



Republic of the Philippines
CITY GOVERNMENT OF SAN CARLOS
Province of Negros Occidental

**BIDS AND AWARDS COMMITTEE
(BAC)**

BIDDING DOCUMENTS

FOR
7960

Purchase Request No. 18-24-05-0849 -
Approved Budget of the Contract (ABC): ₱ 6,165,800.00 -

**CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium)
PHASE 2, BRGY. PROSPERIDAD, SAN CARLOS CITY, NEGROS OCCIDENTAL**

With Terms of Reference (TOR) and Project Plan

(First Envelope: Eligibility and Technical Components)

SUBMITTED BY : _____
ADDRESS : _____
CONTACT NO. : _____
EMAIL AD : _____

DATE OF SUBMISSION

INSTRUCTIONS TO BIDDERS

1. Please submit sets of documents completely in two separate envelopes:
The First Envelope (Original, Copy 1 and Copy 2) containing Eligibility & Technical Documents
The Second Envelope (Original, Copy 1 and Copy 2) containing Financial Documents.
2. Check that all annexes are in accordance with the prescribed format and submit it in chronological order.
3. Submit your completed bid documents on or before the time of the opening of bids mentioned below.
4. Electronic submission and receipt of bids is not available pending compliance with GPPB Resolutions.

Compliance of the above is for mutual advantage, i.e. to facilitate a complete and thorough evaluation of your bid documents.

SCHEDULES

Schedule/Place of Pre-bid Conference

May 30, 2024 @ 8:30 AM
BAC Secretarial Office
2F City Hall Building

Schedule/Place of Bid Opening

June 11, 2024 @1:30 PM
BAC Secretarial Office
2F City Hall Building

Nonrefundable fee of Bidding Documents @ Php 10,000.00

**Bid and Awards Committee
City of San Carlos**

**Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental**

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

- 1. PHILGEPS Certificate of Registration and membership in accordance with Section 8.5.2 of R.A 9184 – Platinum Membership
- 2. Joint Venture Agreement (JVA), if applicable
- 3. Net Financial Contracting Capacity (NFCC) based on the data submitted to the BIR thru its EFPS or Committed Line of Credit (CLCC) from a Universal or Commercial Bank
- 4. Duly Notarized Statement of all on-Going Government and Private Contracts
- 5. Duly Notarized Statements of:
 - a. At least three (3) Completed Similar Contracts (Government or Private) for the last five (5) years.
 - b. Single Largest Completed Contract (SLCC) at least 50% of the total ABC.
- 6. PCAB License
- 7. Project Requirements:
 - a. Organizational Chart for the contract to be bid
 - b. List of Contractor's Personnel (Civil Engineer, Skilled laborers [to include Mason, Welder, and Carpenter], and Manual laborers) to be assigned to the contract to be bid with their complete qualification and experience data
 - c. List of Contractor's Equipment (owned, leased and/or under purchase agreements, supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project)
 - d. Duly Notarized Affidavit of Site Inspection (Please see attached Form)
- 8. Bid Security in any of the following forms:
 - a) Cash or cashier's / Manager's Check issued by a Universal or Commercial Bank in favor of the City Treasurer of San Carlos City. Two percent (2%) of the ABC
 - 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. Two percent (2%) of the ABC
 - 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. Five percent (5%) of the ABC
 - d) Any combination of the foregoing Proportionate to share form with respect to total amount of security
 - e) Bid Securing Declaration
- 9. Omnibus Sworn Statement in accordance with Sec. 25.3 (Please see attached Form)

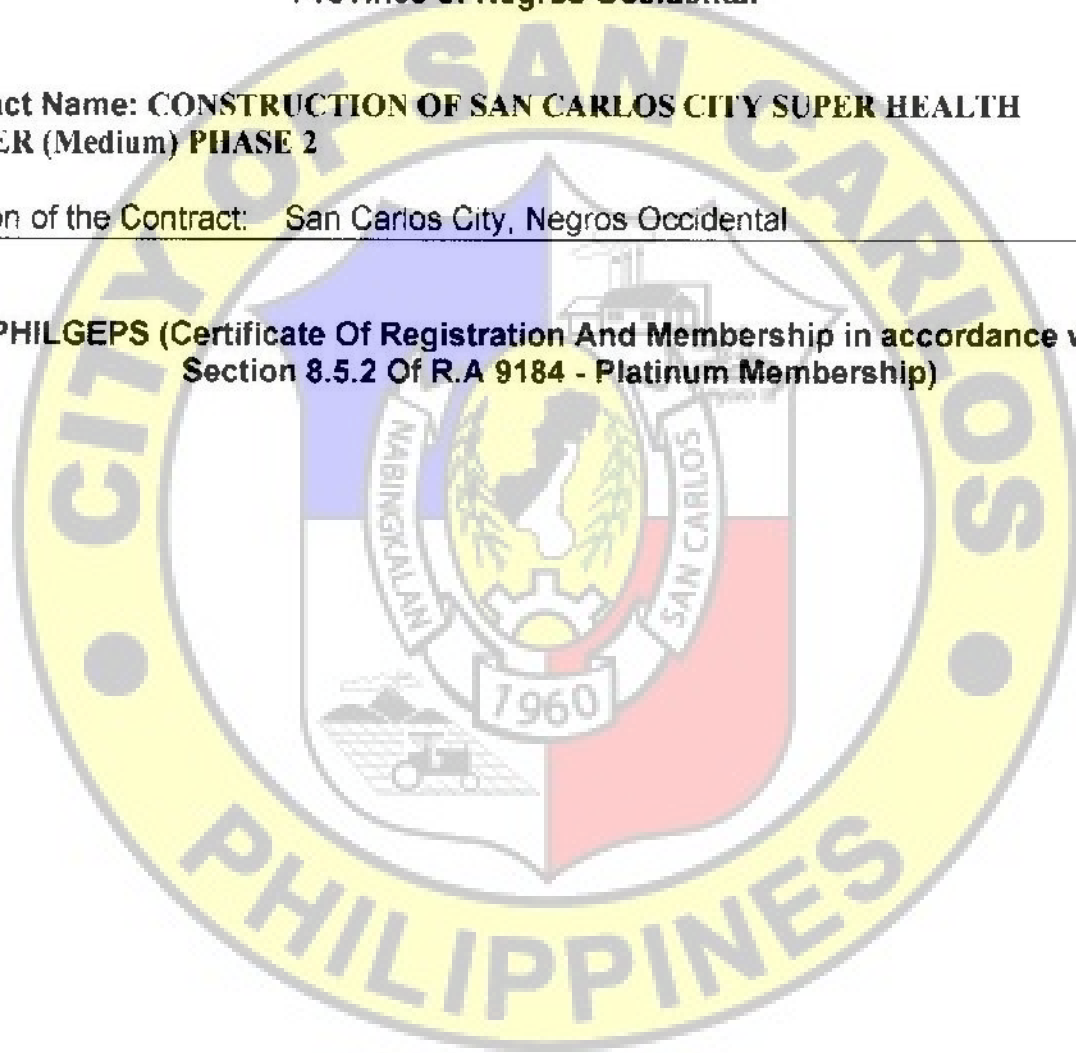
X-X

Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

- 1. PHILGEPS (Certificate Of Registration And Membership in accordance with Section 8.5.2 Of R.A 9184 - Platinum Membership)**

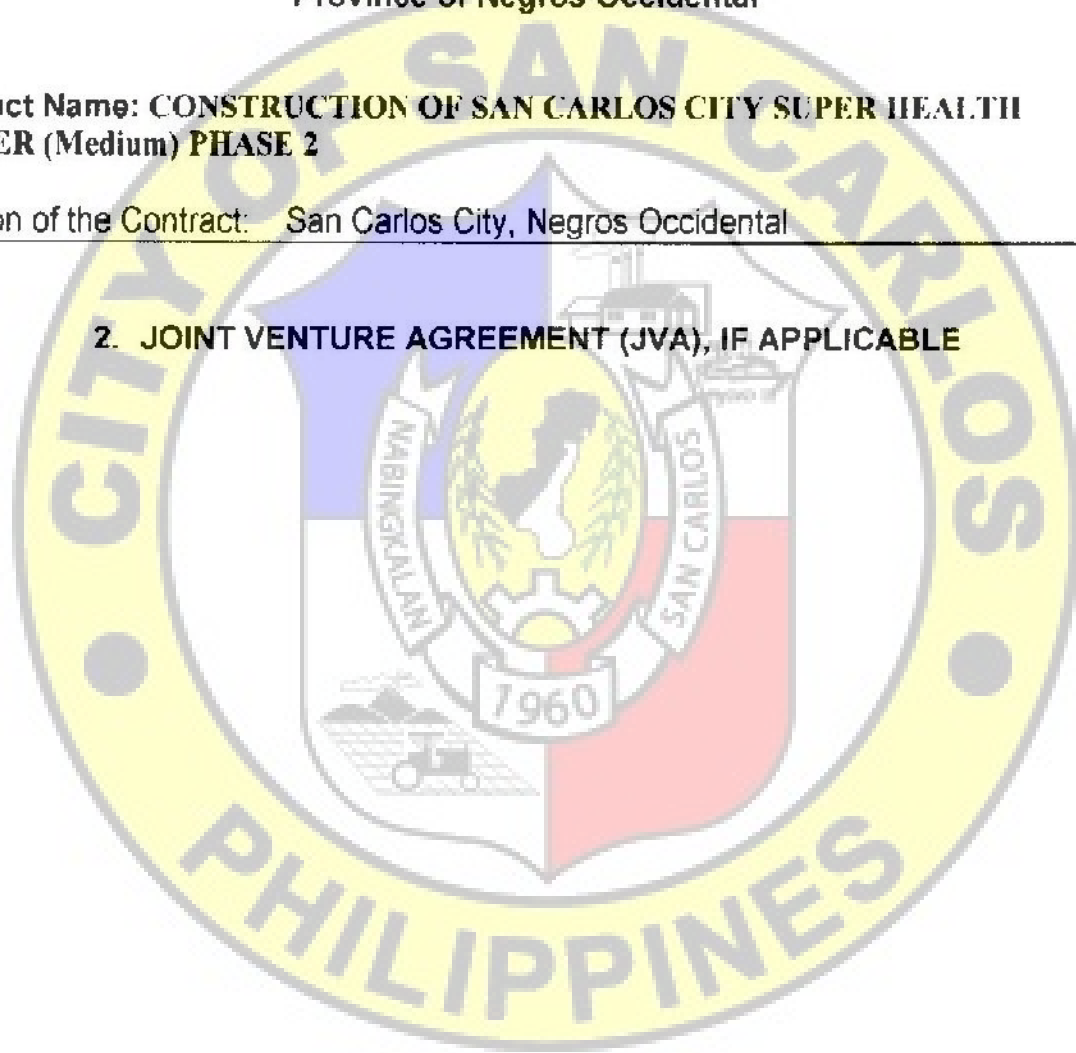


Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

2. JOINT VENTURE AGREEMENT (JVA), IF APPLICABLE

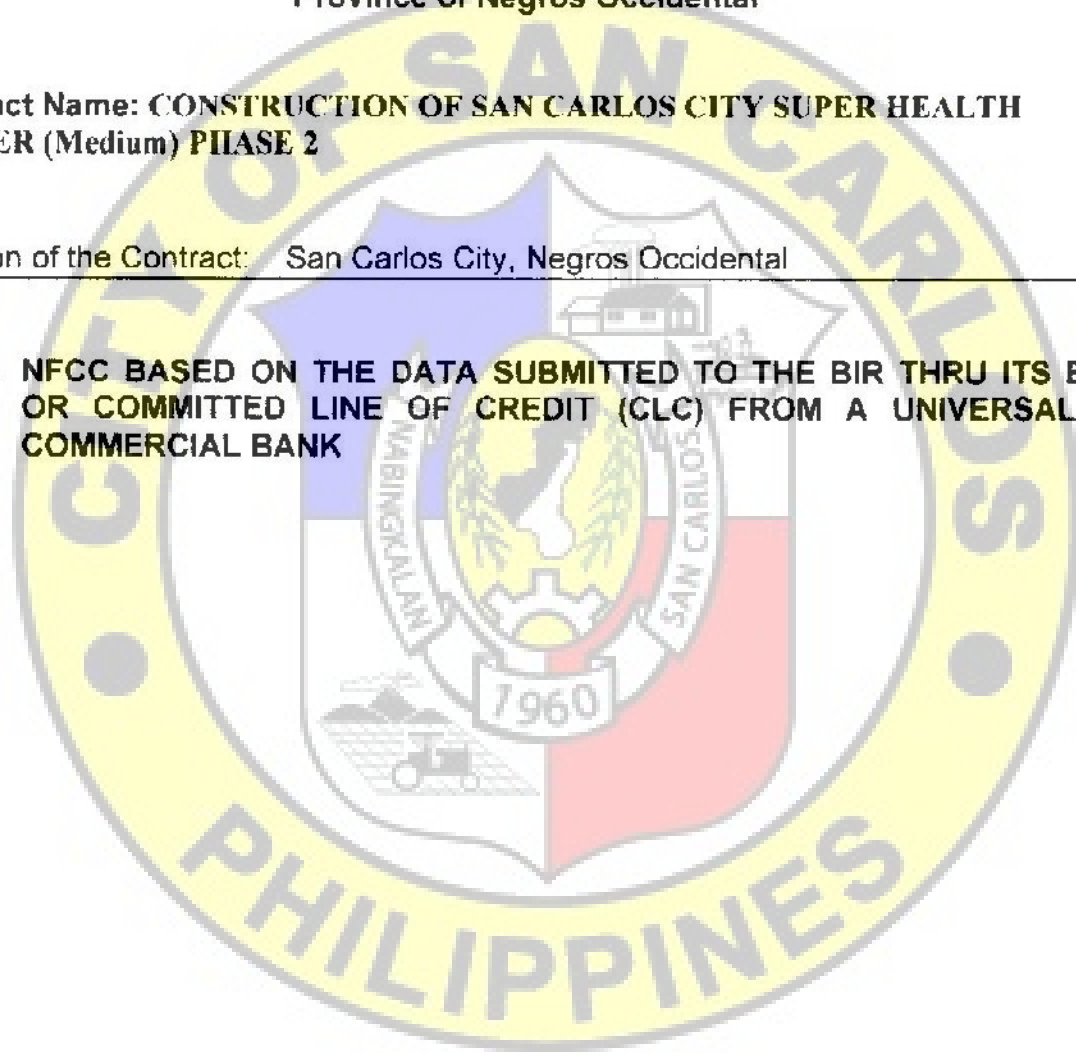


Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

3. **NFCC BASED ON THE DATA SUBMITTED TO THE BIR THRU ITS EFPS OR COMMITTED LINE OF CREDIT (CLC) FROM A UNIVERSAL OR COMMERCIAL BANK**

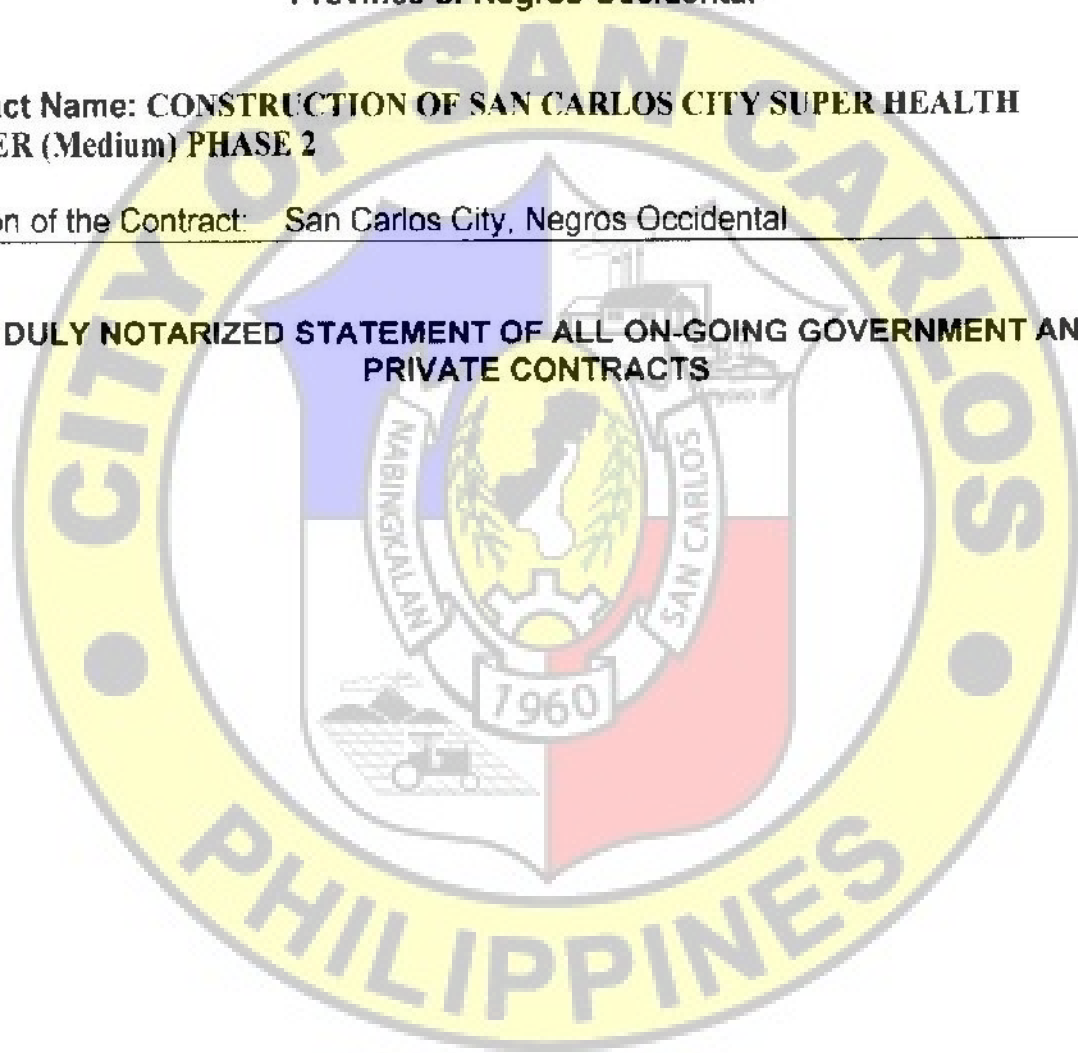


Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

4. DULY NOTARIZED STATEMENT OF ALL ON-GOING GOVERNMENT AND PRIVATE CONTRACTS



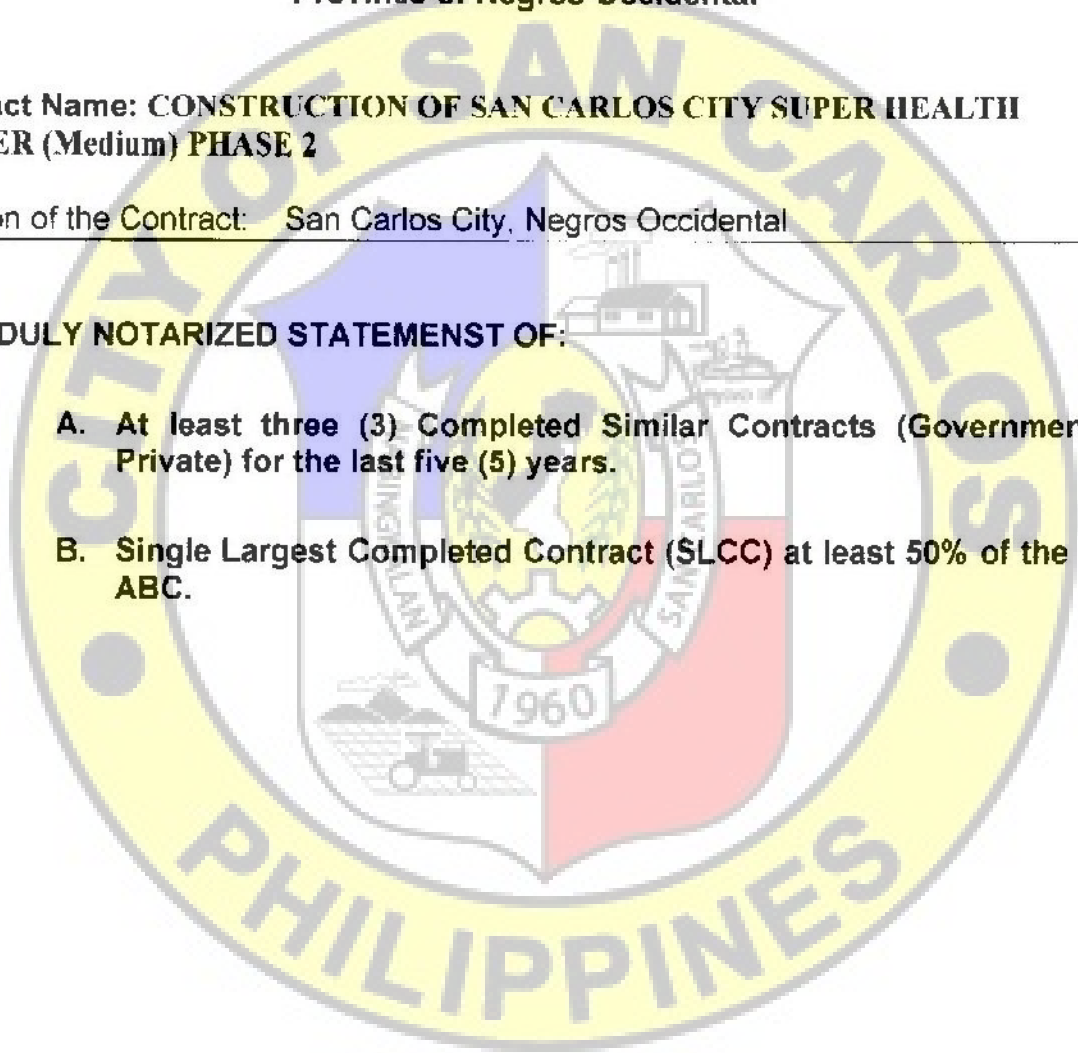
Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

**Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH
CENTER (Medium) PHASE 2**

Location of the Contract: San Carlos City, Negros Occidental

5. DULY NOTARIZED STATEMENT OF:

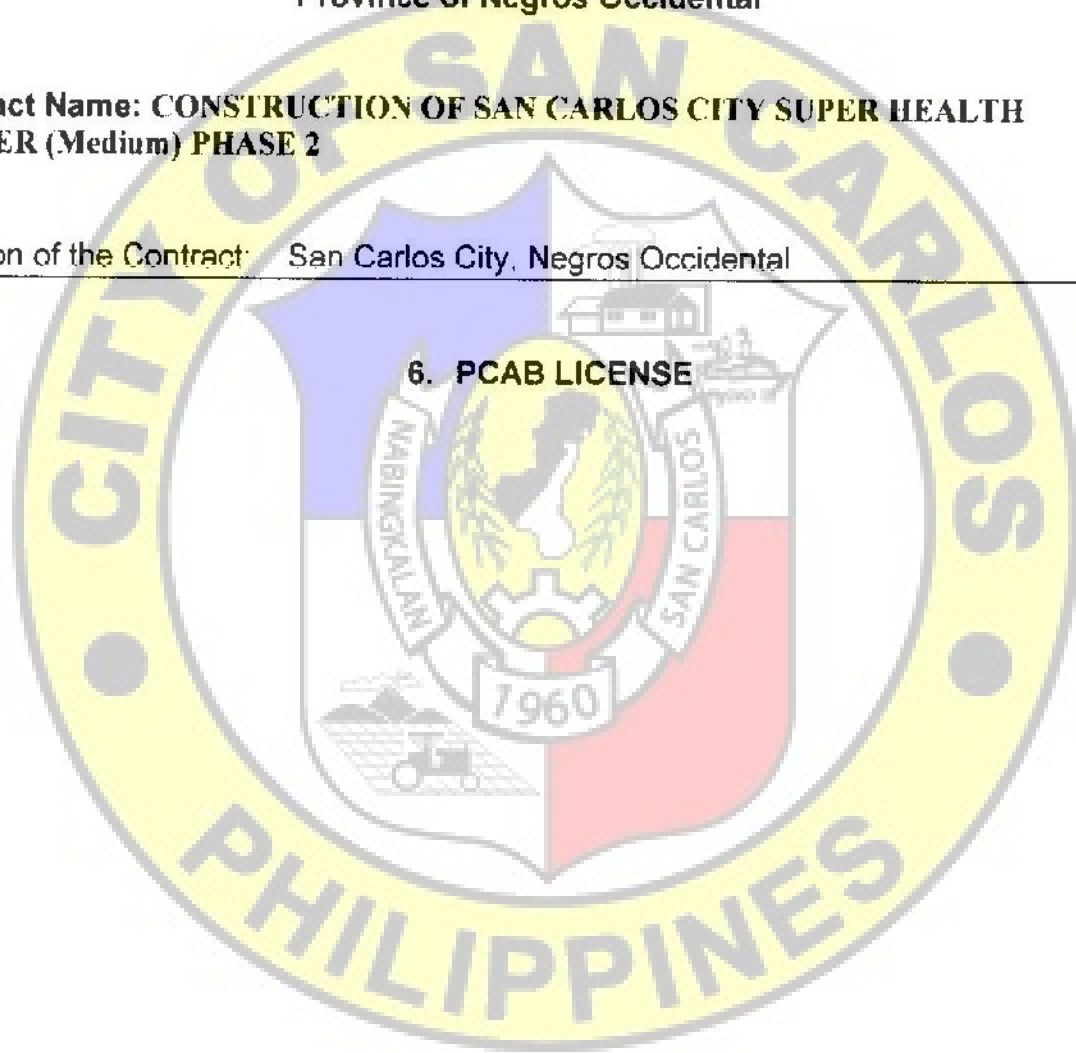
- A. At least three (3) Completed Similar Contracts (Government or Private) for the last five (5) years.**
- B. Single Largest Completed Contract (SLCC) at least 50% of the total ABC.**



Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental



6. PCAB LICENSE

Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH
CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

7. PROJECT REQUIREMENTS:

- a. Organizational Chart for the contract to be bid
- b. List of Contractor's Personnel (Civil Engineer, Skilled laborers [to include Mason, Welder, and Carpenter], and Manual laborers) to be assigned to the contract to be bid with their complete qualification and experience data
- c. List of Contractor's Equipment (owned, leased and/or under purchase agreements, supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project)
- d. Duly Notarized Affidavit of Site Inspection (Please see attached Form)

Name of the Procuring Entity

Contract Reference Number
Name of the Contract
Location of the Contract

Standard Form Number: SF-INFR-51
Revised on: August 11, 2004

AFFIDAVIT OF SITE INSPECTION

I, _____ (Representative of the Bidder) _____, of legal age, _____ civil status _____ Filipino and residing at _____ (Address of the Representative) _____, under oath, hereby depose and say:

That I am the _____ (Position in the Bidder) _____ of the _____ (Name of the Bidder) _____, with office at _____ (Address of the Bidder) _____;

That I have inspected the site for _____ (Name of the Contract) _____, located at _____ (Location of the Contract) _____;

That I am making this statement as part of the requirement for the Technical Proposal of the _____ (Name of the Bidder) _____ for _____ (Name of the Contract) _____.

IN FAITH WHEREOF, I hereby affix my signature this _____ day of _____, 20____ at _____ Philippines

AFFIANT

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)

Until _____
PTR No. _____
Date _____
Place _____
TIN _____

Document No. _____
Page No. _____
Book No. _____
Series of _____

**Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental**

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

8. BID SECURITY IN ANY OF THE FOLLOWING FORMS:

- | | |
|---|--|
| a) Cash or cashier's / Manager's Check issued by a Universal or Commercial Bank in favor of the City Treasurer of San Carlos City. | : Two percent (2%) of the ABC |
| 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. | : Two percent (2%) of the ABC |
| 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. | : Five percent (5%) of the ABC |
| d) Any combination of the foregoing | : Proportionate to share form with respect to total amount of security |
| e) Bid Securing Declaration | |

REPUBLIC OF THE PHILIPPINES
CITY OF SAN CARLOS, NEGROS OCCIDENTAL) S.S.
BID SECURING DECLARATION

Project Identification No. / Purchase Request (PR) No. : 18-24-05-0849

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

9. OMNIBUS SWORN STATEMENT IN ACCORDANCE WITH SECTION 25.3

for
Purchase Request (PR) No. 18-24-05-0849
REPUBLIC OF THE PHILIPPINES)
CITY OF SAN CARLOS, NEGROS OCCIDENTAL) S.S
AFFIDAVIT

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

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

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

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

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

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

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

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

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy 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:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

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

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

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

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

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

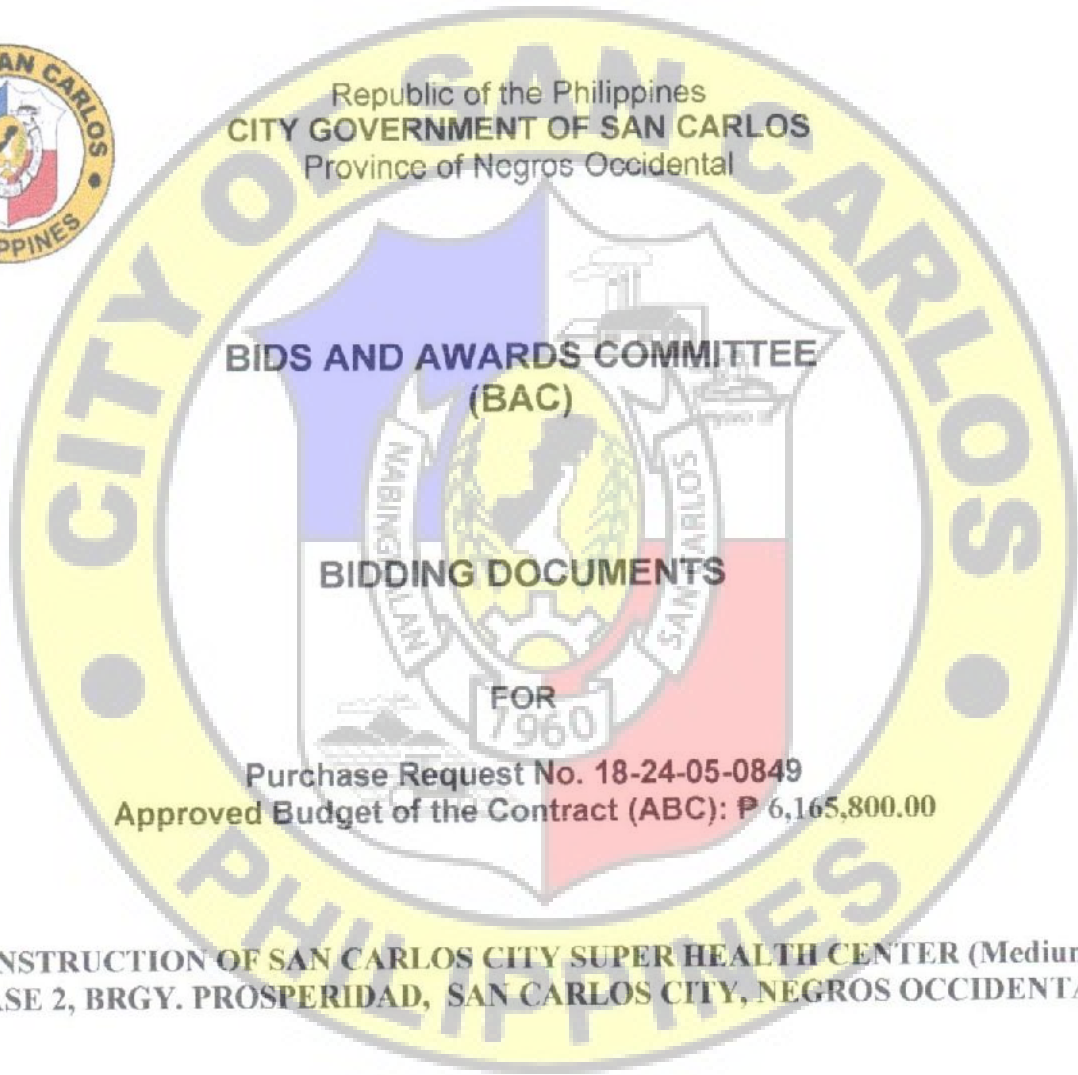
Affiant

[Jurat]

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



Republic of the Philippines
CITY GOVERNMENT OF SAN CARLOS
Province of Negros Occidental



**CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium)
PHASE 2, BRGY. PROSPERIDAD, SAN CARLOS CITY, NEGROS OCCIDENTAL**

With Terms of Reference (TOR) and Project Plan

(Second Envelope: Financial Component)

SUBMITTED BY : _____
ADDRESS : _____
CONTACT NO. : _____
EMAIL AD : _____

DATE OF SUBMISSION

INSTRUCTIONS TO BIDDERS

1. Please submit sets of documents completely in two separate envelopes:
The First Envelope (Original, Copy 1 and Copy 2) containing Eligibility & Technical Documents
The Second Envelope (Original, Copy 1 and Copy 2) containing Financial Documents.
2. Check that all annexes are in accordance with the prescribed format and submit it in chronological order
3. Submit your completed bid documents on or before the time of the opening of bids mentioned below.
4. Electronic submission and receipt of bids is not available pending compliance with GPPB Resolutions.

Compliance of the above is for mutual advantage, i.e. to facilitate a complete and thorough evaluation of your bid documents.

SCHEDULES

Schedule/Place of Pre-bid Conference

May 30, 2024 @ 8:30 AM
BAC Secretarial Office
2F City Hall Building

Schedule/Place of Bid Opening

June 11, 2024 @1:30 PM
BAC Secretarial Office
2F City Hall Building

Nonrefundable fee of Bidding Documents @ Php 10,000.00

**Bid and Awards Committee
City of San Carlos**

Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF FINANCIAL PROPOSALS/REQUIREMENTS

1. Duly Signed Form of Bid
2. Duly Signed Bid Price in the Bill of Quantities
3. Duly Signed Detailed Estimates
4. Duly Signed Cash flow by quarter and payment schedule

**Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental**

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

1. DULY SIGNED BID FORM

Date : _____

Project Identification / Purchase Request No. : 18-24-05-0849

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

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the *[Name of Project]* of the *[Name of the Procuring Entity]*.
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

**Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental**

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

2. DULY SIGNED BID PRICE IN THE BILL OF QUANTITIES					
(Columns (1), (2) and (3) are to be filled up by the Procuring Entity)			(Columns (4) and (5) are to be filled up by the Bidder)		
	DESCRIPTION	UNIT	QTY	UNIT PRICE (PESOS)	AMOUNT (PESOS)
(1)	(2)	(3)	(4)	(5)	(5)
I	Structural Works	Sq.m.	455.2	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
II	Masonry Works	Sq.m.	455.2	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
III	Ceiling and Partition	Sq.m	560.85	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
IV	Finishes	Sq.m	455.2	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
V	Plumbing Works	Lot	1.0	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
VI	Electrical Works	Lot	1.0	In words: Pesos _____	In words: Pesos _____
				In figures: PHP _____	In figures: PHP _____
TOTAL BID COST					In words: Pesos _____
					In figures: PHP _____

Submitted by:

Name of the Representative of the Bidder

Position

Name of the Bidder Company

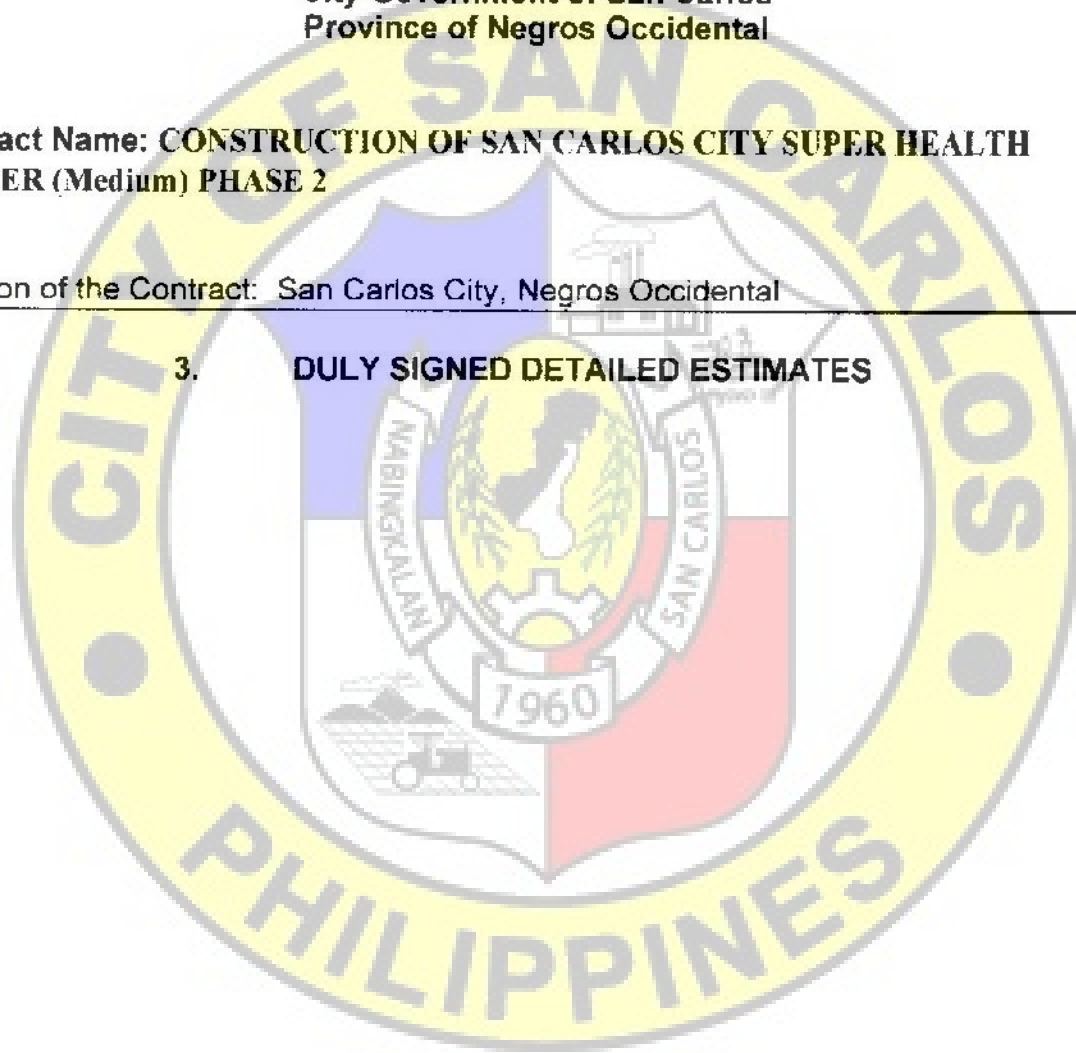
Date: _____

Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

3. **DULY SIGNED DETAILED ESTIMATES**

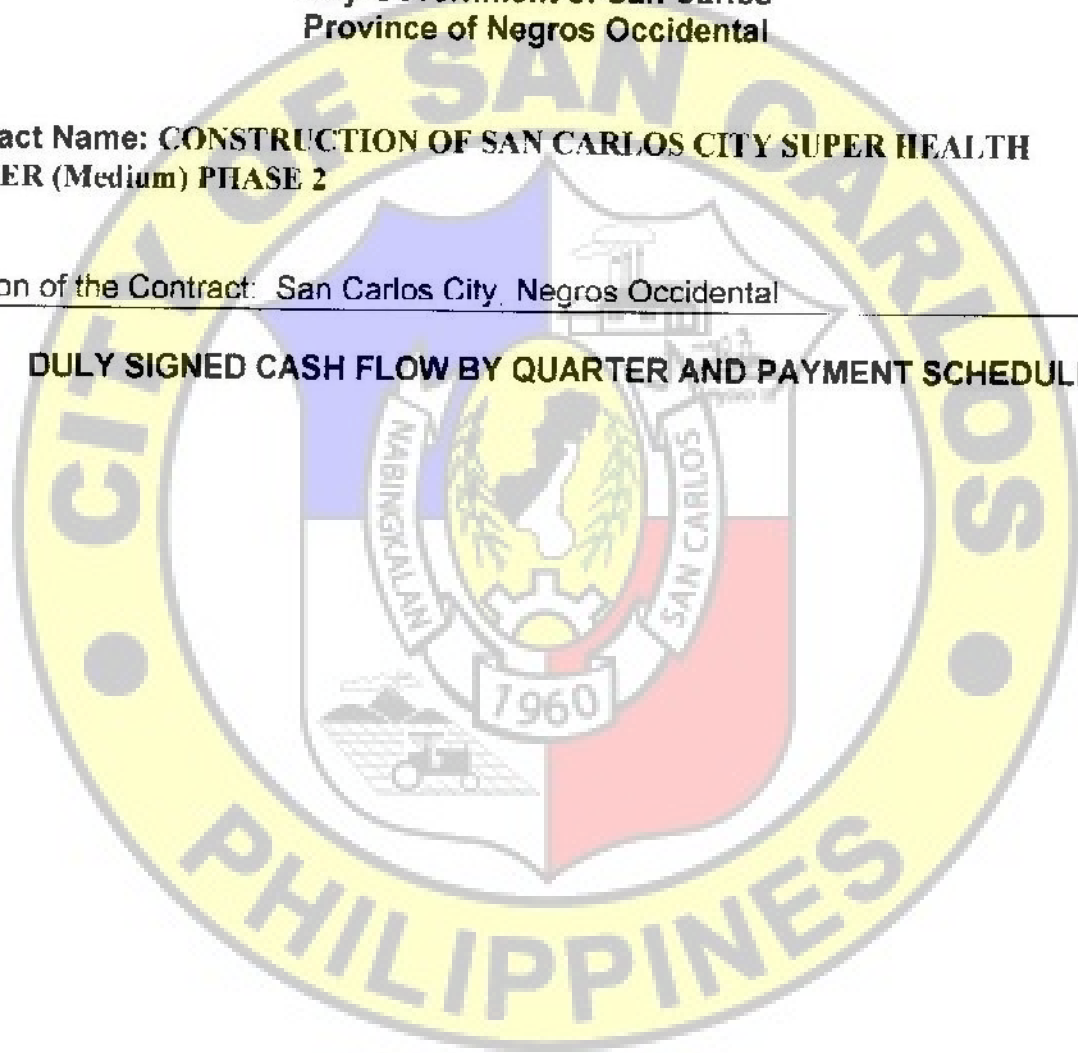


**Republic of the Philippines
City Government of San Carlos
Province of Negros Occidental**

Contract Name: CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium) PHASE 2

Location of the Contract: San Carlos City, Negros Occidental

4. DULY SIGNED CASH FLOW BY QUARTER AND PAYMENT SCHEDULE



APPROVAL PAGE

CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium)

PHASE 2

(P 6,165,800.00)

TERMS OF REFERENCE

City of San Carlos
Province of Negros Occidental

Prepared by:

John Lear C. Virtucio

Engineer I

Reviewed by:

Rexter L. Namonzo

Engineer IV / OIC - CED

Approved by:

Renato Y. Gustilo

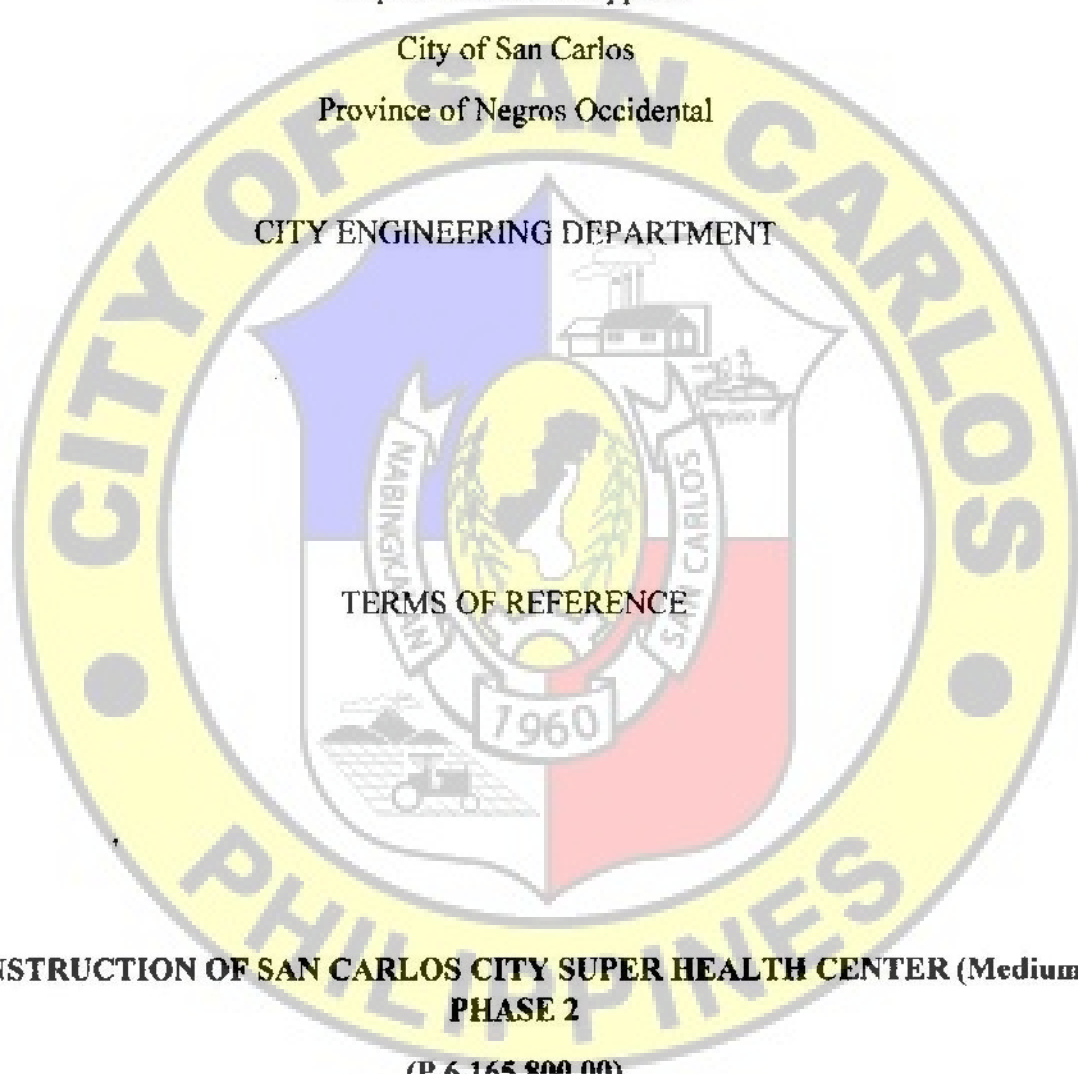
City Mayor

Republic of the Philippines

City of San Carlos

Province of Negros Occidental

CITY ENGINEERING DEPARTMENT



TERMS OF REFERENCE

**CONSTRUCTION OF SAN CARLOS CITY SUPER HEALTH CENTER (Medium)
PHASE 2**

(P 6,165,800.00)

[Handwritten signature]

[Handwritten signature]

TABLE OF CONTENTS

A. Background	4
B. General Objective	4
C. The Bidder/Contractor	4
D. The Requirements	4
E. Delivery/Completion	9
F. Manpower Requirement	9
G. Warranty	9
H. Payment Scheme	9



A. Background

The City Government through the City Engineering Department construct hospitals and health care centers that provide affordable, accessible, high-quality health care services to individuals and families.

B. General Objectives

The objective of the construction of the Super Health Center is to promote community health services that focuses on health promotion, and disease prevention and management, which are designed to improve the health and well-being of local residents, as well as take pressure off the acute care health system.

C. The Bidder

The bidder should have an experience in the construction of at least a One - Storey Building

D. The Requirements

1. Scope of Works

General Conditions

- The project is a construction of a Single Storey, Super Health Center Phase 2
- All plans and specifications shall be provided by the end-user.
- The work to be executed in this project shall include

A. Structural Works

- a. Concrete Flooring [Slab on Fill] with Polyethylene Sheet,
- b. Interior wall footing

B. Masonry Works

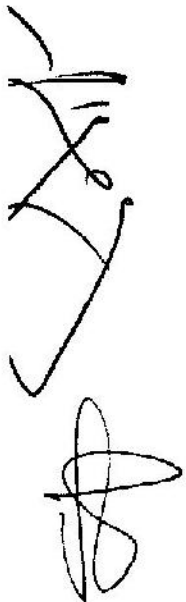
- a. 6" CHB for exterior walls, as specified in the plans with plaster finish
- b. 4" for interior walls, as specified in the plans with plaster finish

C. Ceiling and Partition

- a. Ceiling Framing excluding ceiling board

D. Finishes

- a. Railings (Stainless Steel)
- b. Fixed Work, Counters and Cabinets
- c. Trellis



d. Toilet Floor and Wall tiles

E. Plumbing Works

- a. Sewer Line
- b. Water Line System
- c. Storm Drainage System / Catch Basin / Downspout
- d. Septic Tank

F. Electrical Works

- a. Electrical Panel Boards
- b. Wires and Cables

- All workmanship and materials used in the project shall be of quality standard and in accordance with the technical specifications, plans, and other requirements
- All workmanship, materials and fixtures shall be subjected for inspection by the Engineer /Project in charged that may check and ask for samples of materials to be used for the said project
- Construction safety and health protocols should be observed at all times by the contractor during the duration of the project.
- Clean up of the construction site after the project shall be the responsibility of the contractor.

Material Specifications

Structural Works

a. Structural Concrete (SOF)

- Gravel, G3/4
- Sand
- Portland Cement, 40kg
- Polyethylene Sheet

b. Structural Concrete (wall footing)

- Portland Cement, 40kg

c. Reinforcing Steel

- Deformed Reinforcing Steel, 10mmØ G40 x 6M
- Consumables

Masonry Works

a. 6" Poured Concrete Wall

- Gravel, G3/4
- Sand
- Portland Cement, 40kg
- Deformed Reinforcing Steel, 12mmØ G40
- #16 Galvanized Iron Wire
- Ordinary Plywood 1/2"
- Good Lumber
- Common Wire Nails
- Consumables

b. 6" CHB Walls

- Ordinary Concrete Hollow Blocks 4"
- Sand
- Portland Cement, 40 kg
- Deformed Reinforcing Steel, 12mmØ G40
- #16 Galvanized Iron Wire
- Consumables

c. 4" CHB Walls

- Ordinary Concrete Hollow Blocks 4"
- Sand
- Portland Cement, 40 kg
- Deformed Reinforcing Steel, 12mmØ G40
- #16 Galvanized Iron Wire
- Consumables

d. Plaster Finish

- Portland Cement, 40 kg
- Sand

Ceiling and Partition

- 0.40mm x 25mm x 25mm x 3.0m Wall angle
- 0.40mm x 19mm x 50mm x 19mm x 5.0m
- 0.80mm x 12mm x 38mm x 12mm x 5.0m
- W-Clip (Double)
- Blind Rivets 5/32x1/2"
- Concrete Nails 1"
- Drill Bit 3/16"
- # 16 G.I. Tie Wire
- Partition
- Consumable

Finishes

a. Railings

Stainless Steel, 38mm dia
Stainless Steel, 25mm dia
Stainless Steel, #304

b. Fixed Work Counters and Cabinetss

2"x2" Bracing Studs
3/4" Marine Plywood
3/4" Slab Granite,
Cabinet Accessories (Handles, Hinges, Rollers)
Wood Stain
Ceramic Tile
Consumables

c. Trellis

2"x2" Bracing Studs
3/4" Marine Plywood
3/4" Slab Granite,
Cabinet Accessories (Handles, Hinges, Rollers)
Wood Stain
Ceramic Tile
Consumables

d.

Toilet Floor and Wall Tiles
0.60m x 0.60m Unglazed Ceramic Tile
0.30m x 0.60m Ceramic Wall Tiles
Tile Grout, 5kg
Tile Adhesive, 20kg
Portland Cement
Washed Sand
4" Diamond Cutting Wheel
Cementious Water proofing

Plumbing Works

a. Sewer Line

uPVC s1000, 100mm dia
uPVC s600, 100mm dia
Clean out
Fittings
Consumables

b. Water Line System

HDPE PN16 CWL, 40mm dia
HDPE PN16 CWL, 32mm dia
Fittings
Gata Valve
Check Valve

c. Storm Drainage System/ Catch Basin/ Downspout

Portland Cement, 40kg
Sand
Reinforced Concrete Pipe, 300mm
Sand Bedding
uPVC s1000, 100mm dia

Catch Basin

RMC3000psi, G1
Deformed Reinforcing Steel, 12mmØ G40

d. Septic Tank

Septic Vault

Electrical Works

a. Electrical Panel Boards, Rough-ins, Wires

Panel Board (MTS)

MTS 3phase, w/ sliding Bus bar
225AT circuit breaker 3phase

Panel Board (MDP)

Panel board 6 slots bolt on NEMA 1, 3P
30AT CB, B-ON, 3P
80AT CB, B-ON, 3P
60AT CB, B-ON, 3P
125AT CT, B-ON, 3P
225AT CT, B-ON, 3P

Panel Board (PB1)

Panel board 18 slots bolt on NEMA 1, 3P
20AT CB, B-ON, 2P
30AT CB, B-ON, 2P
80AT CT, B-ON, 3P

Panel Board (PB2)

Panel board 12 slots bolt on NEMA 1, 3P
20AT CB, B-ON, 2P
60AT CT, B-ON, 3P

Panel Board (PB3)

Panel board 12 slots bolt on NEMA 1, 3P
20AT CB, B-ON, 2P
30AT CB, B-ON, 2P
50AT CT, B-ON, 2P
125AT CT, B-ON, 3P

Wires and cables

125mm² THHN Copper Wire
38mm² THHN Copper Wire
22mm² THHN Copper Wire
14mm² THHN Copper Wire
8.0mm² THHN Copper Wire
3.5mm² THHN Copper Wire
2.0mm² THHN Copper Wire
5/8" x 10 ft Ground Rod w/ Connector

E. Delivery / Completion

Delivery/completion shall be within 150 working days.

F. Man Power Requirement

Manpower for the project shall be at least of the following:

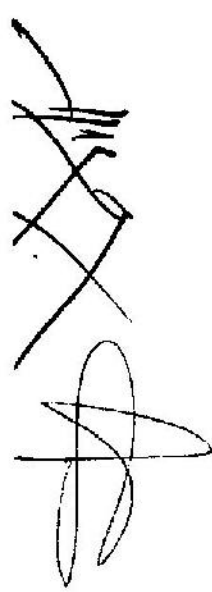
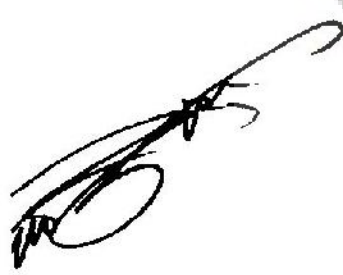
- a. One Civil Engineer
- b. Skilled Laborers
- c. Manual Laborers

G. Warranty

Warranty shall be for a period of one year from the turn-over of the completed project.

H. Payment Scheme

The city has allocated a budget of Six Million, One Hundred Sixty Five thousand, Eight Hundred Pesos (6,165,800.00 Php) for the project. The winning bidder shall be paid in accordance with R.A. 9184 and other relevant laws.



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

A. PERSPECTIVE



B. VICINITY MAP



C. LOCATION MAP



D. SITE DEVELOPMENT PLAN



TABLE OF CONTENTS

| NO. | DESCRIPTION | PAGES |
|-----|-------------------------|-------|
| 1 | COVER | 1 |
| 2 | TABLE OF CONTENTS | 2 |
| 3 | GENERAL NOTES | 3 |
| 4 | PLANS | 4 |
| 5 | SECTION | 5 |
| 6 | DETAILS | 6 |
| 7 | CONTRACT | 7 |
| 8 | PROVISIONS | 8 |
| 9 | APPENDICES | 9 |
| 10 | INDEX | 10 |
| 11 | EXHIBITS | 11 |
| 12 | REFERENCES | 12 |
| 13 | ACKNOWLEDGEMENTS | 13 |
| 14 | CERTIFICATE OF APPROVAL | 14 |
| 15 | CONTRACT AGREEMENT | 15 |
| 16 | PROVISIONS | 16 |
| 17 | APPENDICES | 17 |
| 18 | INDEX | 18 |
| 19 | EXHIBITS | 19 |
| 20 | REFERENCES | 20 |
| 21 | ACKNOWLEDGEMENTS | 21 |
| 22 | CERTIFICATE OF APPROVAL | 22 |
| 23 | CONTRACT AGREEMENT | 23 |
| 24 | PROVISIONS | 24 |
| 25 | APPENDICES | 25 |
| 26 | INDEX | 26 |
| 27 | EXHIBITS | 27 |
| 28 | REFERENCES | 28 |
| 29 | ACKNOWLEDGEMENTS | 29 |
| 30 | CERTIFICATE OF APPROVAL | 30 |
| 31 | CONTRACT AGREEMENT | 31 |
| 32 | PROVISIONS | 32 |
| 33 | APPENDICES | 33 |
| 34 | INDEX | 34 |
| 35 | EXHIBITS | 35 |
| 36 | REFERENCES | 36 |
| 37 | ACKNOWLEDGEMENTS | 37 |
| 38 | CERTIFICATE OF APPROVAL | 38 |
| 39 | CONTRACT AGREEMENT | 39 |
| 40 | PROVISIONS | 40 |
| 41 | APPENDICES | 41 |
| 42 | INDEX | 42 |
| 43 | EXHIBITS | 43 |
| 44 | REFERENCES | 44 |
| 45 | ACKNOWLEDGEMENTS | 45 |
| 46 | CERTIFICATE OF APPROVAL | 46 |
| 47 | CONTRACT AGREEMENT | 47 |
| 48 | PROVISIONS | 48 |
| 49 | APPENDICES | 49 |
| 50 | INDEX | 50 |
| 51 | EXHIBITS | 51 |
| 52 | REFERENCES | 52 |
| 53 | ACKNOWLEDGEMENTS | 53 |
| 54 | CERTIFICATE OF APPROVAL | 54 |
| 55 | CONTRACT AGREEMENT | 55 |
| 56 | PROVISIONS | 56 |
| 57 | APPENDICES | 57 |
| 58 | INDEX | 58 |
| 59 | EXHIBITS | 59 |
| 60 | REFERENCES | 60 |
| 61 | ACKNOWLEDGEMENTS | 61 |
| 62 | CERTIFICATE OF APPROVAL | 62 |
| 63 | CONTRACT AGREEMENT | 63 |
| 64 | PROVISIONS | 64 |
| 65 | APPENDICES | 65 |
| 66 | INDEX | 66 |
| 67 | EXHIBITS | 67 |
| 68 | REFERENCES | 68 |
| 69 | ACKNOWLEDGEMENTS | 69 |
| 70 | CERTIFICATE OF APPROVAL | 70 |
| 71 | CONTRACT AGREEMENT | 71 |
| 72 | PROVISIONS | 72 |
| 73 | APPENDICES | 73 |
| 74 | INDEX | 74 |
| 75 | EXHIBITS | 75 |
| 76 | REFERENCES | 76 |
| 77 | ACKNOWLEDGEMENTS | 77 |
| 78 | CERTIFICATE OF APPROVAL | 78 |
| 79 | CONTRACT AGREEMENT | 79 |
| 80 | PROVISIONS | 80 |
| 81 | APPENDICES | 81 |
| 82 | INDEX | 82 |
| 83 | EXHIBITS | 83 |
| 84 | REFERENCES | 84 |
| 85 | ACKNOWLEDGEMENTS | 85 |
| 86 | CERTIFICATE OF APPROVAL | 86 |
| 87 | CONTRACT AGREEMENT | 87 |
| 88 | PROVISIONS | 88 |
| 89 | APPENDICES | 89 |
| 90 | INDEX | 90 |
| 91 | EXHIBITS | 91 |
| 92 | REFERENCES | 92 |
| 93 | ACKNOWLEDGEMENTS | 93 |
| 94 | CERTIFICATE OF APPROVAL | 94 |
| 95 | CONTRACT AGREEMENT | 95 |
| 96 | PROVISIONS | 96 |
| 97 | APPENDICES | 97 |
| 98 | INDEX | 98 |
| 99 | EXHIBITS | 99 |
| 100 | REFERENCES | 100 |

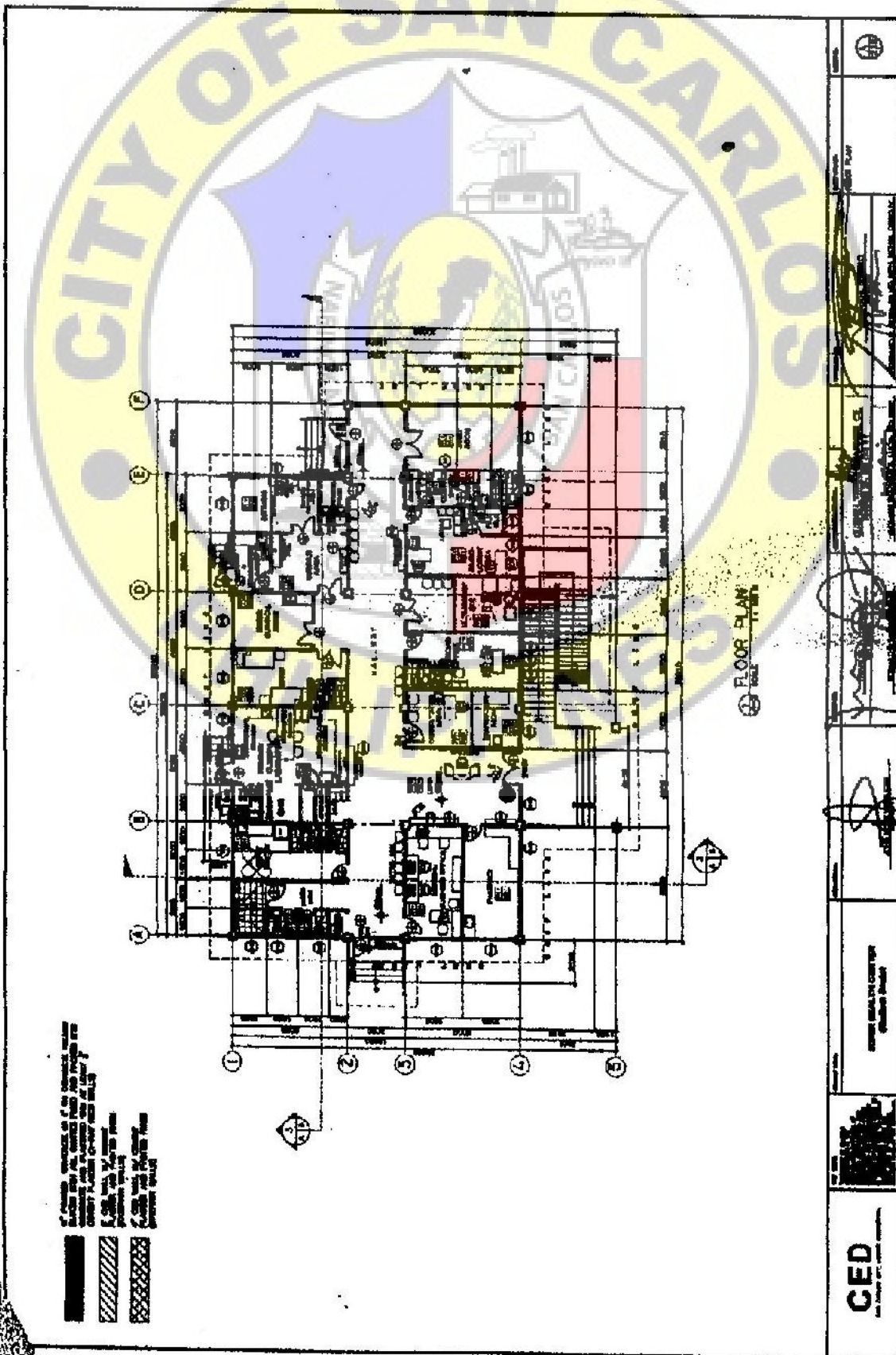
CED
CONSTRUCTION ENGINEERING DESIGN

REGISTERED PROFESSIONAL ENGINEER
IN THE PROVINCE OF QUEZON

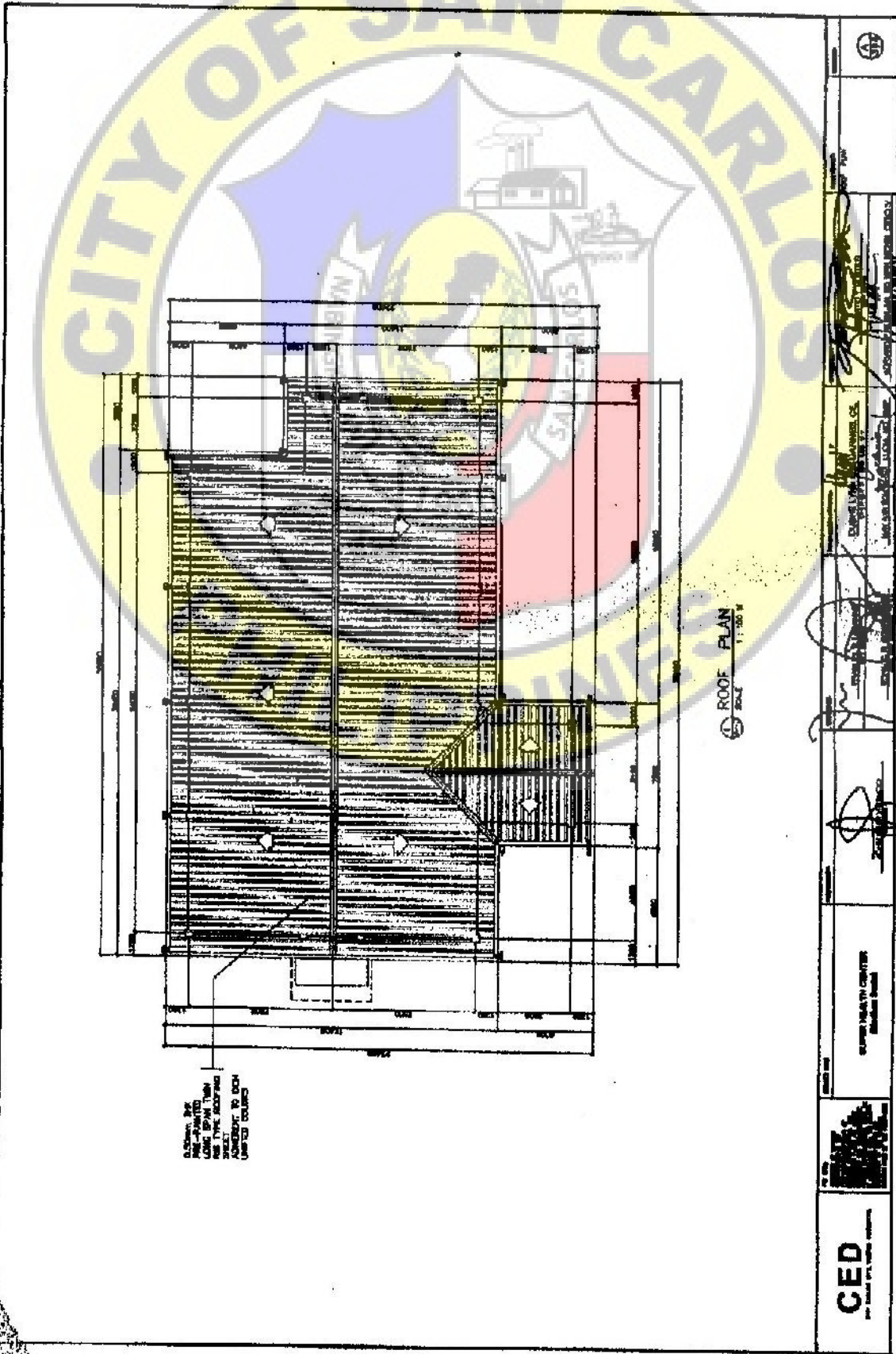
[Signature]

