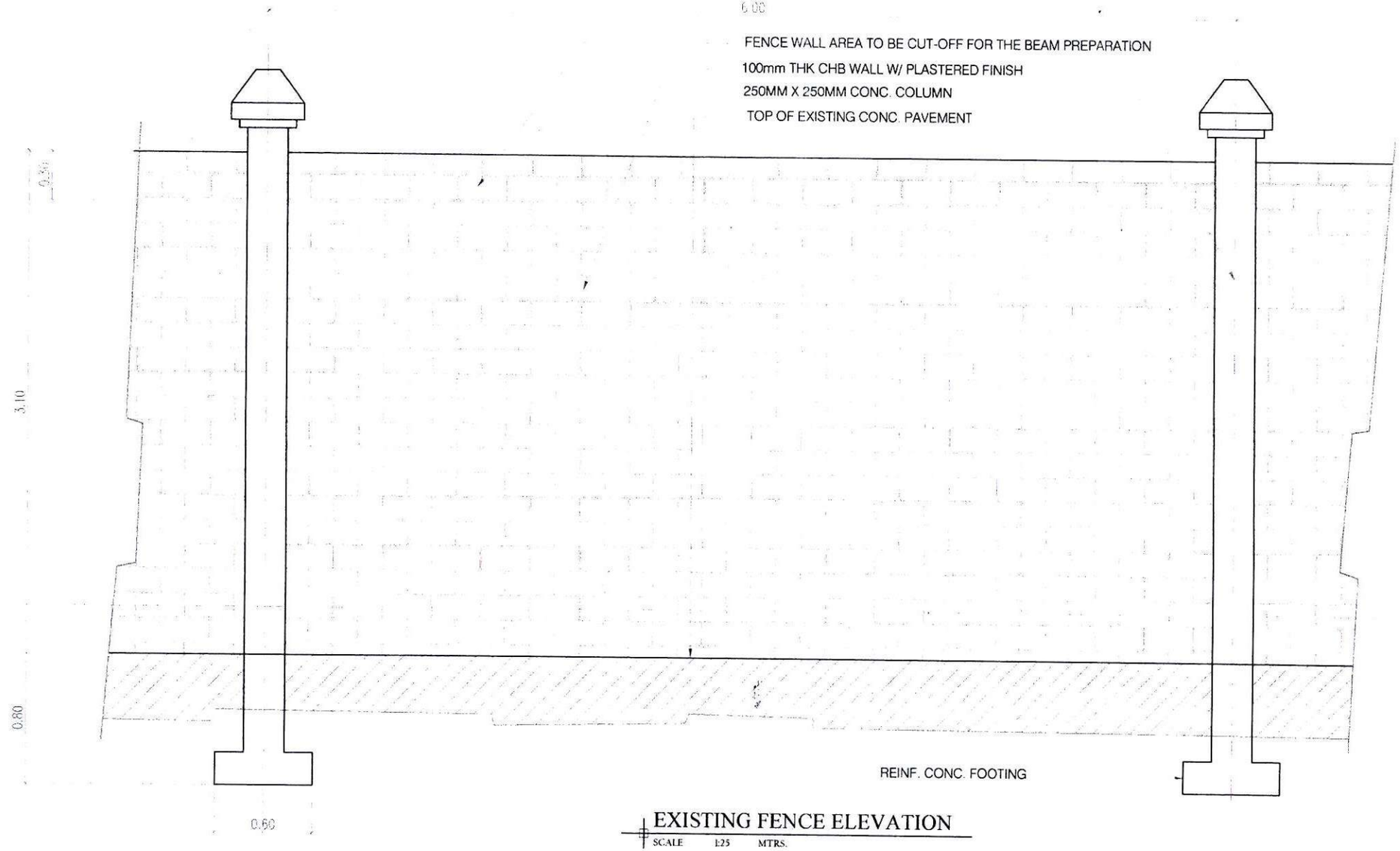
TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM	CARLSON JAY E. MARTINEZ	LAWRENCE L.E. CASAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