APPROVED FOR THE
LOCAL GOVERNMENT

[Signature]



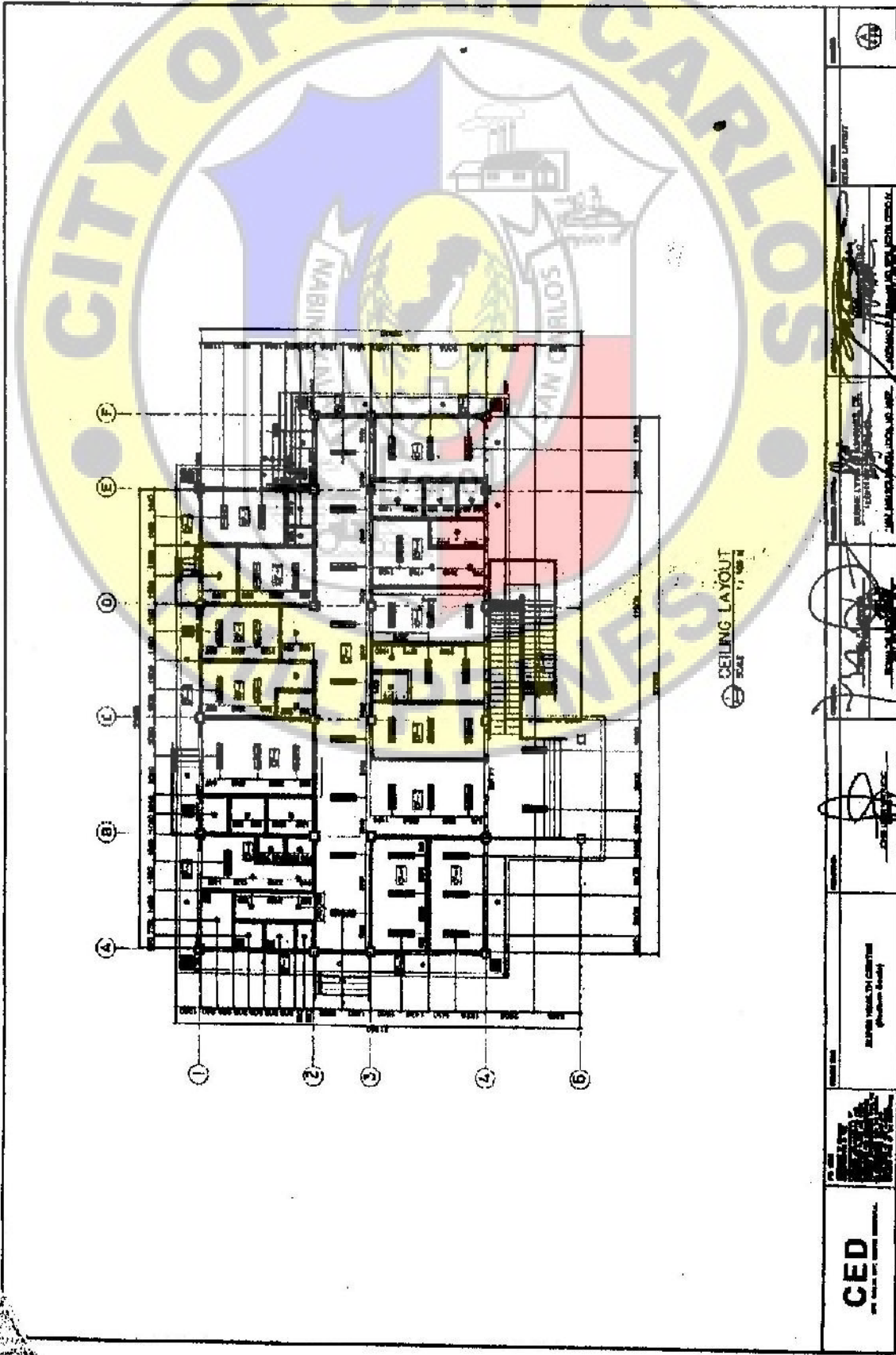
C 1

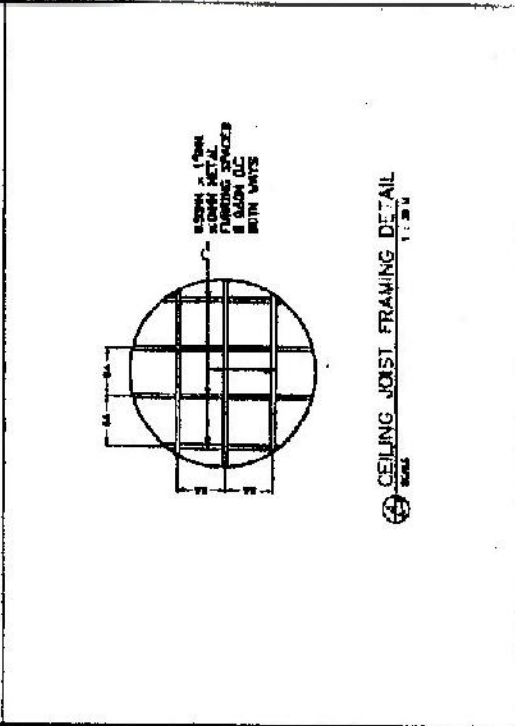
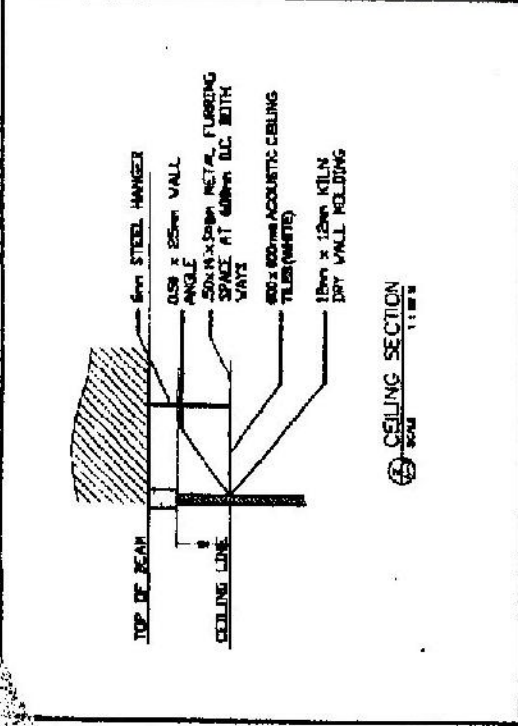
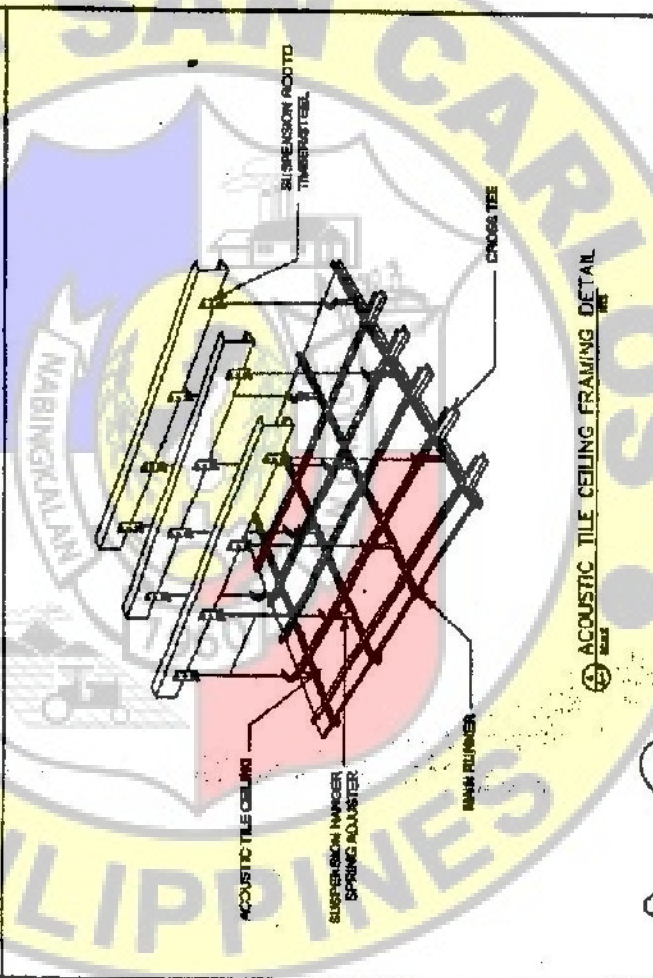
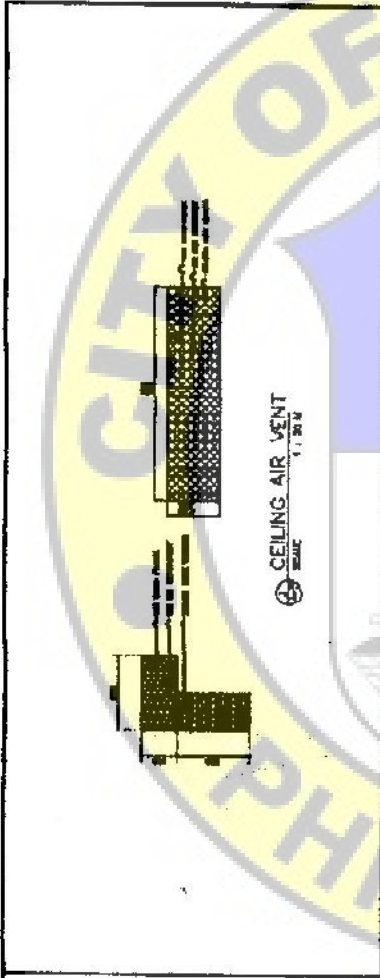


0. SHOWS THE
 NON-FINISHED
 CEILING FROM THE
 ROOF TYPE INSULATION
 AND AGEMENT TO EACH
 UNIT'S COLUMN

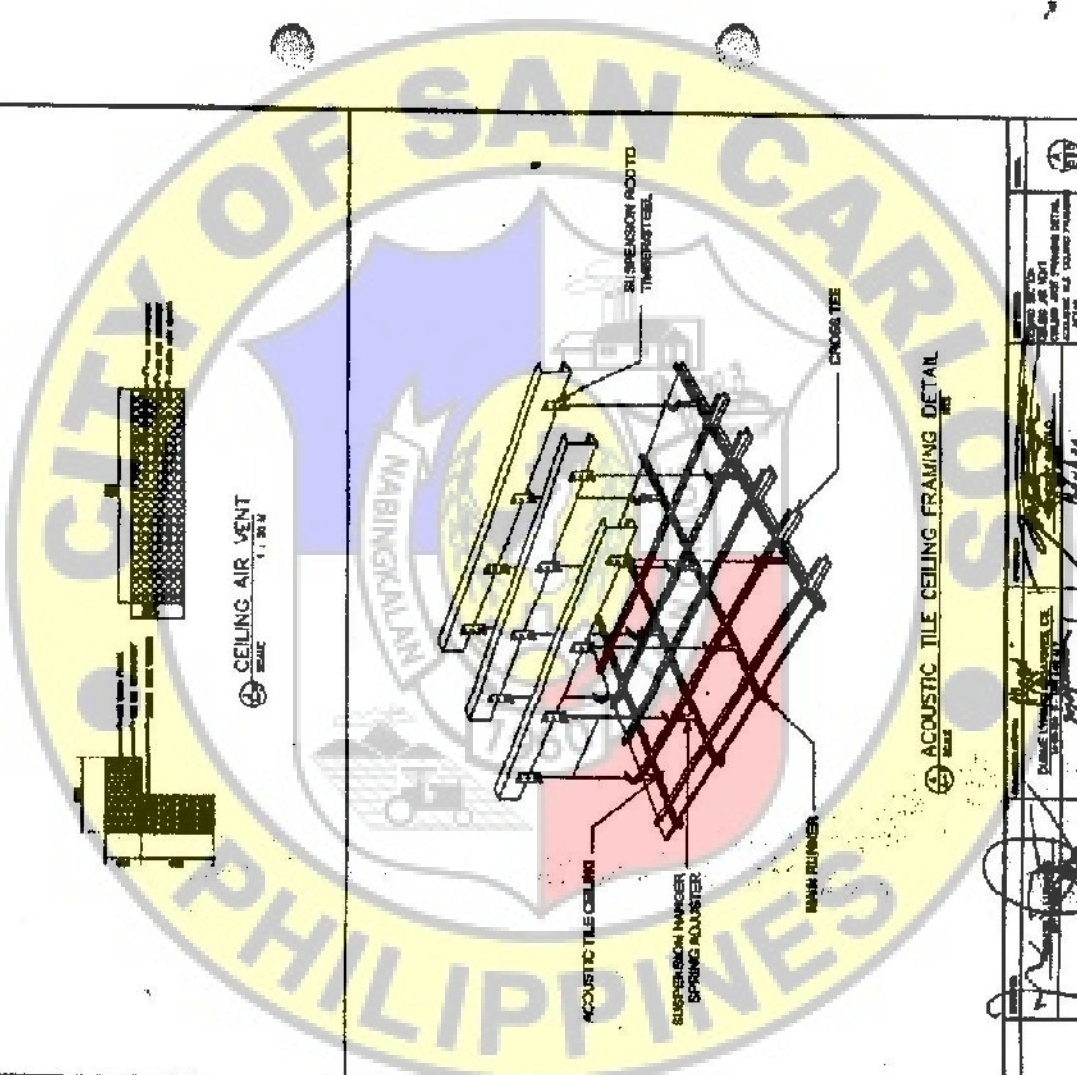
ROOF PLAN
 SCALE 1:300

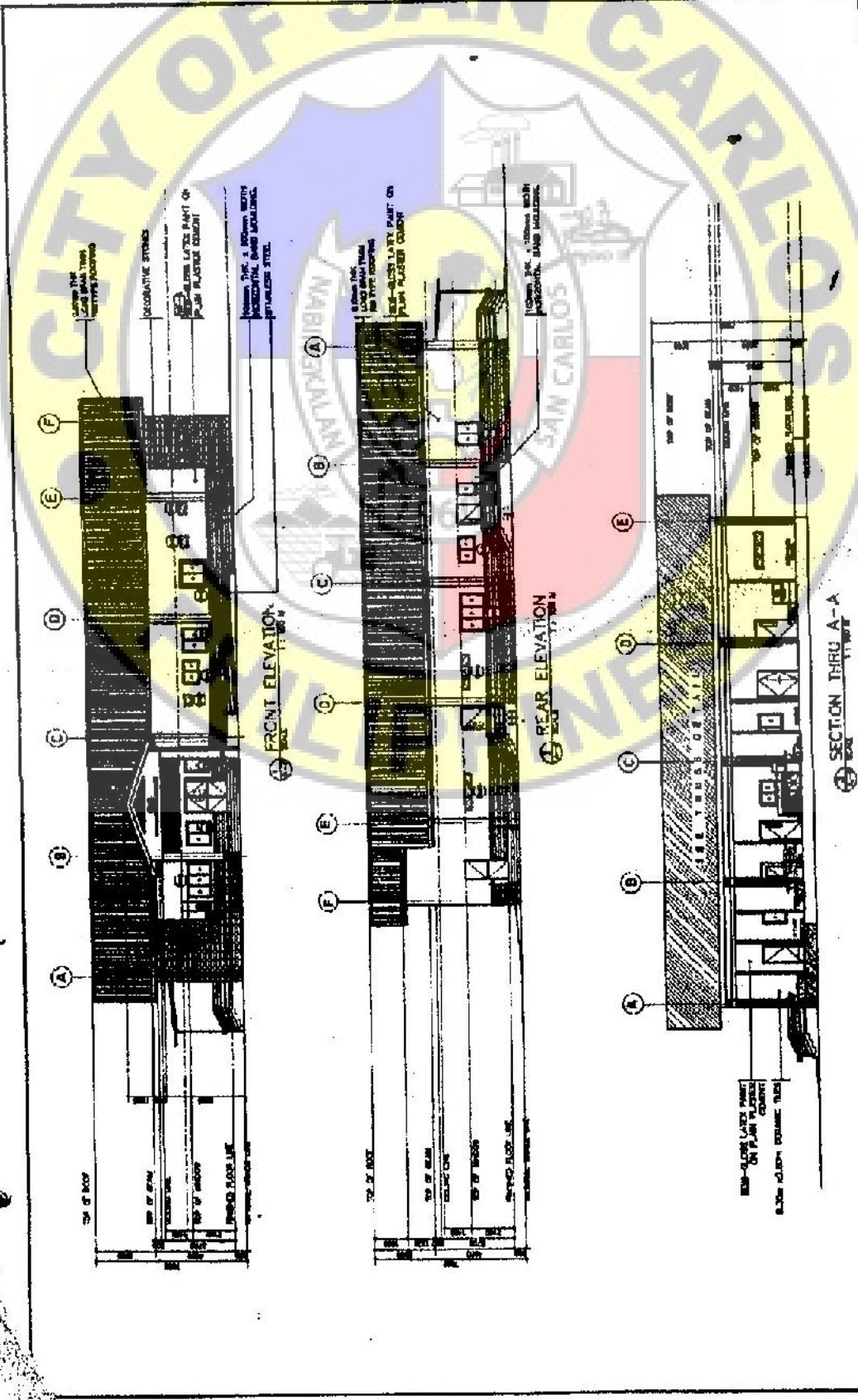
| | | | | | | | | | | | |
|--|-----------------------------|---------------------------|-----------------|-----------------------|-------------------------|--------------------------|----------------------|----------------|-------------------|--|--|
| | PROJECT NO. 100-100-100-100 | SHEET NO. 100-100-100-100 | DATE 10/10/2010 | DRAWN BY: [Signature] | CHECKED BY: [Signature] | APPROVED BY: [Signature] | PROJECT NAME: [Text] | CLIENT: [Text] | ARCHITECT: [Text] | | CED
CONSULTING ENGINEERS DESIGNERS |
|--|-----------------------------|---------------------------|-----------------|-----------------------|-------------------------|--------------------------|----------------------|----------------|-------------------|--|--|