SHEET CONTENTS

PROPOSED NORTH FENCE PLAN

SHEET NO. 17 of 22 S



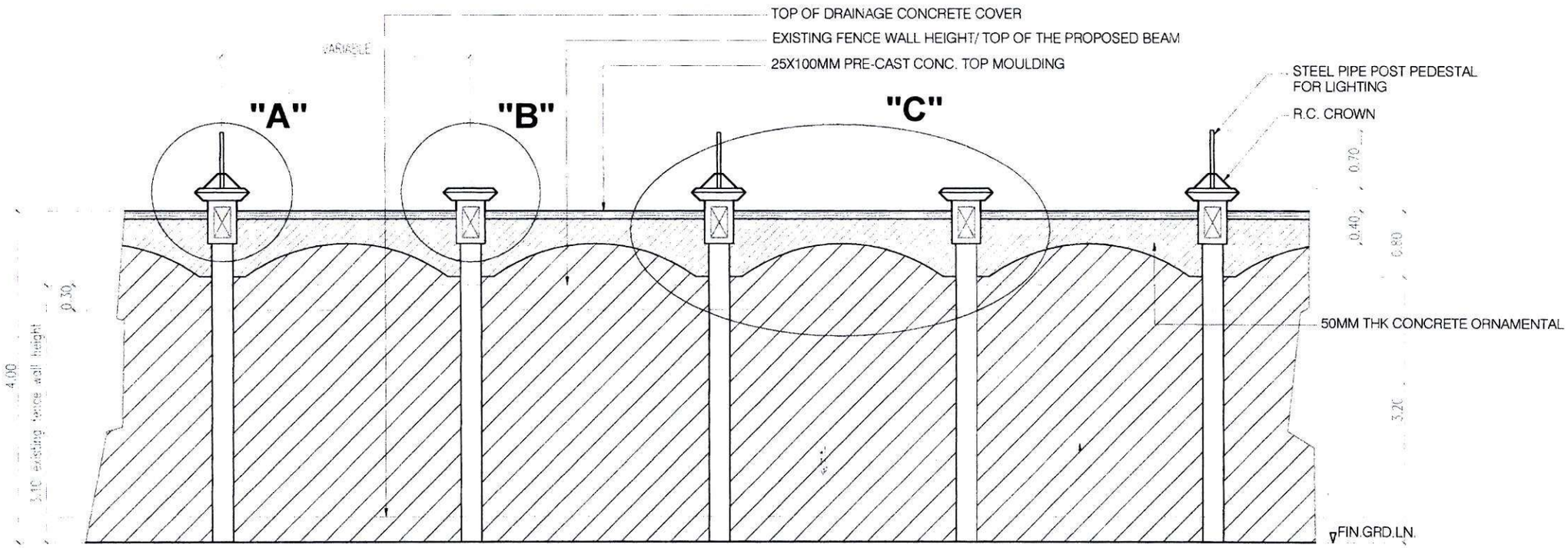
EXISTING FENCE ELEVATION

SCALE 1:25 MTRS.

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				EXISTING FENCE ELEVATION
	PREPARED BY: RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON ESD Manager	APPROVED BY: MILDRED J. PADILLA Port Manager	

SHEET NO. 18 22 S

SHEET 38 OF 47



PROPOSED FENCE ELEVATION

SCALE 1:50 MTRS.

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY C. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON BSD Manager	MILDRED J. PADILLA Port Manager

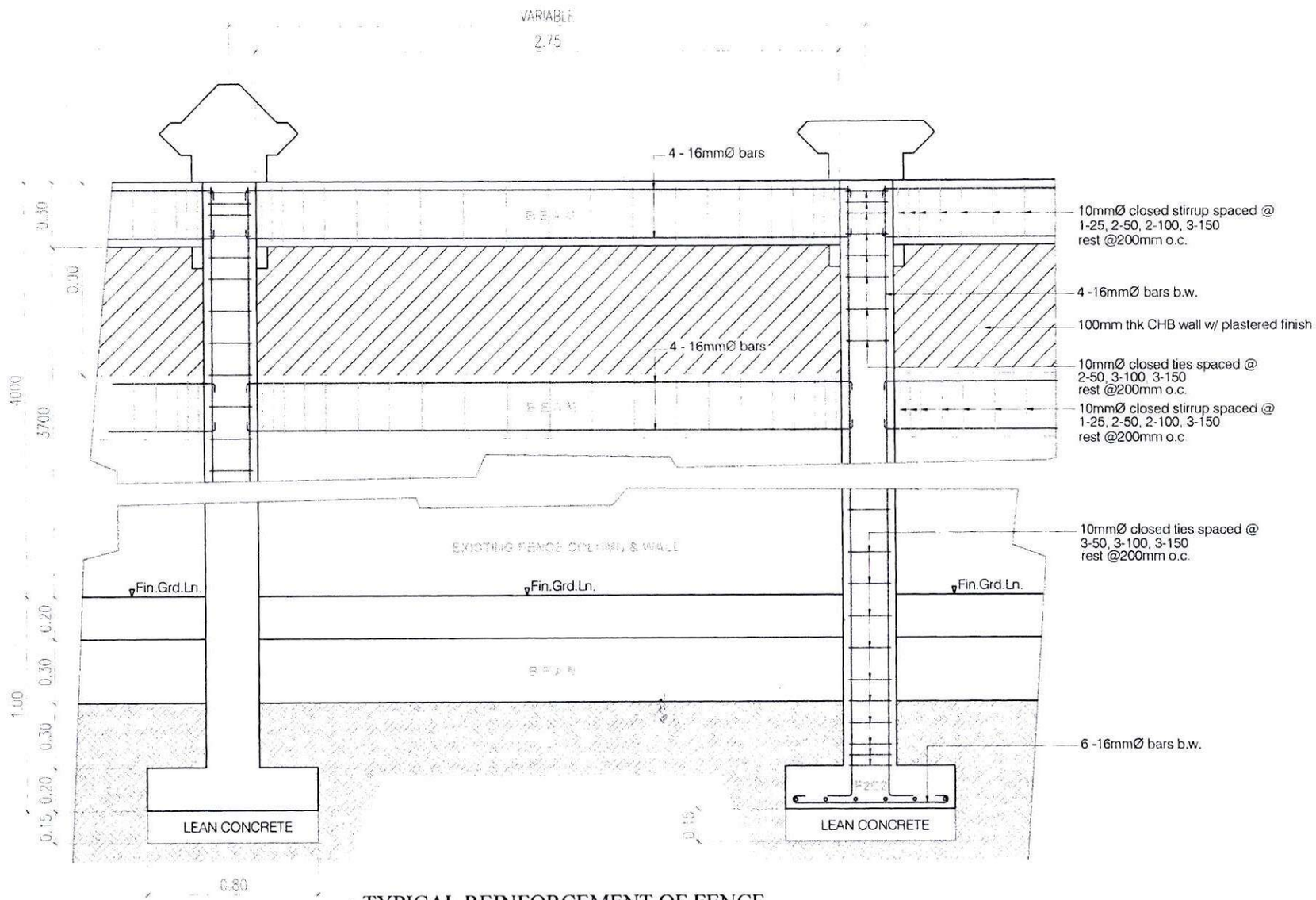
SHEET CONTENTS

PROPOSED FENCE ELEVATION

SHEET NO.