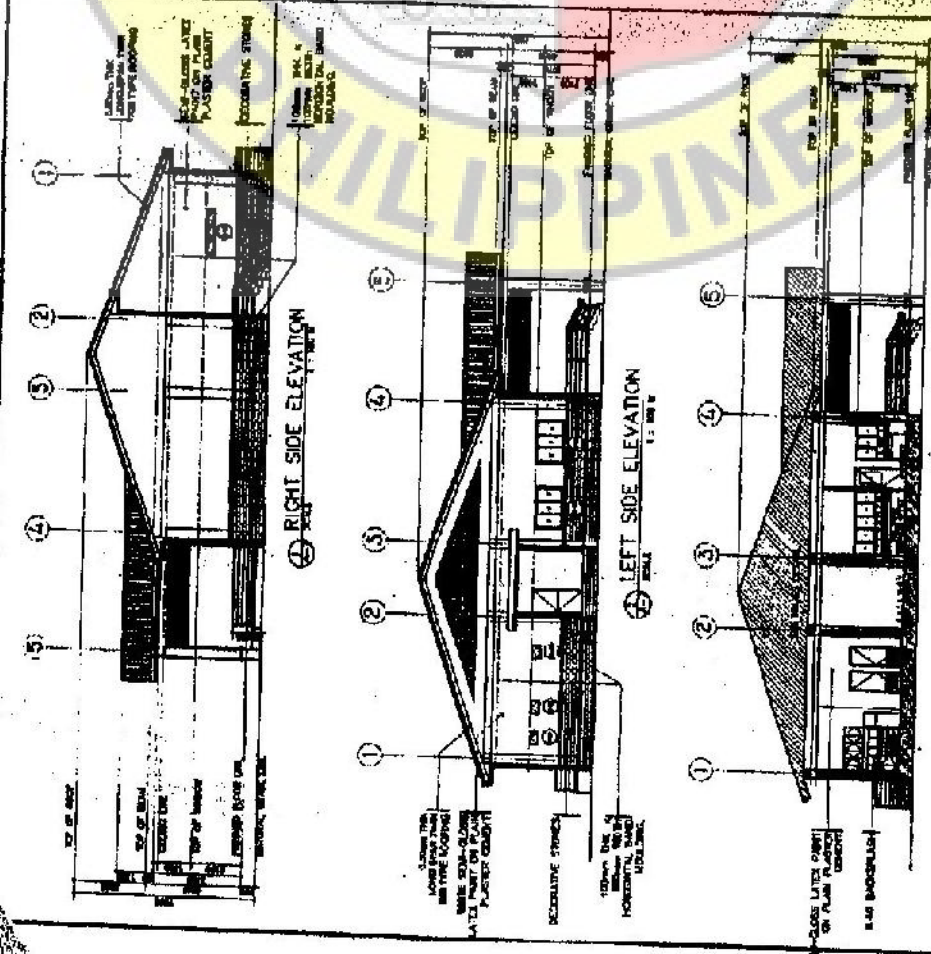
| | | | | | | |
|---|---|--|---|---|--------------------------------------|--|
| <p>CED
CONSTRUCTION ENGINEERING DESIGN</p> | <p>PROJECT NO. 100-100-100-100</p> | <p>DATE 10/10/2010</p> | <p>SCALE AS SHOWN</p> | <p>PROJECT 100-100-100-100</p> | <p>NO. OF SHEETS 10</p> | <p>SHEET NO. 10</p> |
| | <p>DESIGNED BY 100-100-100-100</p> | <p>CHECKED BY 100-100-100-100</p> | <p>APPROVED BY 100-100-100-100</p> | <p>PROJECT MANAGER 100-100-100-100</p> | <p>CLIENT 100-100-100-100</p> | <p>LOCATION 100-100-100-100</p> |





| | | | | | | |
|--|--|--|--|---------------------------------|------------------------|------------------------------------|
| | | <p>PROJECT NO. 123456789</p> <p>DATE: 10/20/2023</p> | <p>DESIGNED BY: [Signature]</p> <p>CHECKED BY: [Signature]</p> | <p>APPROVED BY: [Signature]</p> | <p>SCALE: AS SHOWN</p> | <p>PROJECT LOCATION: [Address]</p> |
|--|--|--|--|---------------------------------|------------------------|------------------------------------|

CED



| SCHEDULE OF FINI | | | | | | | | | | | |
|------------------|-------------|---------|-----|------------|--------|-----|-------------|---------|-----|------------|--------|
| NO. | DESCRIPTION | UNIT | QTY | UNIT PRICE | TOTAL | NO. | DESCRIPTION | UNIT | QTY | UNIT PRICE | TOTAL |
| 1 | INTERIO | | | | | 1 | INTERIO | | | | |
| 1 | CEILING | PLASTER | 100 | 1.50 | 150.00 | 1 | CEILING | PLASTER | 100 | 1.50 | 150.00 |
| 2 | WALL | PLASTER | 200 | 1.50 | 300.00 | 2 | WALL | PLASTER | 200 | 1.50 | 300.00 |
| 3 | FLOOR | PLASTER | 100 | 1.50 | 150.00 | 3 | FLOOR | PLASTER | 100 | 1.50 | 150.00 |
| 4 | DOOR | WOOD | 1 | 100.00 | 100.00 | 4 | DOOR | WOOD | 1 | 100.00 | 100.00 |
| 5 | WINDOW | WOOD | 2 | 50.00 | 100.00 | 5 | WINDOW | WOOD | 2 | 50.00 | 100.00 |
| 6 | PAINT | INTERIO | 100 | 1.00 | 100.00 | 6 | PAINT | INTERIO | 100 | 1.00 | 100.00 |
| 7 | ROOF | PLASTER | 100 | 1.50 | 150.00 | 7 | ROOF | PLASTER | 100 | 1.50 | 150.00 |
| 8 | EXTERIO | | | | | 8 | EXTERIO | | | | |
| 9 | CEILING | PLASTER | 100 | 1.50 | 150.00 | 9 | CEILING | PLASTER | 100 | 1.50 | 150.00 |
| 10 | WALL | PLASTER | 200 | 1.50 | 300.00 | 10 | WALL | PLASTER | 200 | 1.50 | 300.00 |
| 11 | FLOOR | PLASTER | 100 | 1.50 | 150.00 | 11 | FLOOR | PLASTER | 100 | 1.50 | 150.00 |
| 12 | DOOR | WOOD | 1 | 100.00 | 100.00 | 12 | DOOR | WOOD | 1 | 100.00 | 100.00 |
| 13 | WINDOW | WOOD | 2 | 50.00 | 100.00 | 13 | WINDOW | WOOD | 2 | 50.00 | 100.00 |
| 14 | PAINT | EXTERIO | 100 | 1.00 | 100.00 | 14 | PAINT | EXTERIO | 100 | 1.00 | 100.00 |
| 15 | ROOF | PLASTER | 100 | 1.50 | 150.00 | 15 | ROOF | PLASTER | 100 | 1.50 | 150.00 |

CED

SECTION THRU B-B

1:100

DATE: 10/10/2023

PROJECT: [Handwritten]

SCALE: 1:100

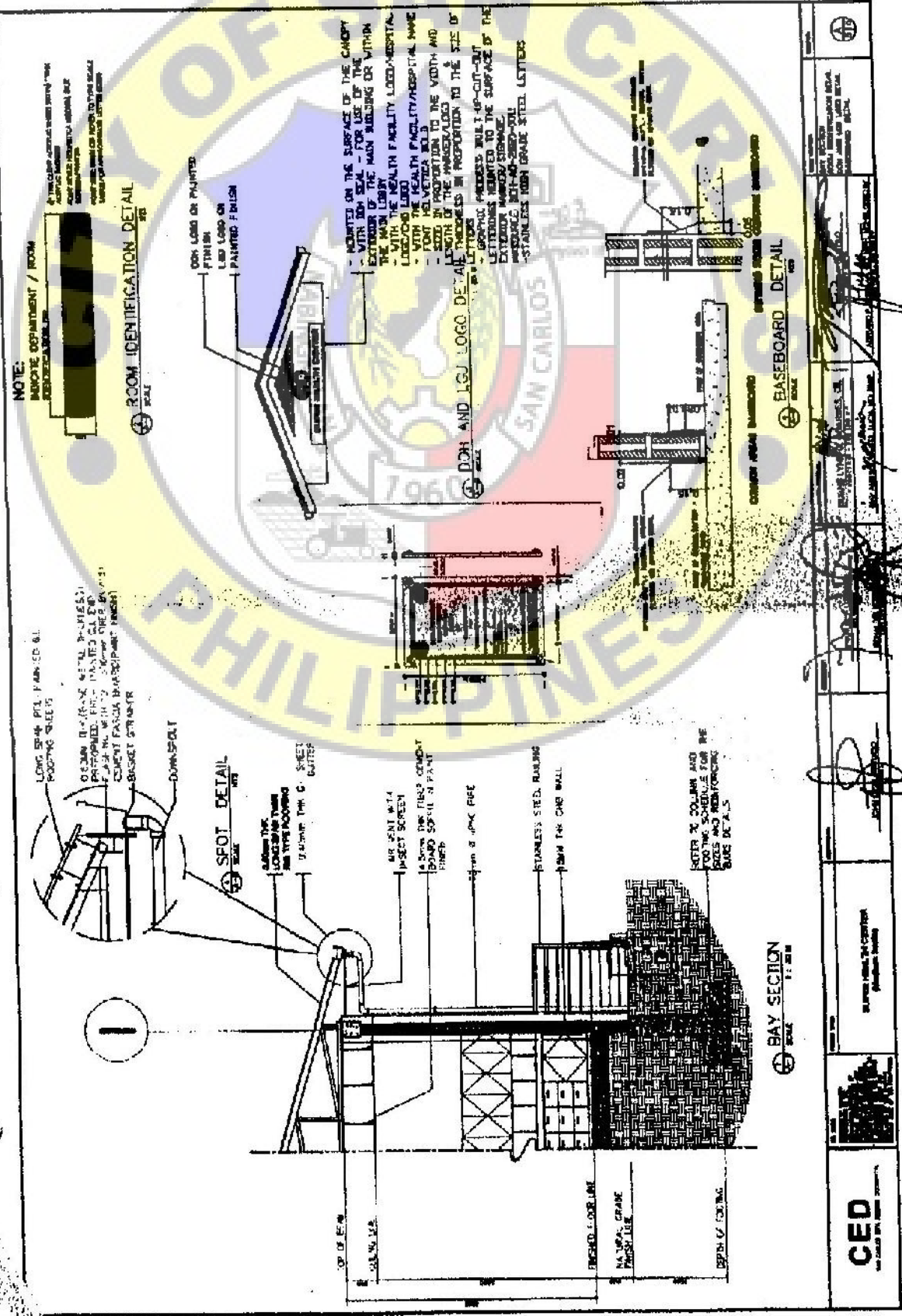
PROJECT NO: [Handwritten]

DATE: 10/10/2023

PROJECT: [Handwritten]

SCALE: 1:100

PROJECT NO: [Handwritten]



NOTE:
 INDICATE DEPARTMENT / ROOM
 NUMBER AS SHOWN IN THE
 ARCHITECTURAL DRAWING.

ROOM IDENTIFICATION DETAIL
 SCALE: 1:100

LONG GRADE PILES (PAVING IS
 PROPOSED). PILES MUST BE
 PREPARED. PILES MUST BE
 150MM DIA. WITH 10MM DIA.
 CURVED FLANGE (AS SHOWN).
 SUGGEST STRONGER

SPOT DETAIL
 SCALE: 1:100

CHECK THE
 CONNECTION WITH
 THE FLOORING

USE JOIST WITH
 INSECT SCREEN
 15mm DIA. (SEE PLAN)
 BOARD SPACING 100mm
 MIN

STAINLESS STEEL RAILING
 150mm DIA. (SEE PLAN)

NOTE: X COLUMN AND
 FOOTING SCHEDULE FOR THE
 BAYS AND REINFORCING
 BARS DETAILS


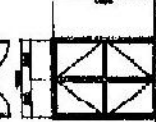
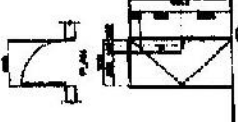
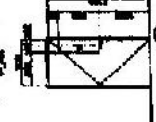
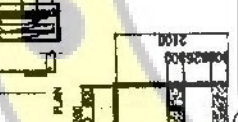
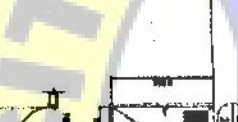
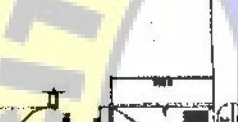

BAY SECTION
 SCALE: 1:100

DDH AND LGJ LOGO DETAIL
 SCALE: 1:100

BASEBOARD DETAIL
 SCALE: 1:100

| | | | | | |
|-----|------------------------|------|----|-------|--------|
| NO. | REVISIONS | DATE | BY | CHKD. | APP'D. |
| 1 | ISSUE FOR CONSTRUCTION | | | | |
| 2 | | | | | |
| 3 | | | | | |

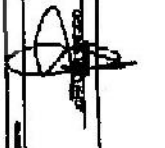
CED
 CIVIL ENGINEERING DIVISION
 DEPARTMENT OF HEALTH

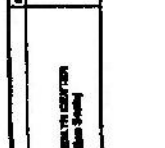
| NO. | DESCRIPTION | PLAN | SECTION | PLAN | SECTION | PLAN | SECTION | PLAN | SECTION | PLAN | SECTION | PLAN | SECTION | PLAN | SECTION |
|-----|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|------|---------|
| 01 | REMOVE EX. FLOOR FINISH |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 02 | REMOVE EX. PARTITION WALL |  |  |  |  |  |  |  |  |  |  | | | | |
| 03 | REMOVE EX. PARTITION WALL |  |  |  |  |  |  |  |  |  |  | | | | |

CED
CONSTRUCTION ENGINEERING DESIGN

SCHEDULE OF DOORS

| | | | |
|-----|-------------|----------------|-----------------------|
| NO. | DESCRIPTION | TYPE | MANUFACTURER |
| 01 | 1 1/2\" | PRE-FAB. ALUM. | ALUMINUM PRODUCTS CO. |
| 02 | 2 1/2\" | PRE-FAB. ALUM. | ALUMINUM PRODUCTS CO. |
| 03 | 3 1/2\" | PRE-FAB. ALUM. | ALUMINUM PRODUCTS CO. |
| 04 | 4 1/2\" | PRE-FAB. ALUM. | ALUMINUM PRODUCTS CO. |

DATE: 

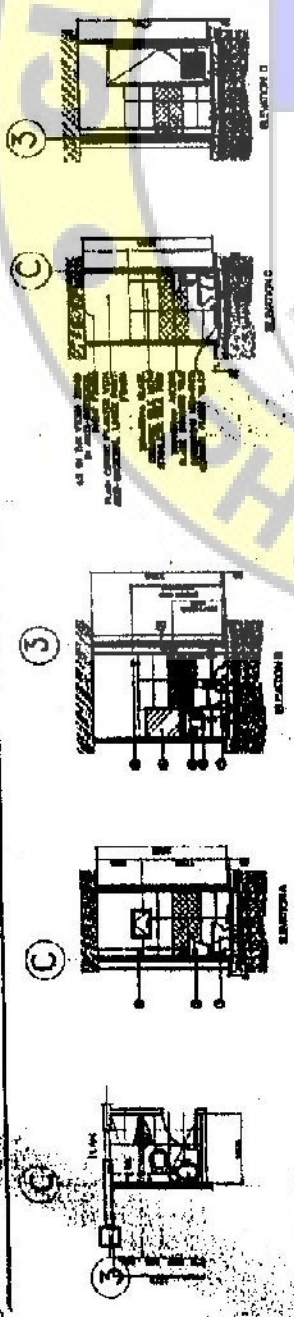
DRAWN BY: 

CHECKED BY: 

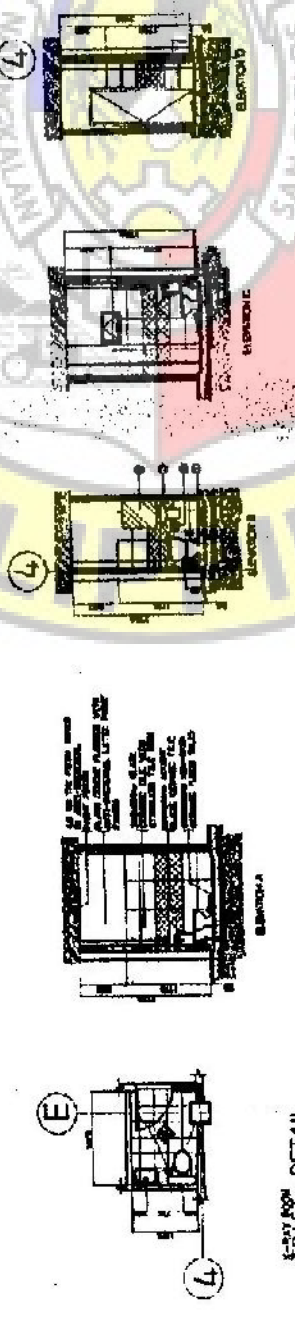
APPROVED BY: 

SCALE: AS SHOWN

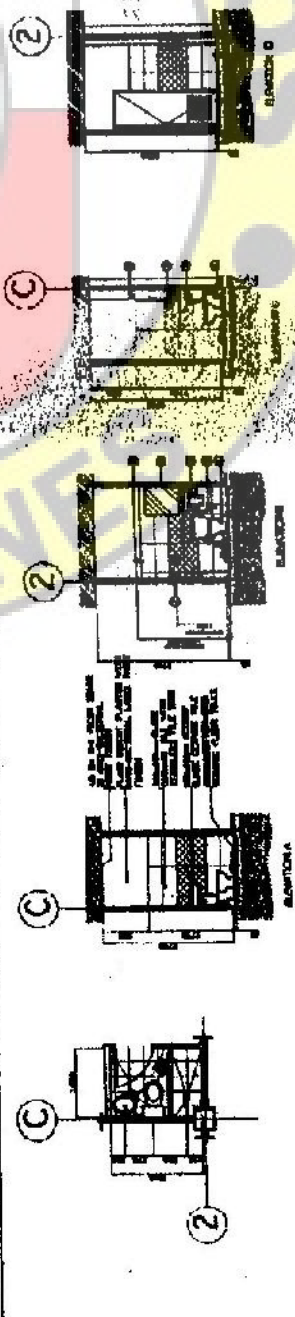
| TOILET LEGENDS: | |
|-----------------|--|
| 1 | TANK TYPE ELONGATED WITH DUAL FLUSH SOFT CLOSING BUTTON WATER CLOSET WITH STAINLESS BRIDET |
| 2 | URINAL |
| 3 | PEDESTAL TYPE LAVATORY |
| 4 | 0.60X0.70M MIRROR (FRAMELESS) |
| 5 | LEVER TYPE CHROME PLATED STEEL FAUCET |
| 6 | STAINLESS SHOWER SET W/ SHOWER FAUCET |
| 7 | CERAMIC SOAP HOLDER |
| 8 | CERAMIC TISSUE HOLDER |
| 9 | # 304 STAINLESS GRAB BAR |
| 10 | POLYVINYL CHLORIDE TILE BORDER |



TOILET & BATH DETAIL
SCALE: 1:100



TOILET DETAIL
SCALE: 1:100



TOILET & BATH DETAIL
SCALE: 1:100

DYP. ZOCALD DELIA
11.10.19

CED

PROJECT: [Handwritten]

DATE: [Handwritten]

SCALE: [Handwritten]

DESIGNER: [Handwritten]

CHECKER: [Handwritten]

APPROVED: [Handwritten]

CITY OF SAN CARLOS
OFFICE OF THE CITY ENGINEER
MABINGOG

| | | | |
|--|--|--|--|
| 
ELEVATION A
② | 
ELEVATION B
② | 
ELEVATION A
② | 
ELEVATION B
② |
| FEMALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | FEMALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | FEMALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | FEMALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" |
| 
ELEVATION A
① | 
ELEVATION B
① | 
ELEVATION A
① | 
ELEVATION B
① |
| MALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | MALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | MALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | MALE PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" |
| 
ELEVATION A
① | 
ELEVATION B
① | 
ELEVATION A
① | 
ELEVATION B
① |
| PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" | PUBLIC TOILET DETAIL
SCALE: 1/4" = 1'-0" |

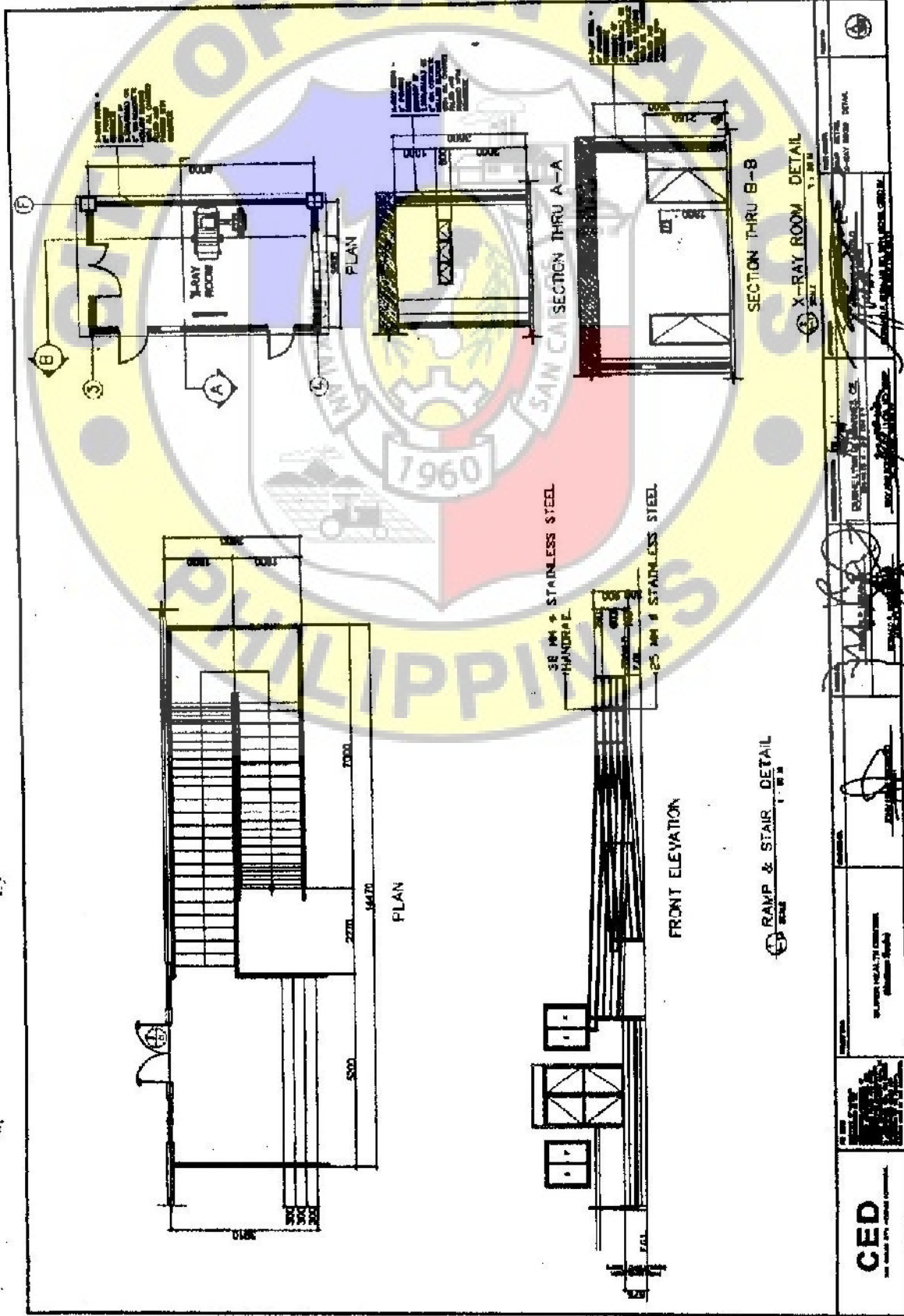
CE

APPROVED: *[Signature]*

DATE: _____

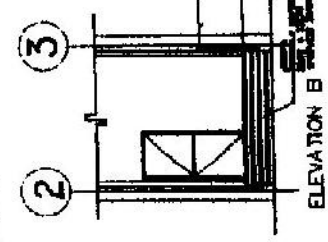
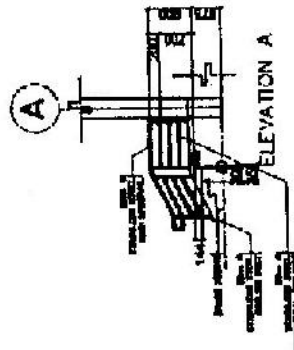
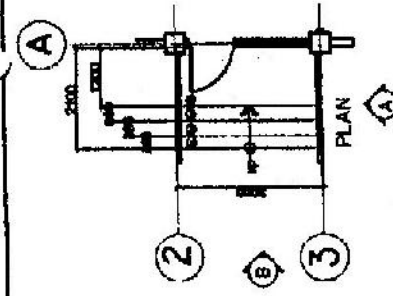
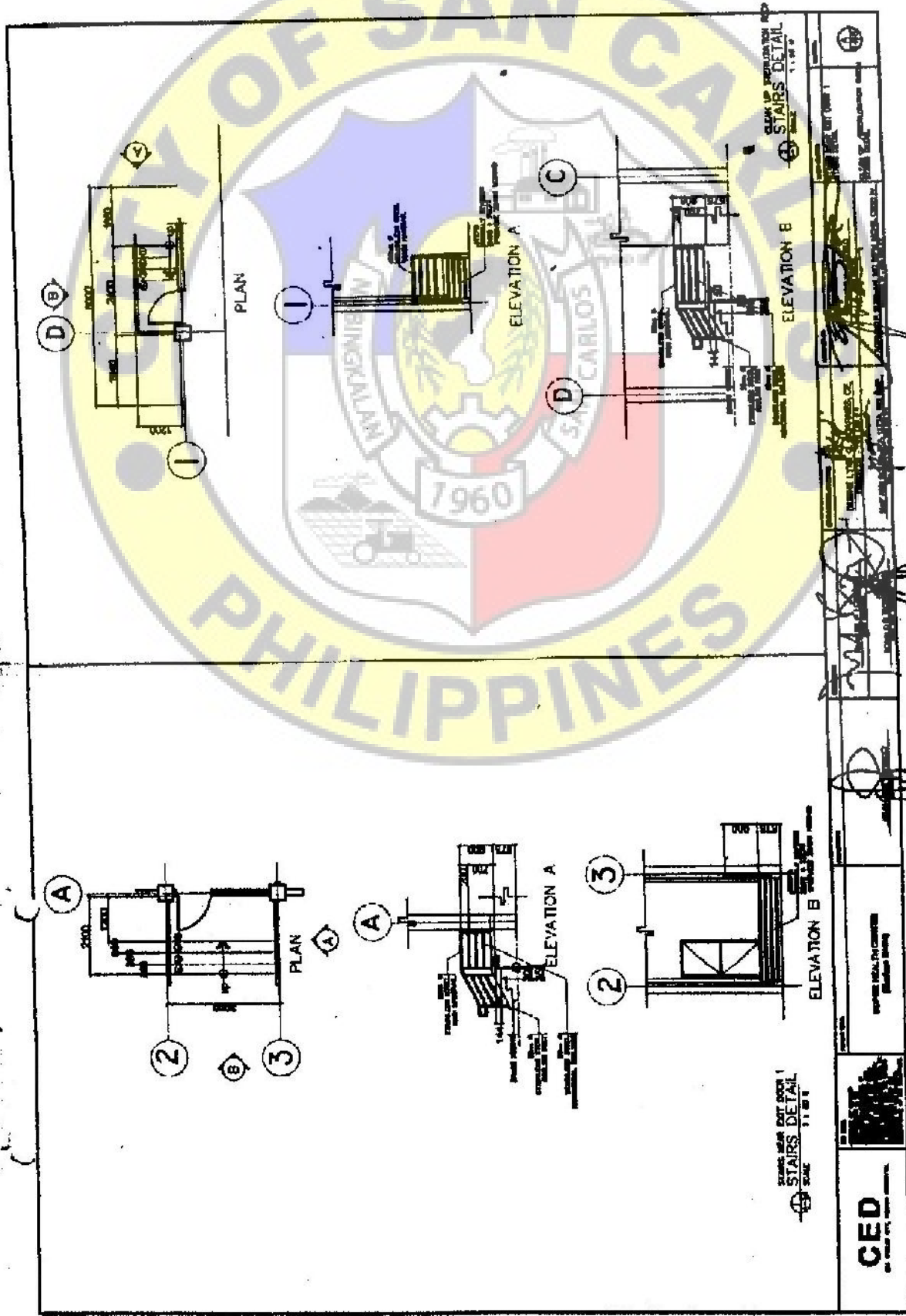
PROJECT NO. _____

DATE OF ISSUE: _____



C C

| | | | | | |
|--|--|--|--|-----------|---|
| | <p>UNIVERSITY OF SAN CARLOS
 COLLEGE OF ARCHITECTURE
 CEBU</p> | <p>DESIGNED BY: [Signature]
 DRAWN BY: [Signature]</p> | | <p>CE</p> | <p>CED
 CIVIL ENGINEER</p> |
|--|--|--|--|-----------|---|



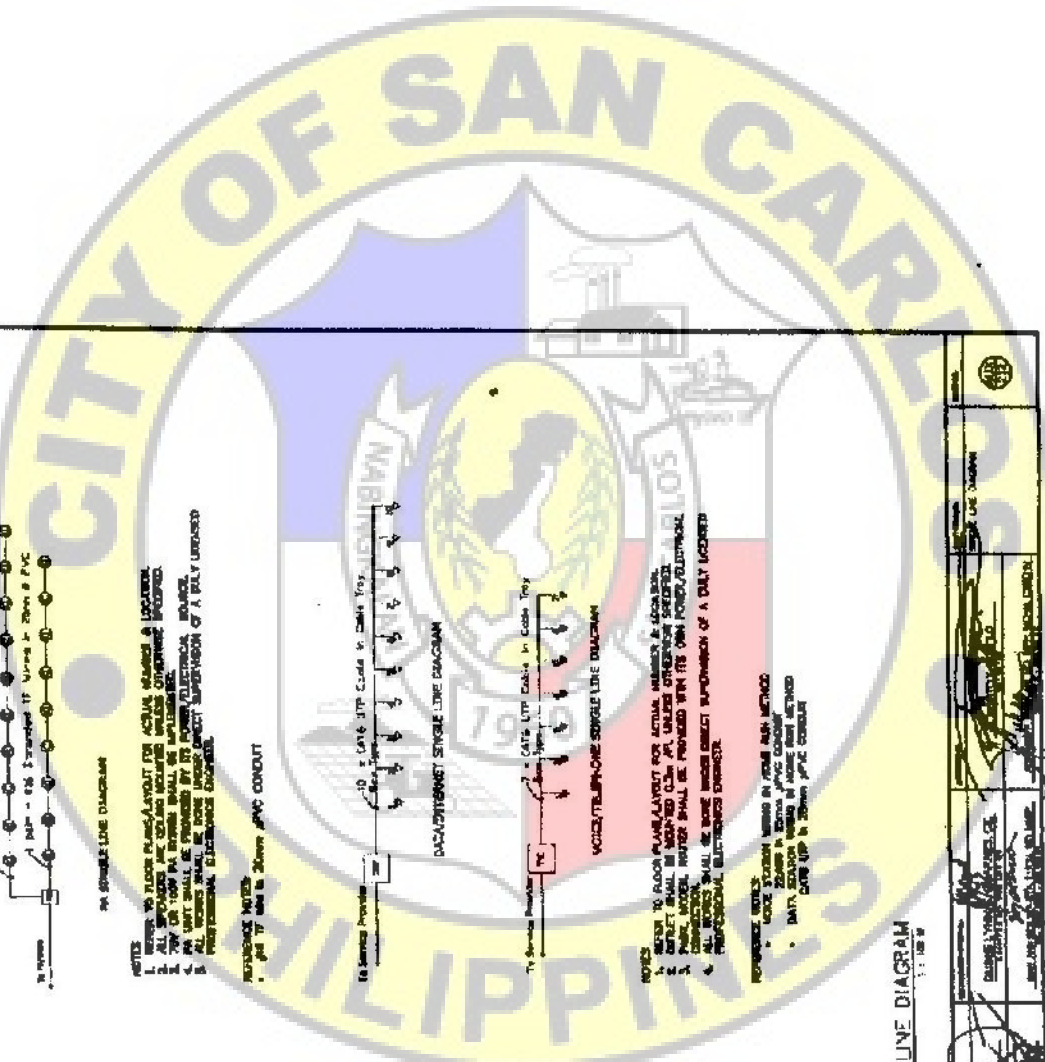
STAIRS DETAIL
SCALE 1:100

STAIRS DETAIL
SCALE 1:100



CED

| | | |
|---|---|---|
| | | |
| REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING | REGISTERED PROFESSIONAL ARCHITECT
ARCHITECTURE | REGISTERED PROFESSIONAL ARCHITECT
ARCHITECTURE |

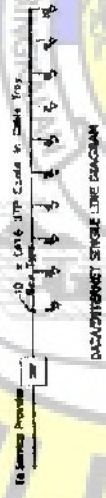


20 SINGLE LINE DIAGRAM



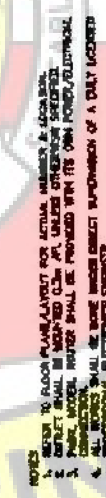
NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit



NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit



NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit

SINGLE LINE DIAGRAM



NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit



NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit



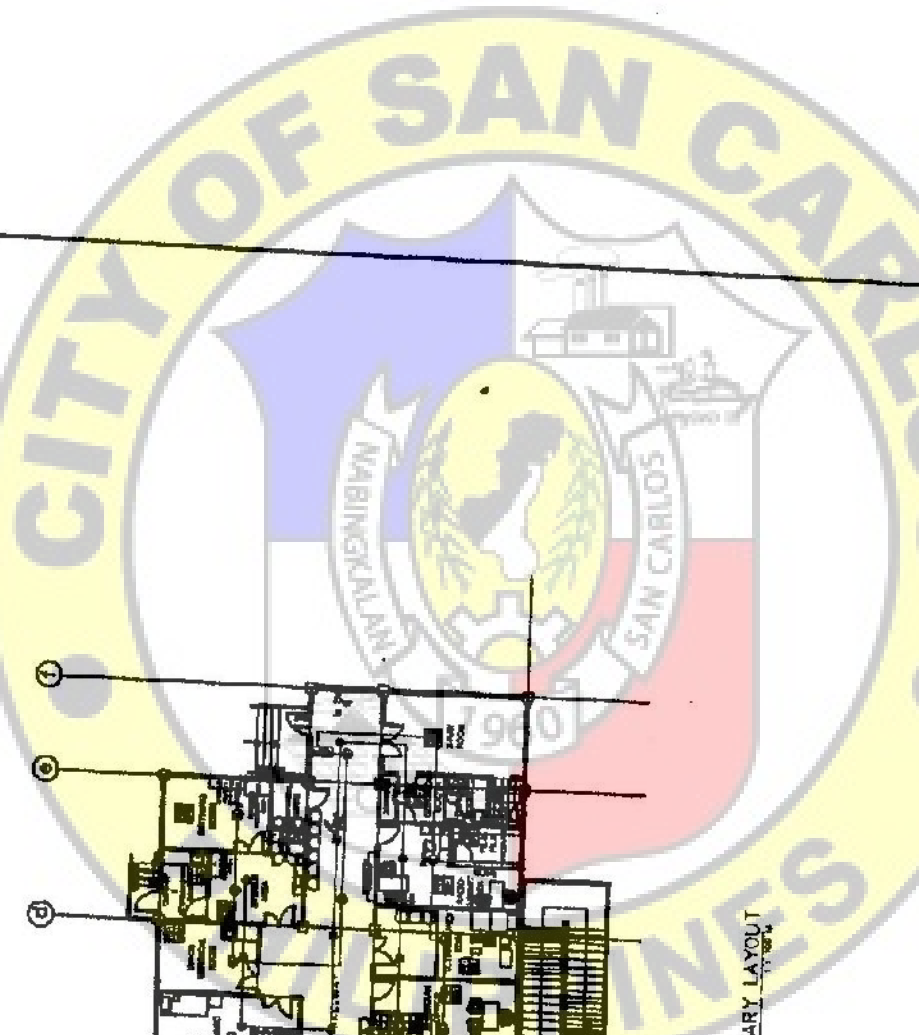
NOTES
 1. REFER TO FLOOR PLAN/LAYOUT FOR ACTUAL NUMBER & LOCATION
 2. ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE BOTH LOCATION AND PURPOSE
 3. MATERIALS SHALL BE AS FOLLOWS
 4. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF A DAILY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

REFERENCE NOTES
 1. 200mm PVC CONDUIT
 2. 10 x 20mm JTP Conduit in 200mm PVC Conduit

SINGLE LINE DIAGRAM

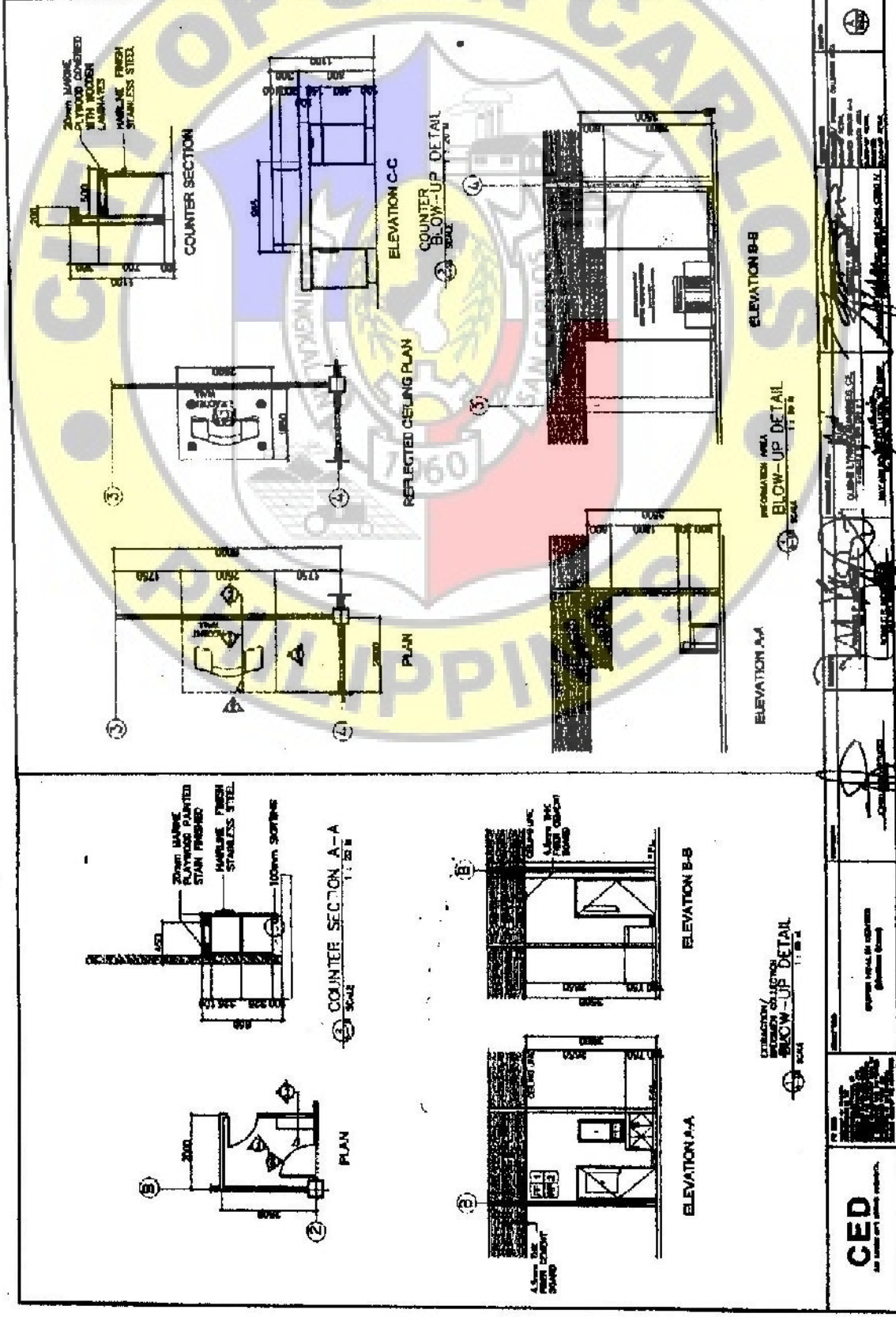
| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

CED



AUXILIARY LAYOUT
SCALE 1/8" = 1'-0"

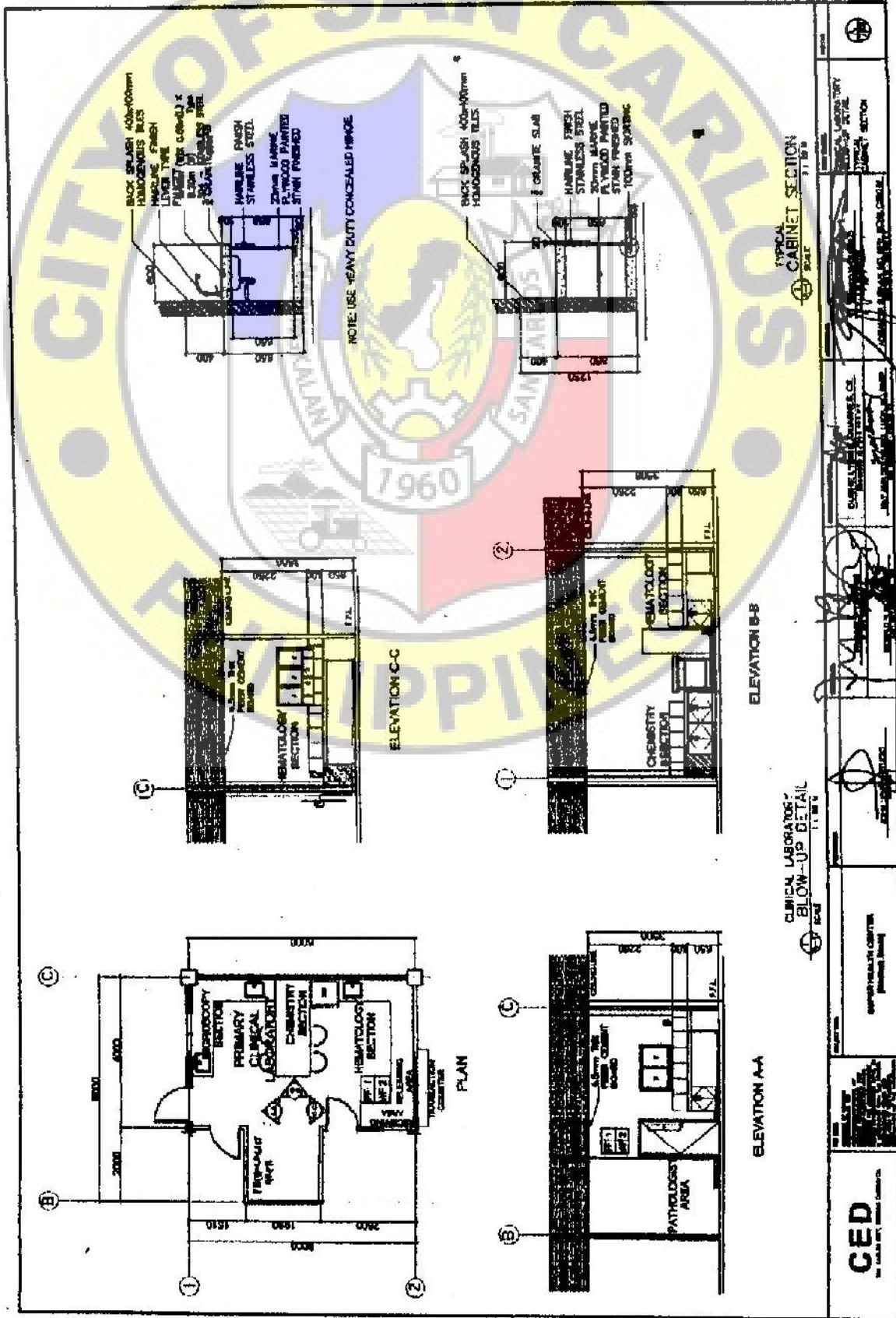
| | | | |
|---|--|--------------------|-------------------|
| CED
CONSTRUCTION ENGINEERING DESIGN | | DATE: _____ | PROJECT: _____ |
| | | DESIGNED BY: _____ | CHECKED BY: _____ |
| DRAWN BY: _____ | | DATE: _____ | PROJECT: _____ |
| SCALE: _____ | | DATE: _____ | PROJECT: _____ |
| PROJECT: _____ | | DATE: _____ | PROJECT: _____ |