19
22 S

SHEET 39 OF 47



TYPICAL REINFORCEMENT OF FENCE

SCALE 1:20 MTRS.

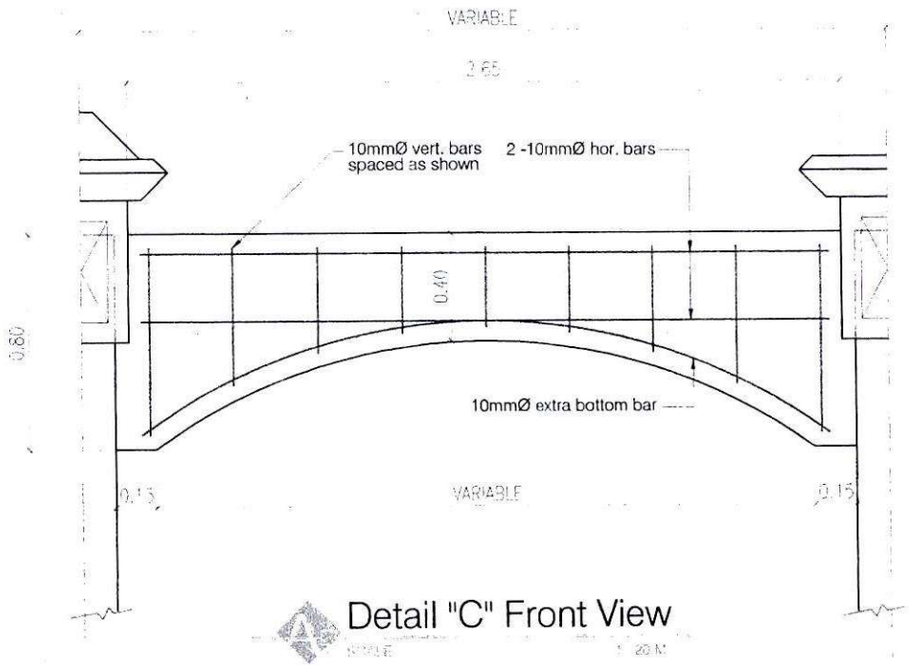
PHILIPPINE PORTS AUTHORITY

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

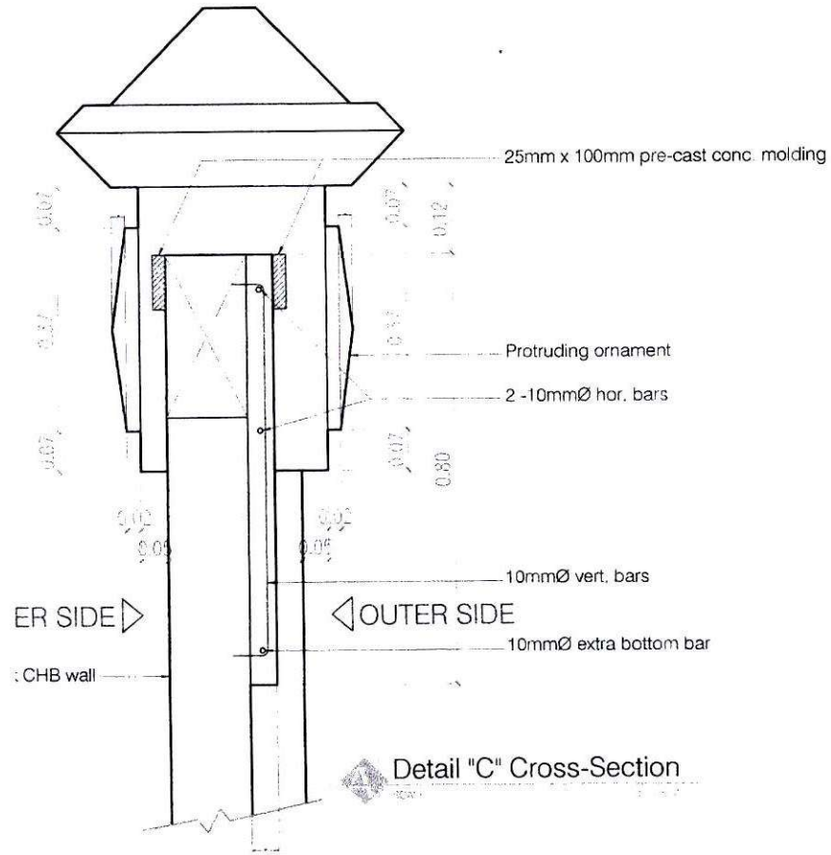
PREPARED BY: REVIEWED BY: CHECKED BY: SUBMITTED BY: APPROVED BY:

SHEET CONTENTS: TYPICAL REINFORCEMENT OF FENCE

SHEET NO. 20 / 22 S



Detail "C" Front View

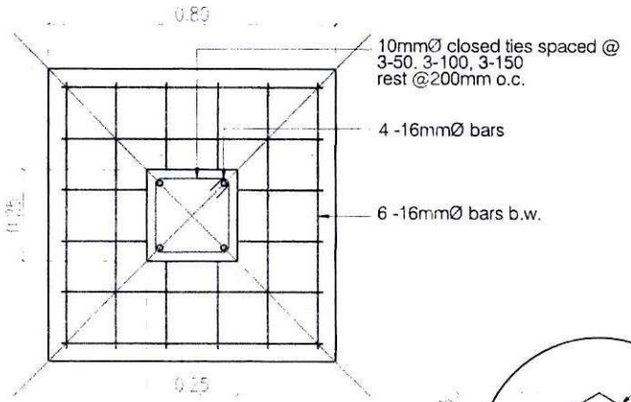


Detail "C" Cross-Section

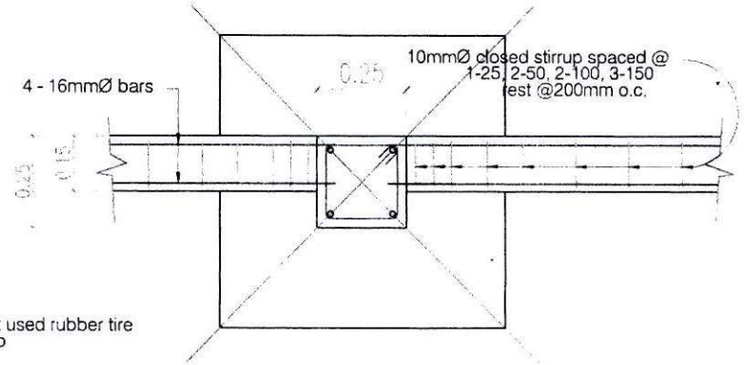
TYPICAL REINFORCEMENT OF FENCE

SCALE 1:20 MTRS.

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET			SHEET CONTENTS: TYPICAL REINFORCEMENT OF FENCE
	LOCATION	BASEPORT, SURIGAO CITY			SHEET NO.: 21 / 22 S
PREPARED BY: RANDY Y. TUSALEM, Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ, Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS, Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON, BSD Manager	APPROVED BY: MILDRED J. PADILLA, Port Manager	SHEET 41 OF 47



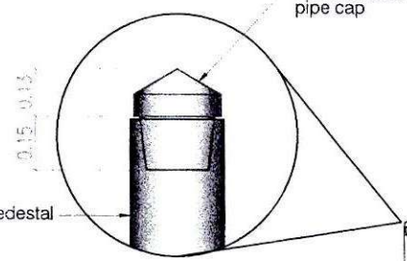
F2C2 PLAN
SCALE 1:15 MTRS

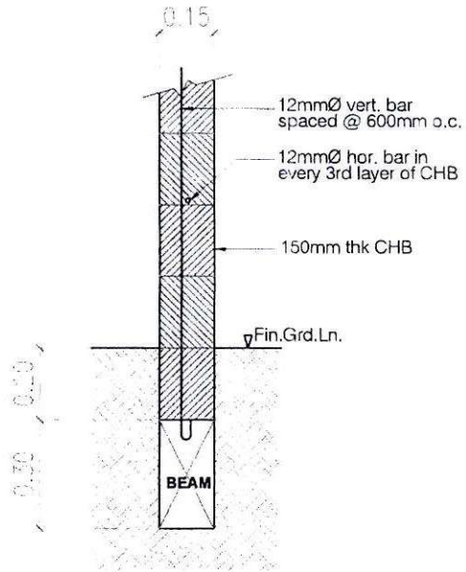


BEAM SECTIONAL PLAN
SCALE 1:15 MTRS

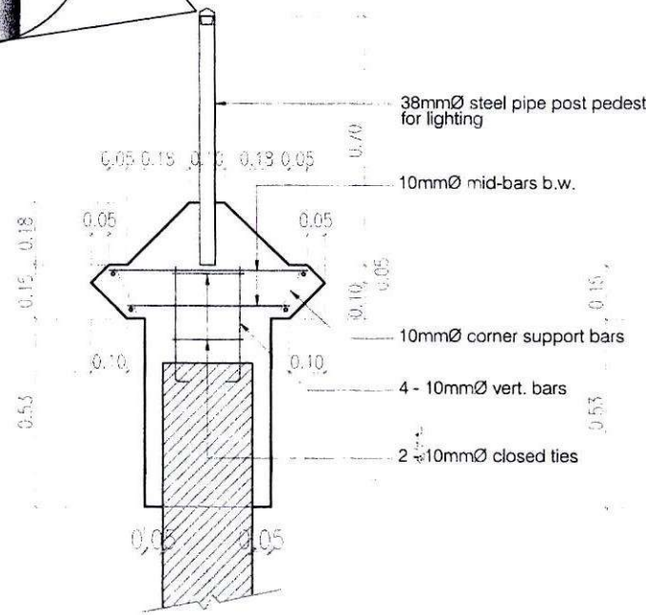


BEAM CROSS-SECTION
SCALE 1:15 MTRS

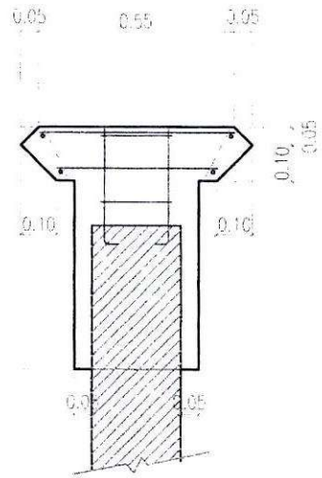




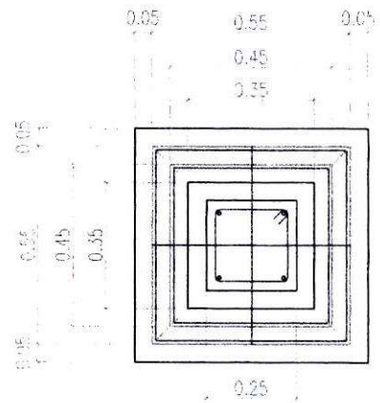
WALL FOOTING
SCALE 1:15 MTRS



DETAIL "A"
SCALE 1:15 MTRS.

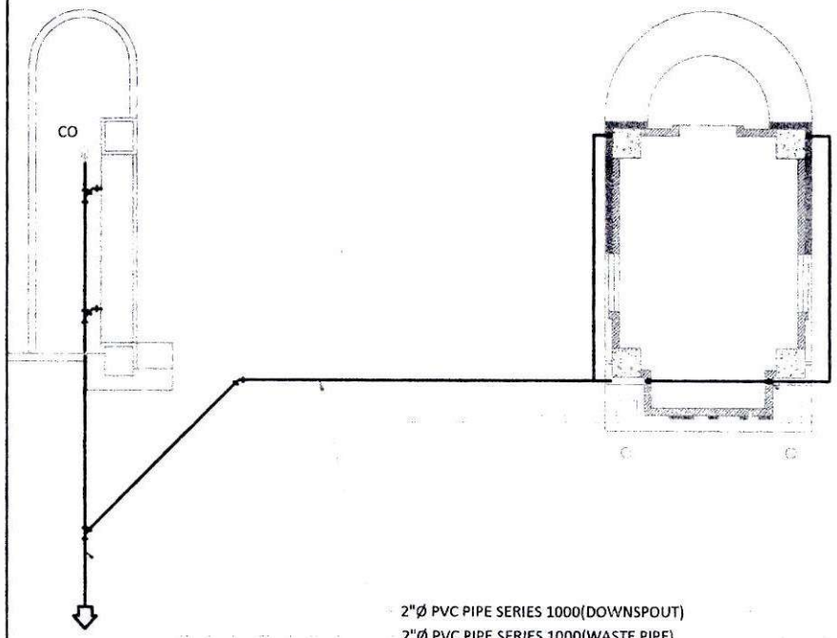


DETAIL "B"
SCALE 1:15 MTRS.



PLAN OF DETAILS "A&B"
SCALE 1:15 MTRS.

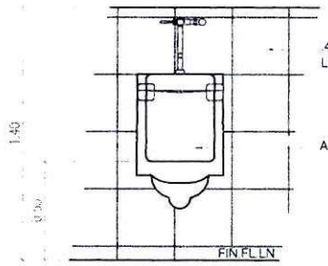
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				F1C1 PLAN WALL FOOTING BEAM SECTIONAL PLAN BEAM CROSS-SECTION
	PREPARED BY: RANDY Y. TUSALEM, Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ, Senior Engineer A	CHECKED BY: LAWRENCE L.E. CASAS, Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON, BSD Manager	APPROVED BY: MILDRED J. PADILLA, Port Manager	SHEET NO. 22 / 22 S
						SHEET 42 OF 47



2"Ø PVC PIPE SERIES 1000(DOWNSPOUT)
2"Ø PVC PIPE SERIES 1000(WASTE PIPE)

STORM DRAIN LAYOUT PLAN

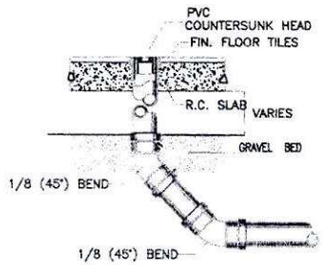
SCALE 1:150 MTRS.



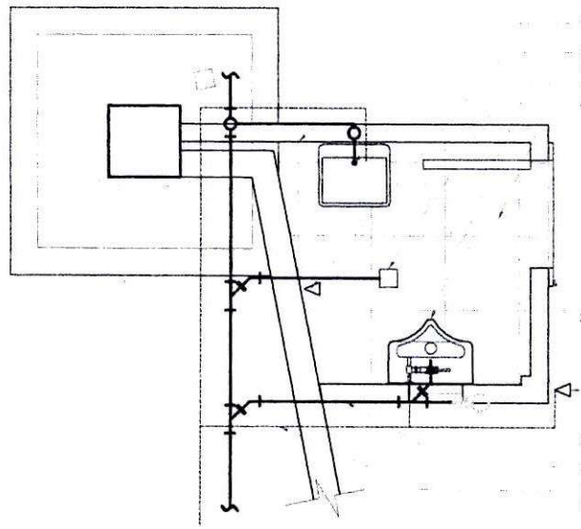
40mX 40m GLAZED CERAMIC TILES
LIGHT COLOR

AMERICAN STANDARD URINAL SET

ELEVATION



FLOOR CLEAN-OUT DETAIL



40mX 40m GLAZED WALL
CERAMIC TILES DARK COLOR
WALL MOUNTED LAVATORY
(AMERICAN STANDARD)
STAINLESS FAUCET
STAINLESS STRAINER
AMERICAN STANDARD URINAL SET
40mX 40m UNGLAZED CERAMIC TILES
DARK COLOR