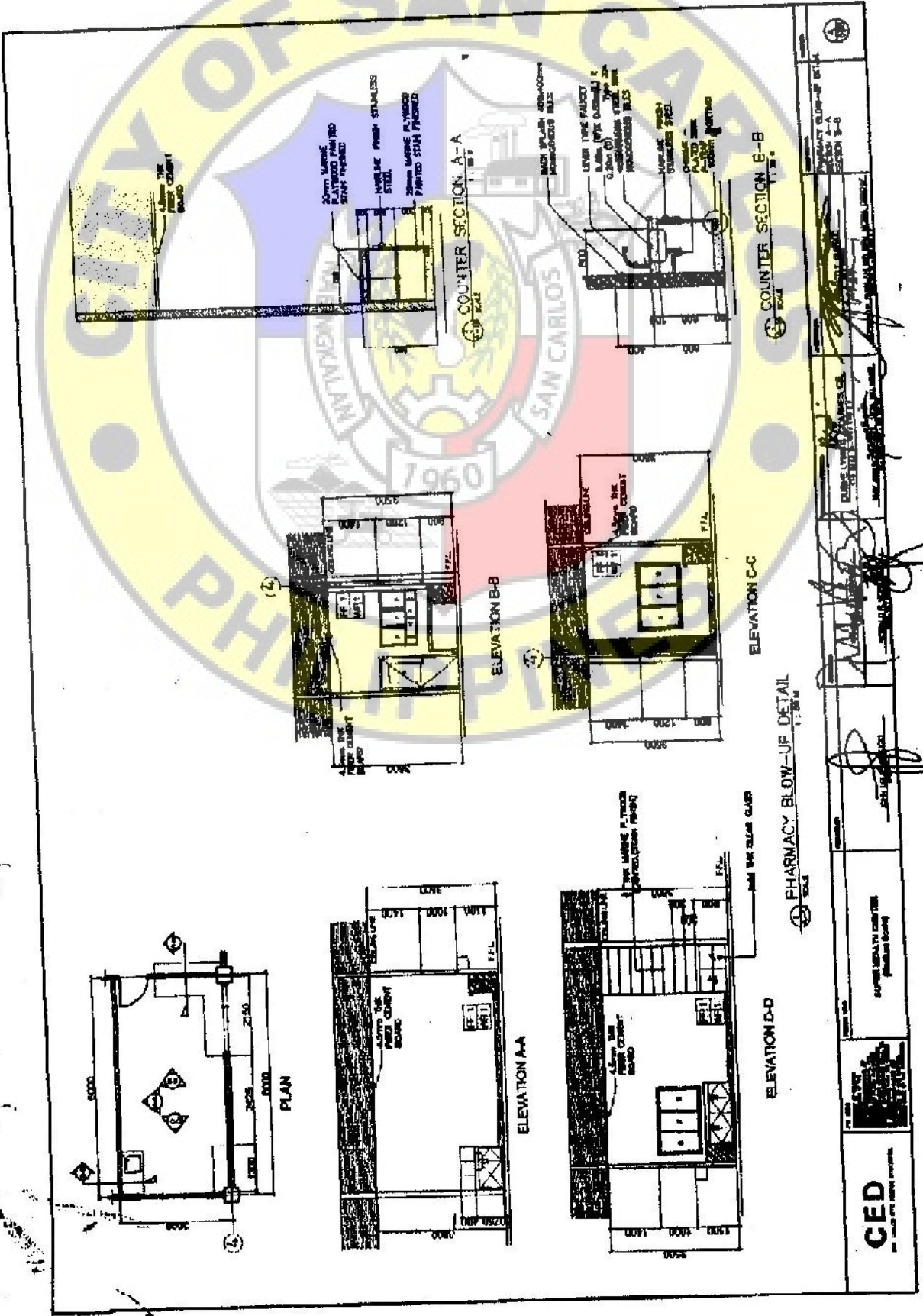


9

3

| | | | | | |
|--|---|--|--|--|---|
| <p>CEC
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> | <p>PROJECT:
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> | <p>DATE:
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> | <p>DRAWN BY:
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> | <p>CHECKED BY:
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> | <p>SCALE:
 <small>CONSTRUCTION ENGINEERING CONSULTANTS OF CALIFORNIA</small></p> |
|--|---|--|--|--|---|





CED
 CIVIL ENGINEERING DESIGN

PHARMACY BLOW-UP DETAIL
 1:10

ELEVATION C-C
 1:10

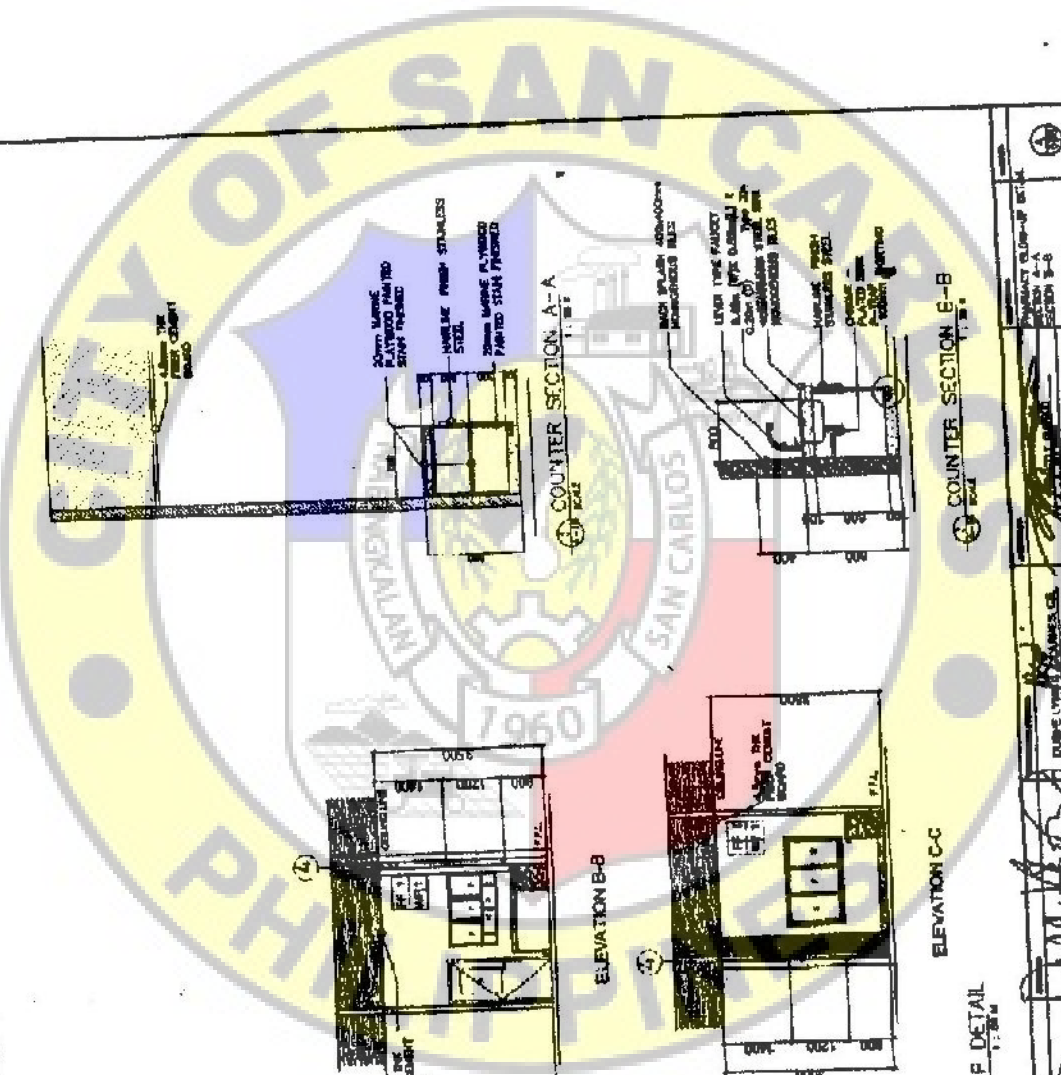
ELEVATION B-B
 1:10

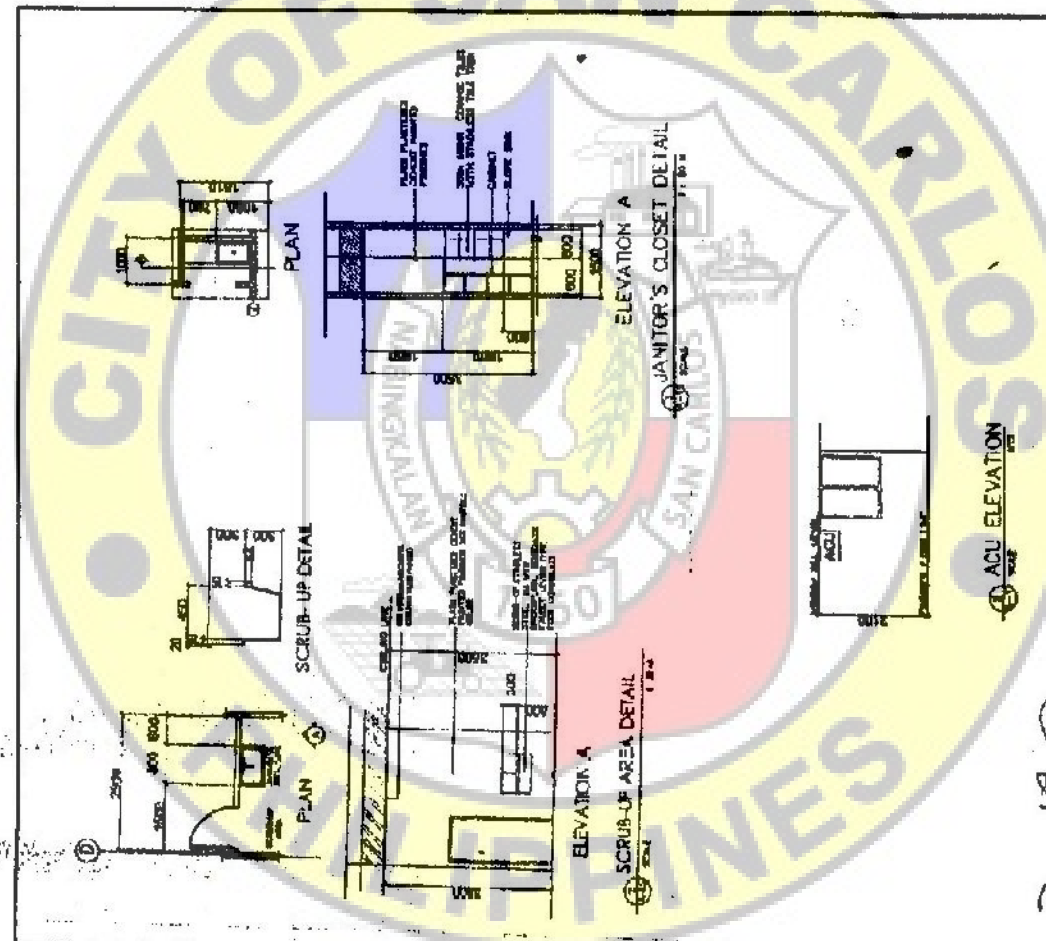
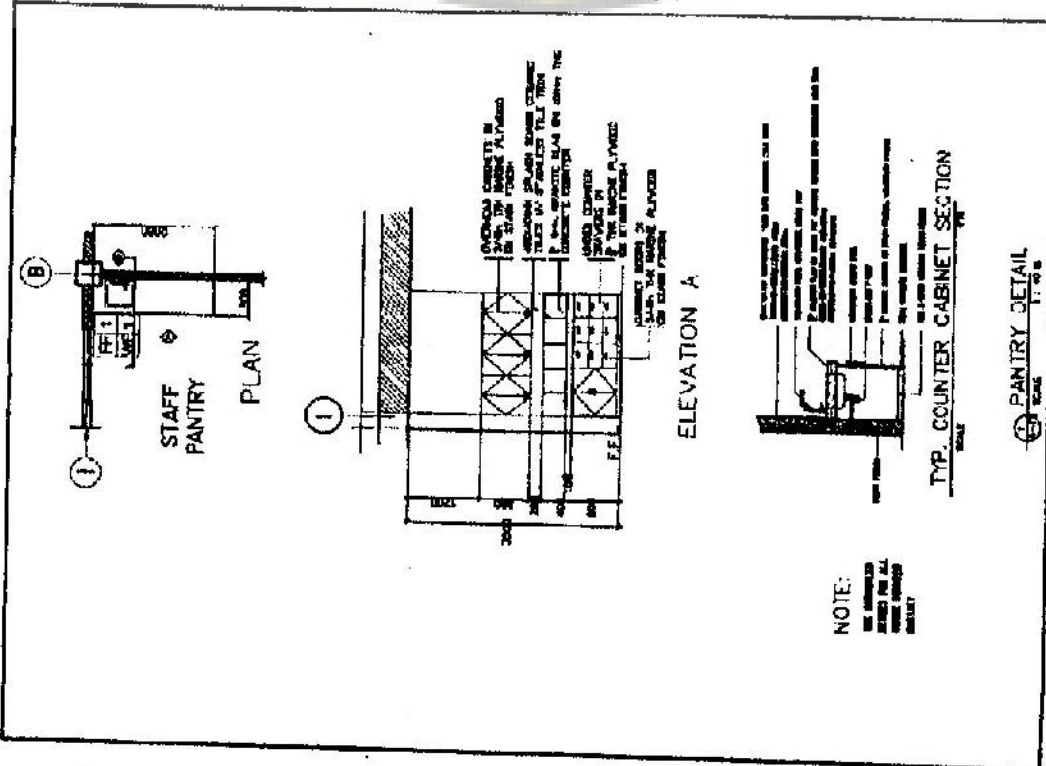
ELEVATION A-A
 1:10

PHARMACY BLOW-UP DETAIL
 1:10

PLAN
 1:10

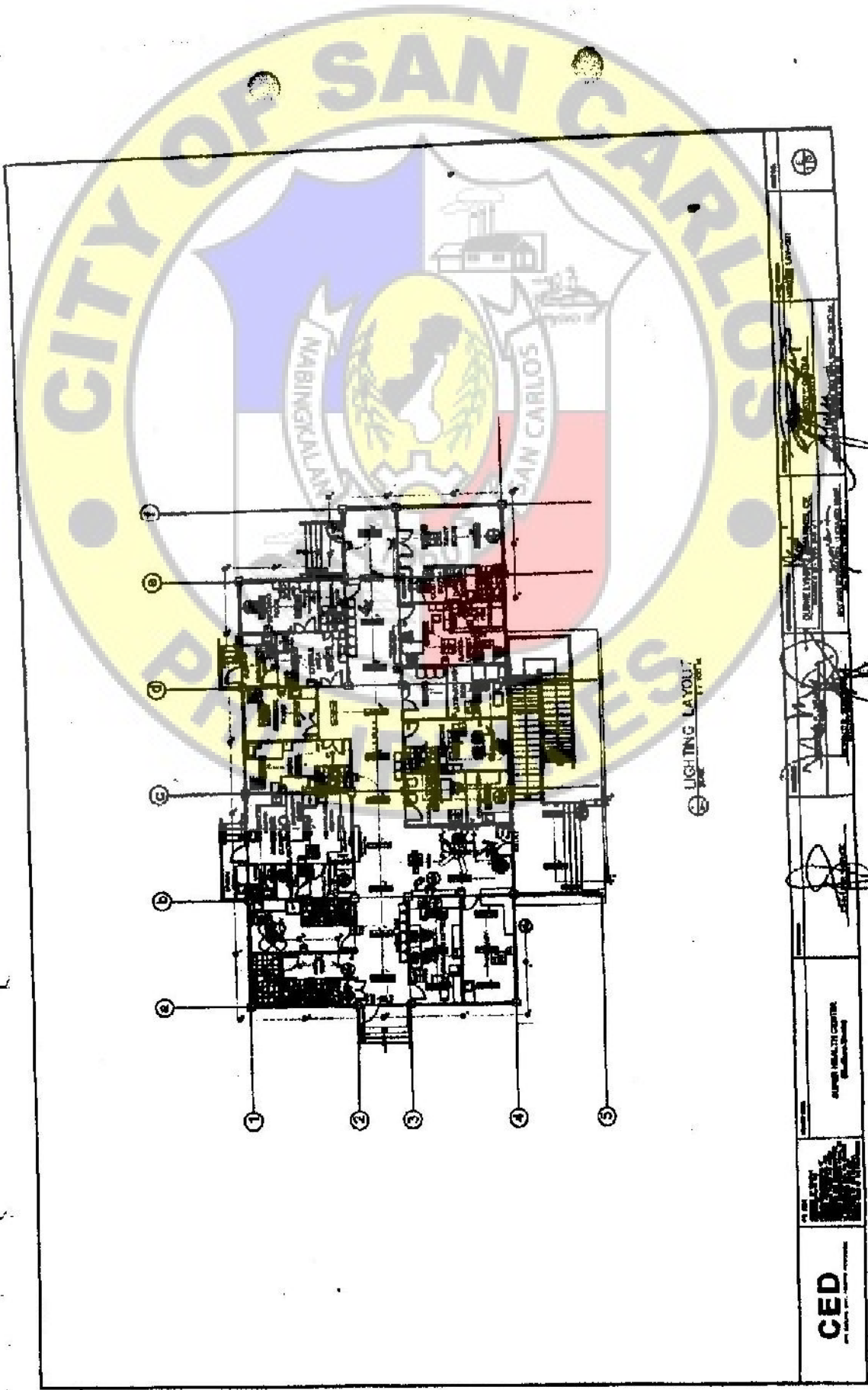
Handwritten notes and signatures on the left side of the page.





C
 C

| | | | | |
|-------------------|-----------------------|--|------------------------------|----------------------------|
| <p>CED</p> | <p>DATE: 11/11/11</p> | <p>PROJECT: SAN CARLOS WATER TREATMENT PLANT</p> | <p>DESIGNER: [Signature]</p> | <p>SCALE: 1/8" = 1'-0"</p> |
| | <p>DATE: 11/11/11</p> | <p>PROJECT: SAN CARLOS WATER TREATMENT PLANT</p> | <p>DESIGNER: [Signature]</p> | <p>SCALE: 1/8" = 1'-0"</p> |