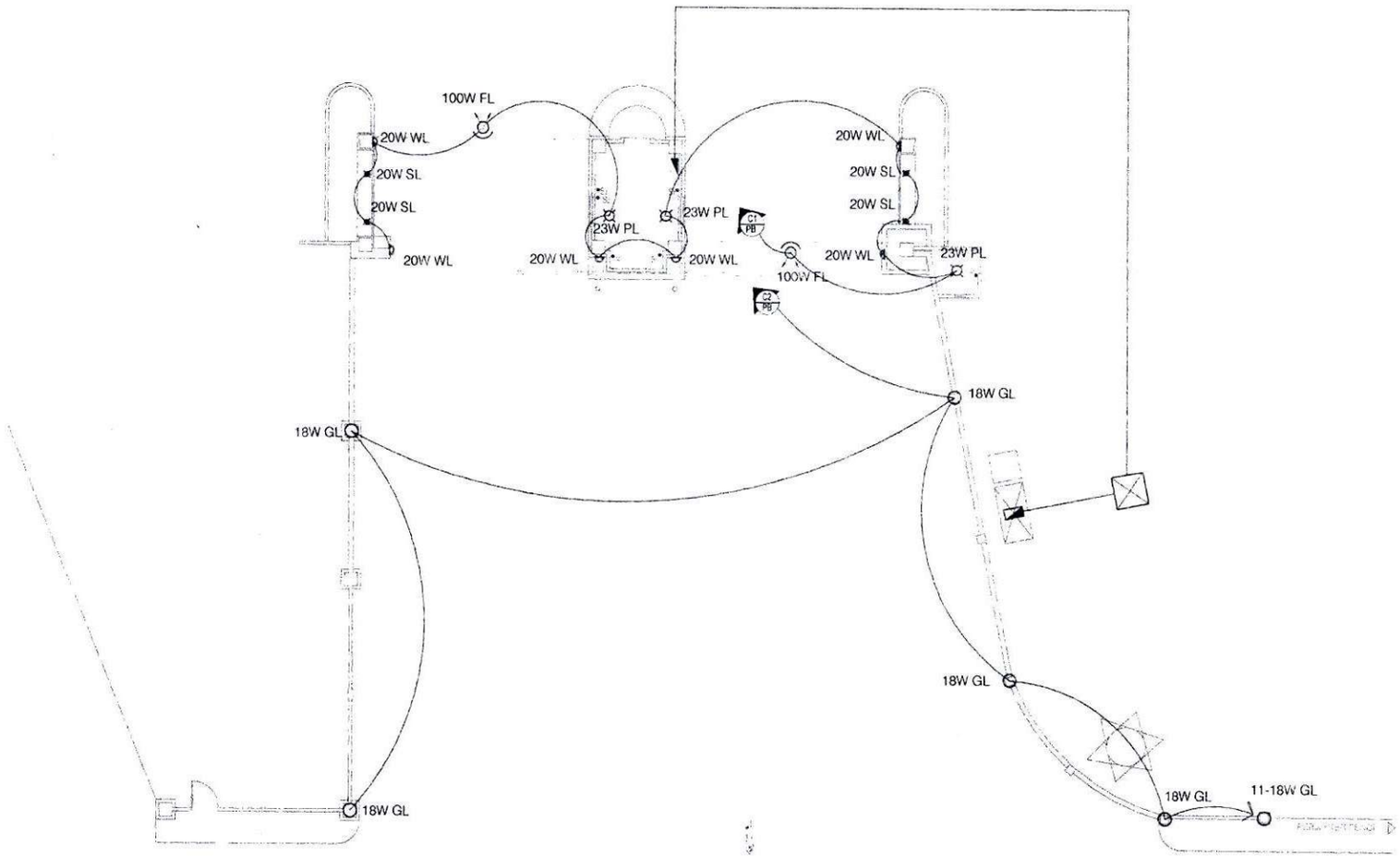
25mmX 100mm CONCRETE MOULDING

STAINLESS HOSE BIB
2'Ø PVC PIPE SERIES 1000(WASTE PIPE)
1/2'Ø G.I. PIPE SCHD.40 WATER
SUPPLY LINE((from water source))

PLUMBING LAYOUT PLAN

SCALE 1:30 MTRS.

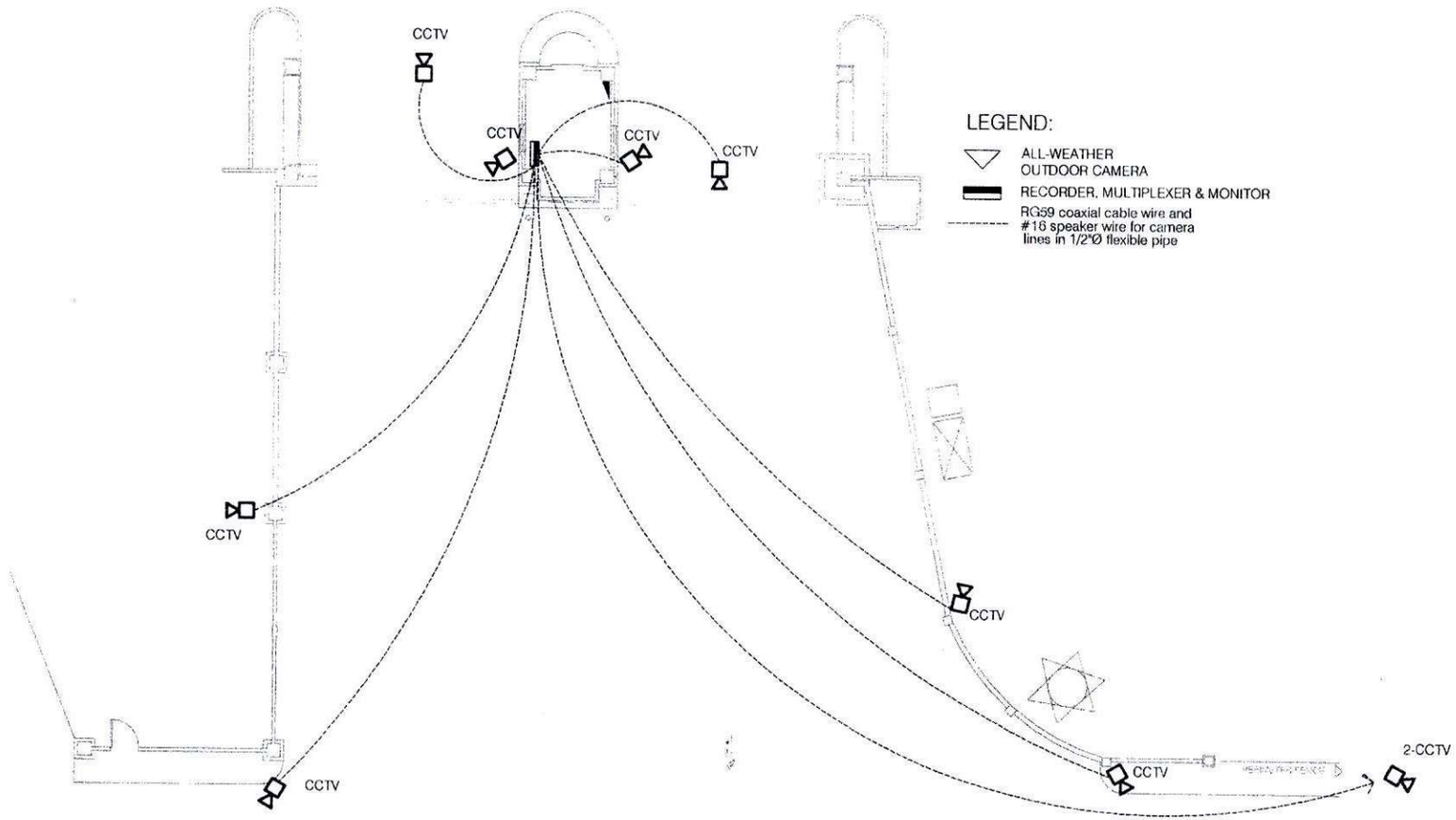
PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET			SHEET CONTENTS	SHEET NO.
	LOCATION	BASEPORT, SURIGAO CITY			PLUMBING LAYOUT PLAN STORM DRAIN LAYOUT PLAN	1 P
	PREPARED BY: RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON ESD Manager	APPROVED BY: MILDRED J. PADILLA Port Manager	SHEET 47 OF 47



LIGHTING LAYOUT PLAN

SCALE 1:150 MTRS.

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET			SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY			LIGHTING LAYOUT PLAN
PREPARED BY: RANDY Y. TUSALEM Engineering Assistant A	REVIEWED BY: CARLSON JAY E. MARTINEZ Senior Engineer A	CHECKED BY: LAWRENCE L.E. CAGAS Principal Engineer A	SUBMITTED BY: ROLANDO C. BUCTON ESD Manager	APPROVED BY: MILDRED J. PADILLA Port Manager	SHEET NO. 4 E



PROVISION ON CCTV LAYOUT PLAN

SCALE 1:50 MTRS

PHILIPPINE PORTS AUTHORITY

PMO-SURIGAO

TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET
LOCATION	BASEPORT, SURIGAO CITY

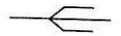
PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM	CARLSON JAY S. MARTINEZ	LAWRENCE L.E. CAGAS	ROLANDO C. BUCTON	MILDRED J. PADILLA
Engineering Assistant A	Senior Engineer A	Principal Engineer A	ESD Manager	Port Manager

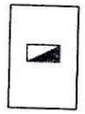
SHEET CONTENTS

PROVISION ON CCTV LAYOUT PLAN

SHEET NO. 2 4 E

ELECTRICAL LEGEND & SYMBOLS:


SERVICE ENTRANCE


EXISTING PANEL BOARD


EXISTING HAND HOLE


PANEL BOARD


CCTV


SPEAKER


PUSH BUTTON SWITCH
(switch for electronic barrier)


ELECTRONIC BARRIER


TWO-GANG CONVENIENCE OUTLET


100 WATTS LED FLOOD LIGHT


20W LED SPOT LIGHT FOR OUTDOOR


18W GLOBE LAMP


23W PIN LIGHT


20W LED WALL LAMP


CIRCUIT HOMERUN

SWITCH LINE

POWER LINE

ONE GANG SWITCH

TWO GANG SWITCH

SCHEDULE OF LOADS & DESIGN COMPUTATION

CKT NO.	DESCRIPTION	NO. OF OUTLETS			SWITCHES			VOLTAGE	WATTS	AMPERE LOAD	CB RATE	SIZE OF WIRE & CONDUIT
		L.O.	C.O.	OTHERS	S1	S2	S3					
C1	23 WATTS PINLIGHT	3			1	4		220	469	2.13 A	15	2X2.0mm² THW WIRE IN 15mmø PVC CONDUIT PIPE
	20 WATTS LED SPOTLIGHT	4										
	20 WATTS LED WALL LAMP	6										
	100 WATTS LED FLOOD LIGHT	2										
C2	18 WATTS GLOBE LIGHT	16				1		220	288	1.31 A	15	2X2.0mm² THW WIRE IN 15mmø PVC CONDUIT PIPE
C3	ELECTRONIC BARRIER			2				220	300	1.36 A	30	2X5.5mm² THW WIRE IN 15mmø PVC CONDUIT PIPE
C4	CONVENIENCE OUTLET		2					220	500	2.27 A	30	2X5.5mm² THW WIRE IN 15mmø PVC CONDUIT PIPE
C5	SPARE											
C6	SPARE											
TOTAL		31	2	2	1	5		220	1557	7.07 A	60 A	2X8.0mm² THW WIRE IN 25mmø PVC CONDUIT PIPE

COMPUTATION

FORMULA : OHM'S LAW $I_T = \frac{1557}{220} = 7.07A$

I_T = C1 C2,C3.....

THEREFORE : USE, 60 AMPS MAIN CIRCUIT BREAKER
2X8.0mm² THW WIRE IN 25mmø PVC CONDUIT PIPE

PHILIPPINE PORTS AUTHORITY
PMO-SURIGAO

TITLE: REPAIR OF GATE NO.5 ALONG P. REYES STREET

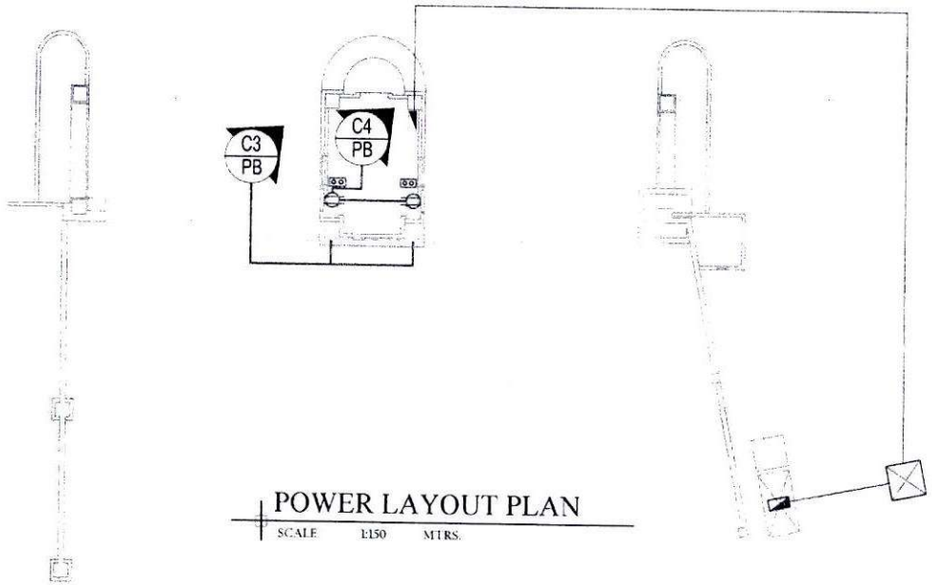
LOCATION: BASEPORT, SURIGAO CITY

PREPARED BY:	REVIEWED BY:	CHECKED BY:	SUBMITTED BY:	APPROVED BY:
RANDY Y. TUSALEM Engineering Assistant A	CARLSON JAY E. MARTINEZ Senior Engineer A	LAWRENCE L.E. CAGAS Principal Engineer A	ROLANDO C. BUCTON ESD Manager	MILDRED J. PADILLA

SHEET CONTENTS

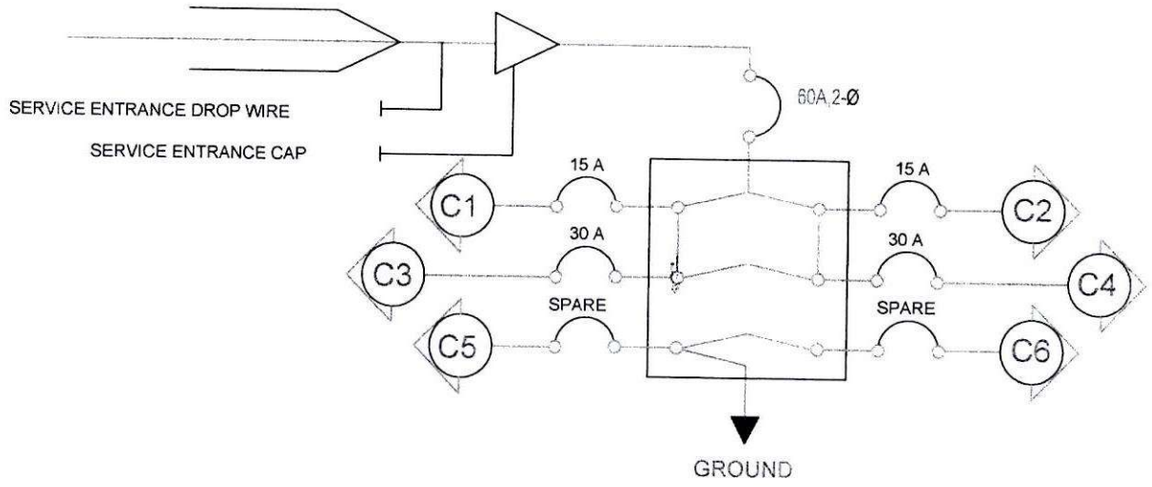
ELECTRICAL LEGEND & SYMBOLS
SCHEDULE OF LOADS AND DESIGN COMPUTATION

SHEET NO. 4 | 4 E



POWER LAYOUT PLAN

SCALE 1:150 MTRS.



RISER DIAGRAM

PHILIPPINE PORTS AUTHORITY PMO-SURIGAO	TITLE	REPAIR OF GATE NO.5 ALONG P. REYES STREET				SHEET CONTENTS
	LOCATION	BASEPORT, SURIGAO CITY				POWER LAYOUT PLAN RISER DIAGRAM
	PREPARED BY: **RANDY Y. TUSALEM** Engineering Assistant A	REVIEWED BY: **CARLSON JAY E. MARTINEZ** Senior Engineer A	CHECKED BY: **LAWRENCE L.E. CAGAS** Principal Engineer A	SUBMITTED BY: **ROLANDO C. BUCTON** PSD Manager	APPROVED BY: **MILDRED J. PADILLA** Port Manager	

SHEET NO. 8 / 4 E