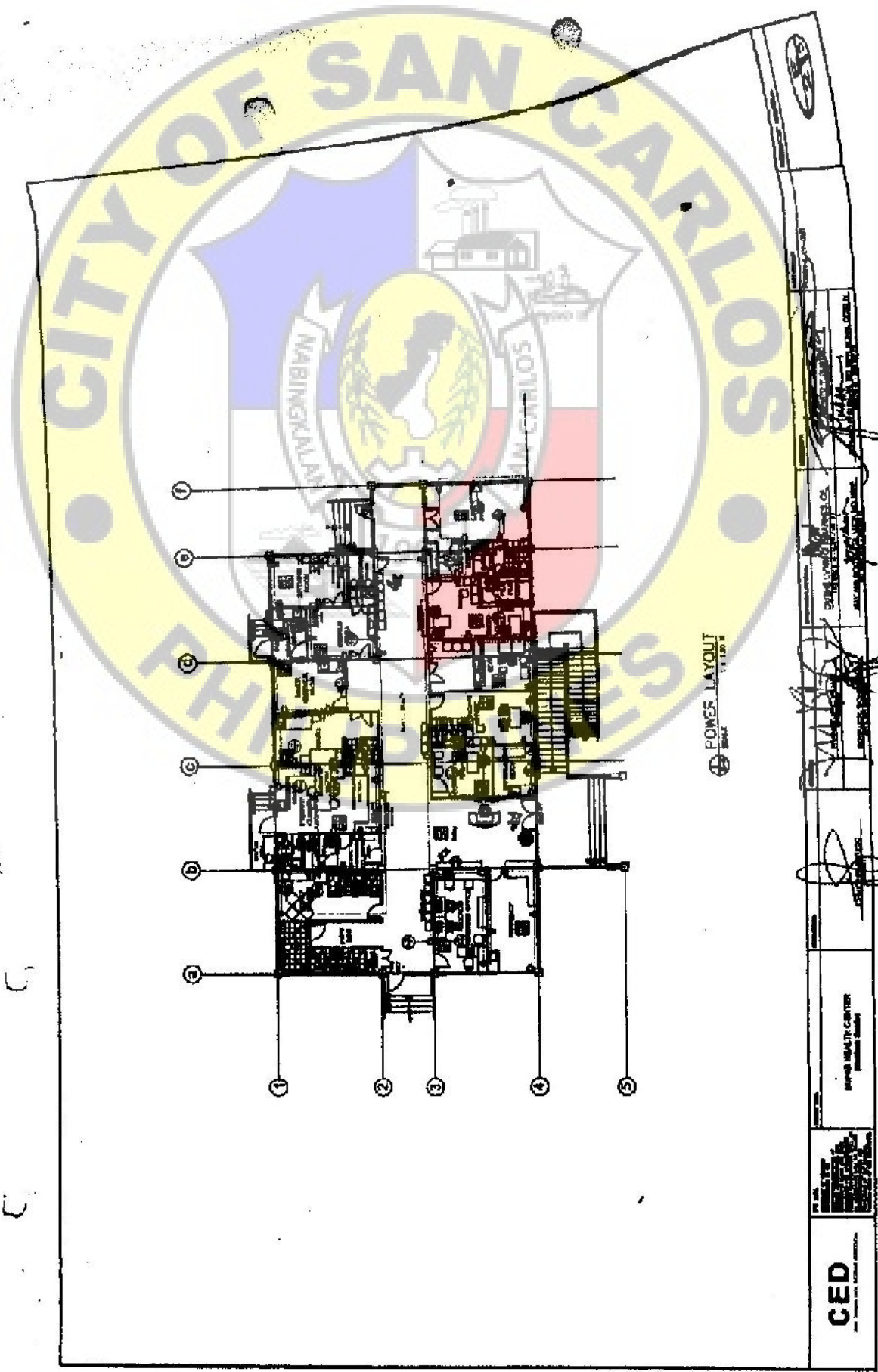


3
C

CEP

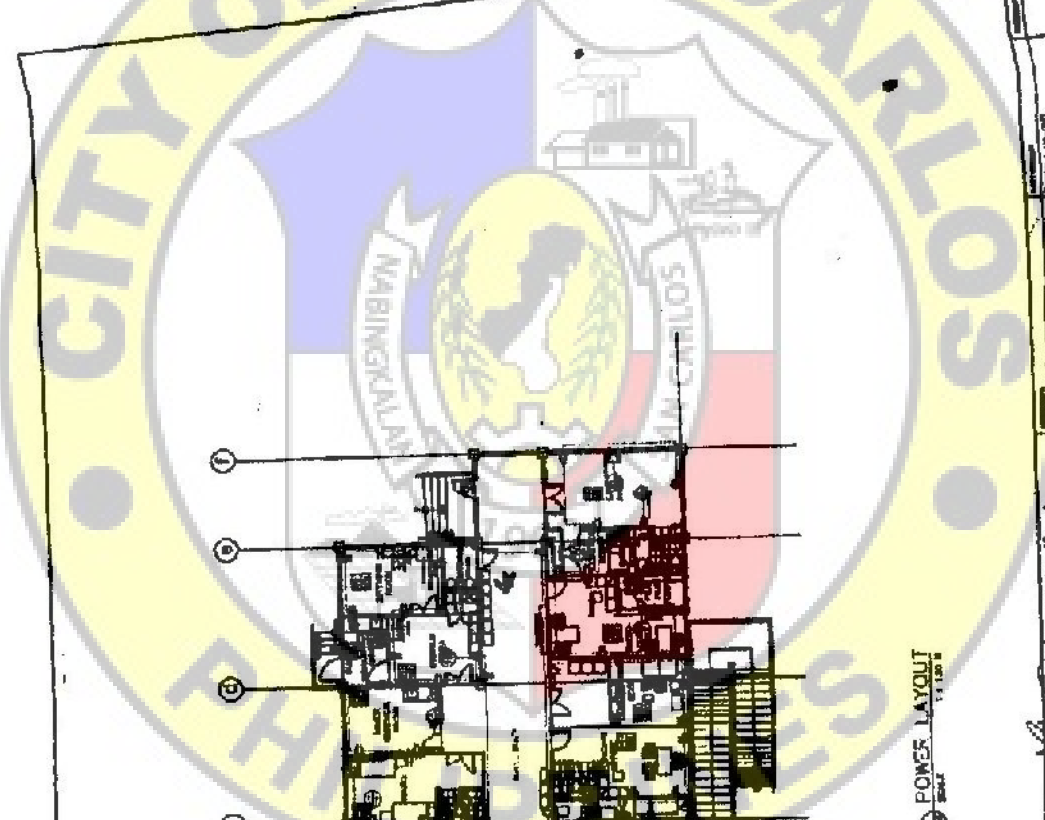
CEP QUALITY CENTRE



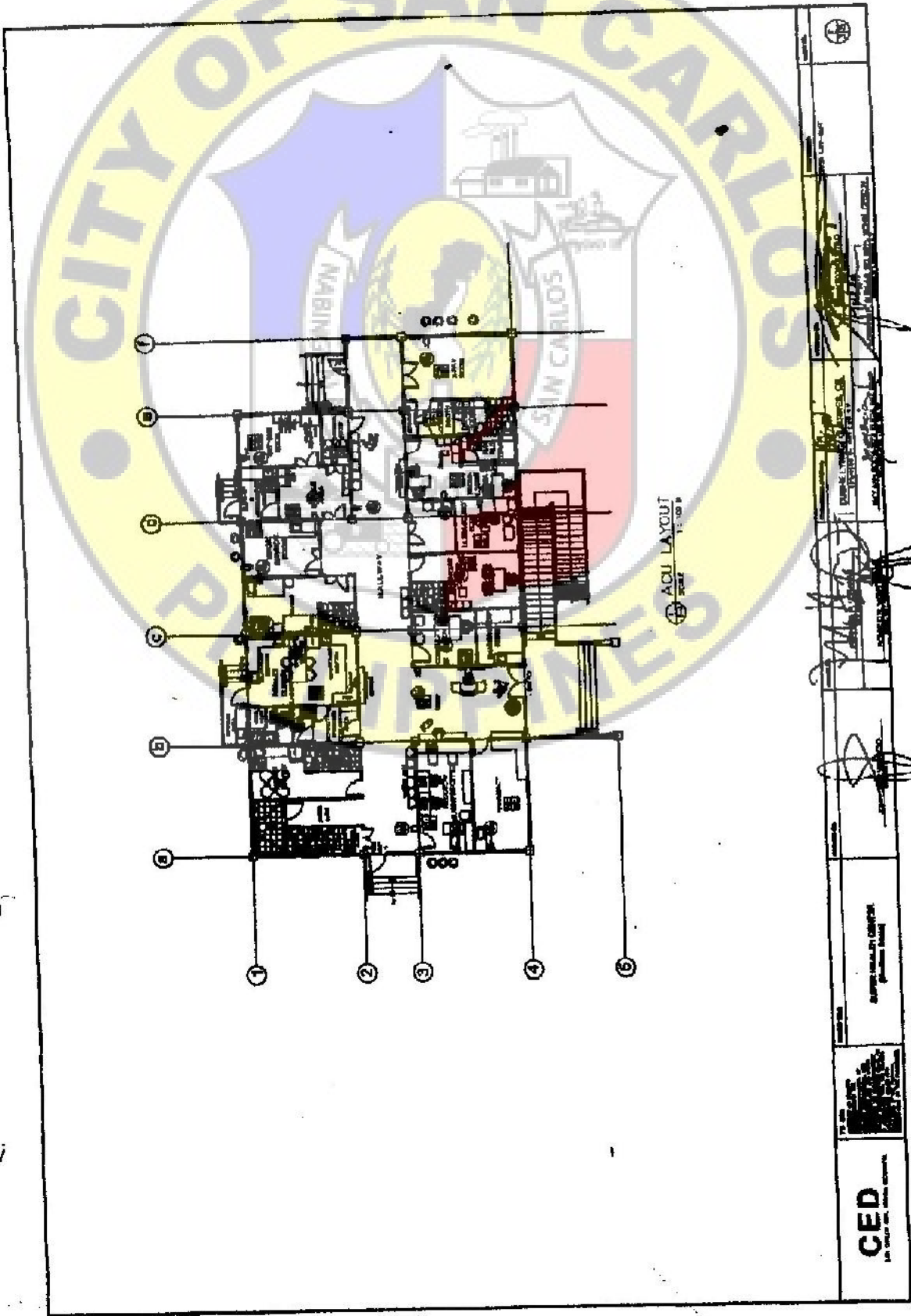


5

CITY OF SAN CARLOS



PROJECT NO. 11/18/20
 DATE: 11/18/20
 ENGINEER: CED
 CHECKED: [Signature]
 APPROVED: [Signature]



5

C

SCHEDULE OF LOADS

SCHEDULE OF LOADS (Table with columns for description, unit, and quantity)

SCHEDULE OF LOADS

SCHEDULE OF LOADS (Table with columns for description, unit, and quantity)

SCHEDULE OF LOADS

SCHEDULE OF LOADS (Table with columns for description, unit, and quantity)

SCHEDULE OF LOADS (Table with columns for description, unit, and quantity)

SCHEDULE OF LOADS

NOTE: ALL LOADS SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED. THIS INCLUDES DEAD, LIVE, AND WIND LOADS. THE WEIGHT OF THE STRUCTURE SHALL BE TAKEN INTO ACCOUNT IN ALL CALCULATIONS. THE LOADS SHALL BE APPLIED AS SHOWN IN THE ATTACHED DRAWINGS AND SPECIFICATIONS.

LEGEND & SYMBOLS

- 1. ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 2. ALL ANGLES SHALL BE IN DEGREES UNLESS OTHERWISE SPECIFIED.
- 3. ALL MATERIALS SHALL BE AS SPECIFIED IN THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 5. ALL CALCULATIONS SHALL BE MADE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 6. ALL DRAWINGS SHALL BE MADE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 7. ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 8. ALL ANGLES SHALL BE IN DEGREES UNLESS OTHERWISE SPECIFIED.
- 9. ALL MATERIALS SHALL BE AS SPECIFIED IN THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 11. ALL CALCULATIONS SHALL BE MADE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.
- 12. ALL DRAWINGS SHALL BE MADE IN ACCORDANCE WITH THE ATTACHED DRAWINGS AND SPECIFICATIONS.

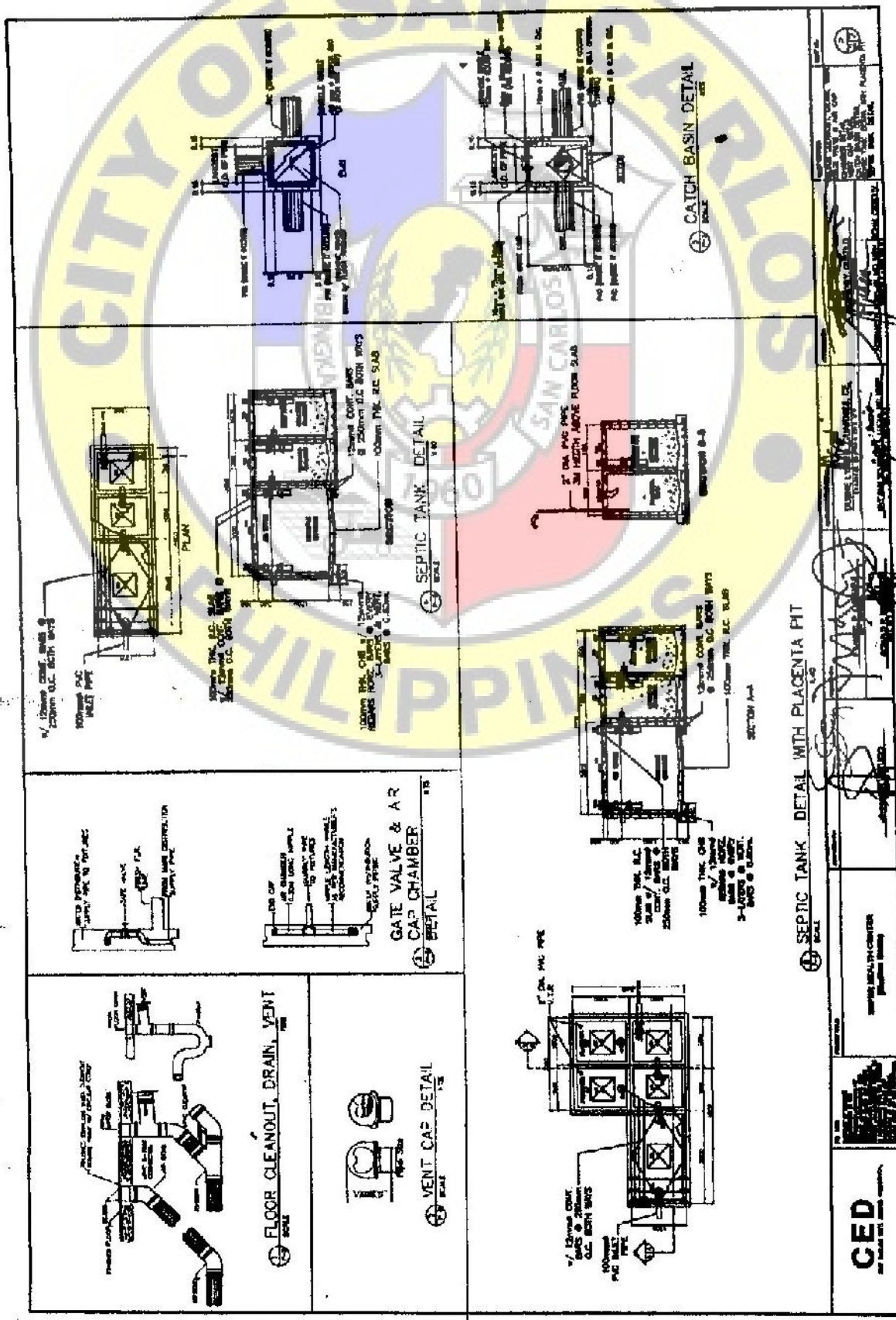
VOLTAGE DROP AND SHORT CIRCUIT CALCULATIONS

VOLTAGE DROP AND SHORT CIRCUIT CALCULATIONS (Table with columns for calculation parameters and results)

FOR ALL OTHER ELECTRICAL AND MECHANICAL CALCULATIONS, REFER TO THE ATTACHED DRAWINGS AND SPECIFICATIONS. THE WEIGHT OF THE STRUCTURE SHALL BE TAKEN INTO ACCOUNT IN ALL CALCULATIONS. THE LOADS SHALL BE APPLIED AS SHOWN IN THE ATTACHED DRAWINGS AND SPECIFICATIONS.

Project Information and Signatures (Includes fields for name, title, date, and signatures)

CED

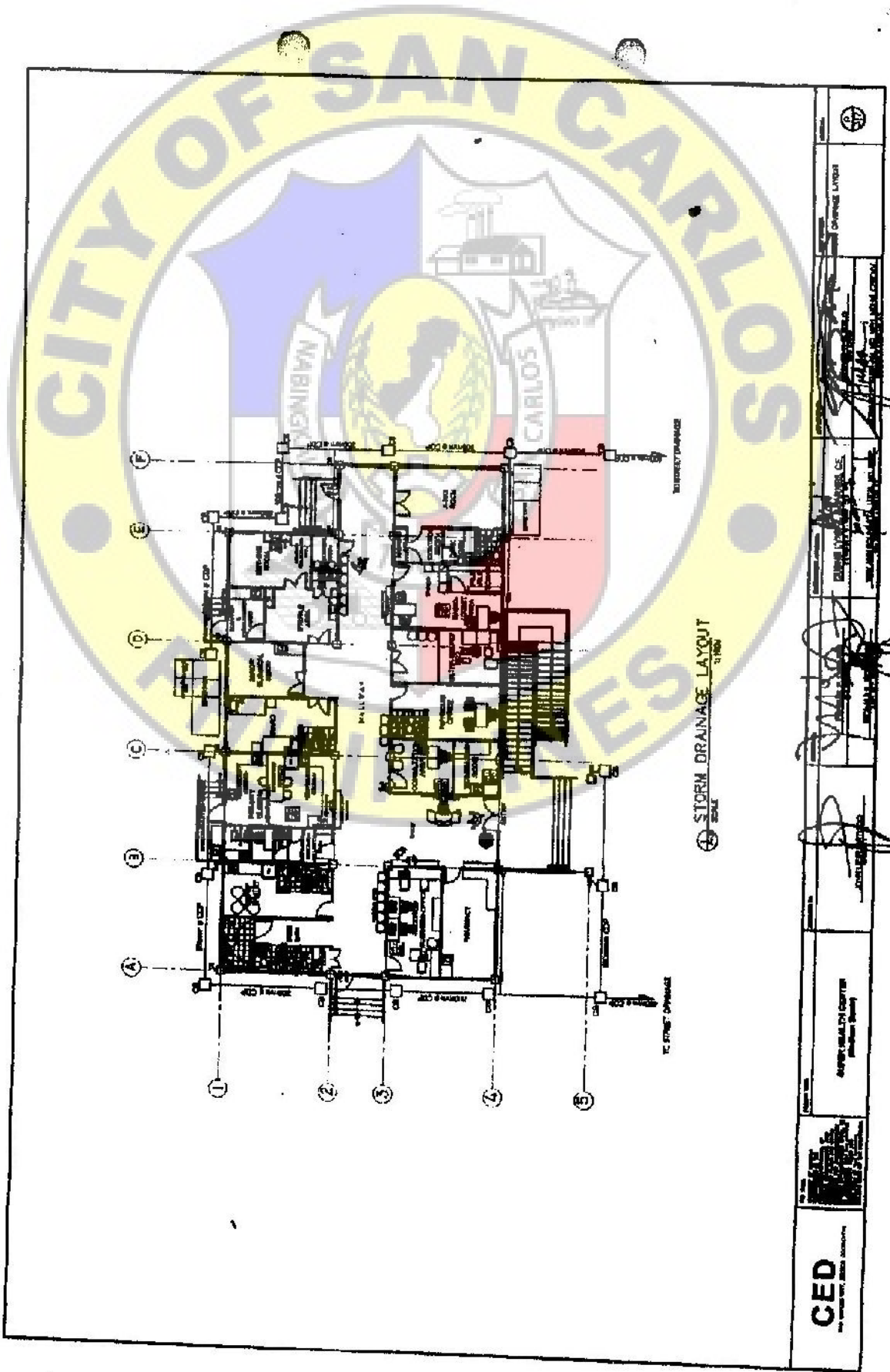


CITY OF SAN CARLOS
 PHILIPPINE ISLANDS
 SAN CARLOS CITY ENGINEERING OFFICE
 SAN CARLOS CITY, PHILIPPINE ISLANDS

CED

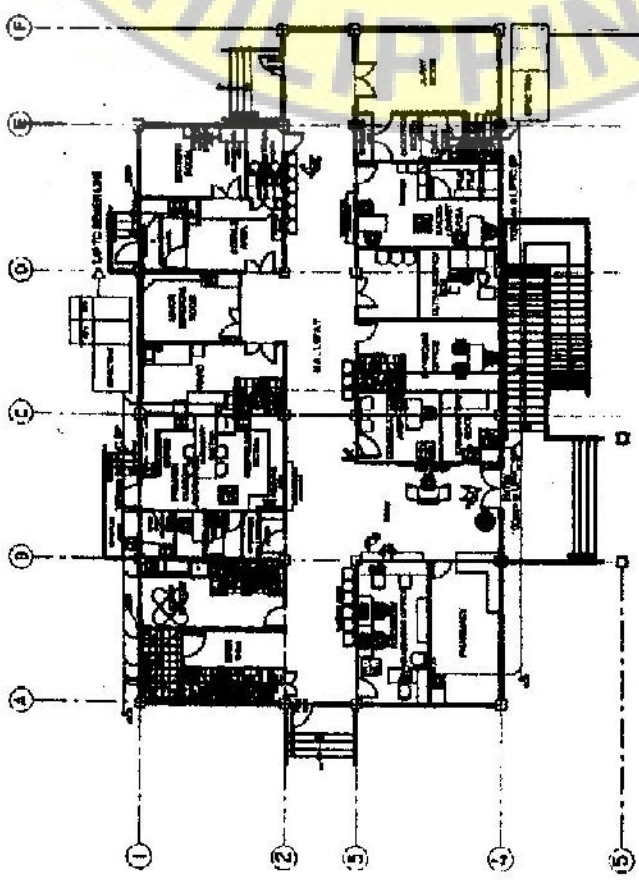
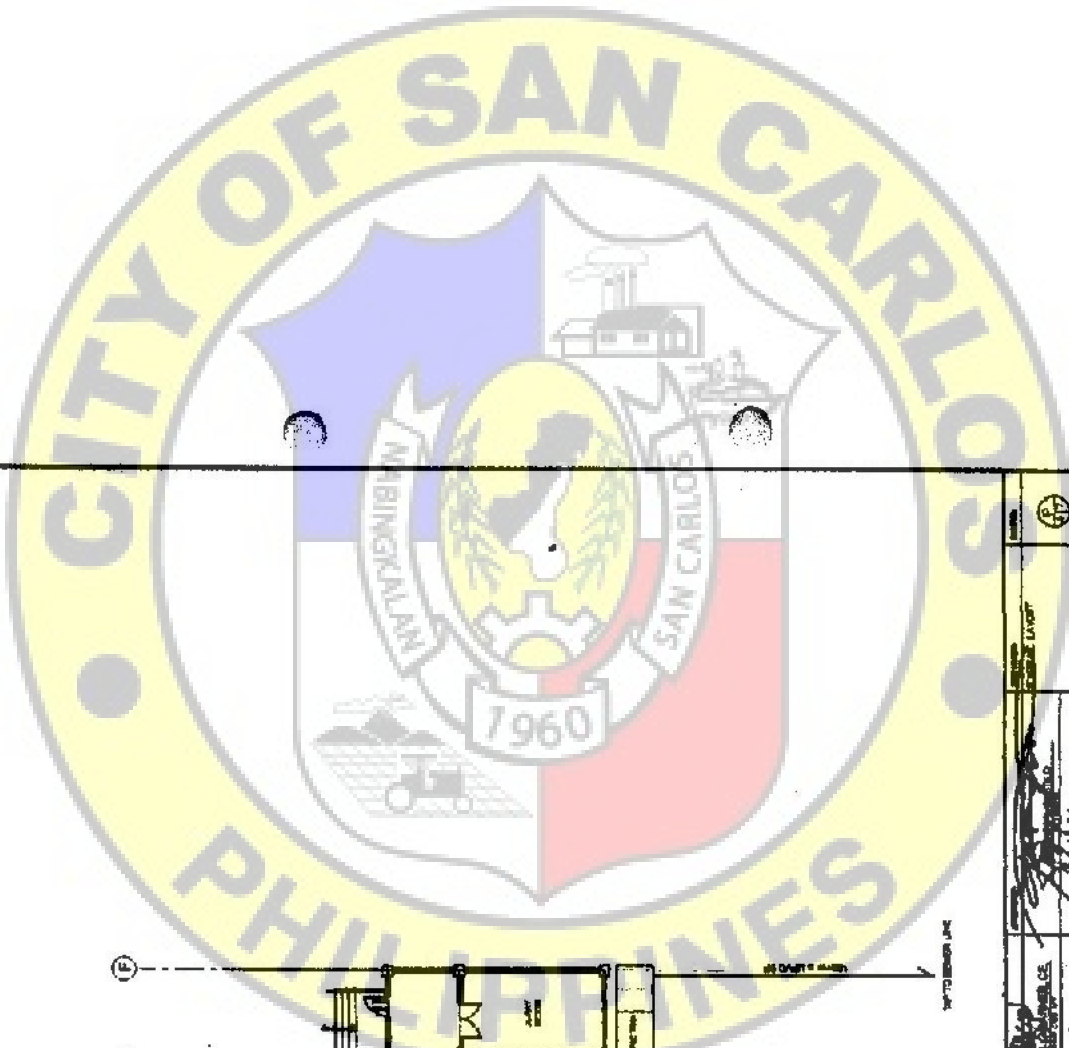
SEPTIC TANK DETAIL WITH PLACENTIA PIT

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 APPROVED BY: _____



| | | | | | | | | | | | | |
|--|-------------|-----------|------|----------|------------|-------------|-------|------|---------|------|-------|-----|
| | PROJECT NO. | SHEET NO. | DATE | DRAWN BY | CHECKED BY | APPROVED BY | TITLE | FIRM | ADDRESS | CITY | STATE | ZIP |
| | | | | | | | | | | | | |

CED

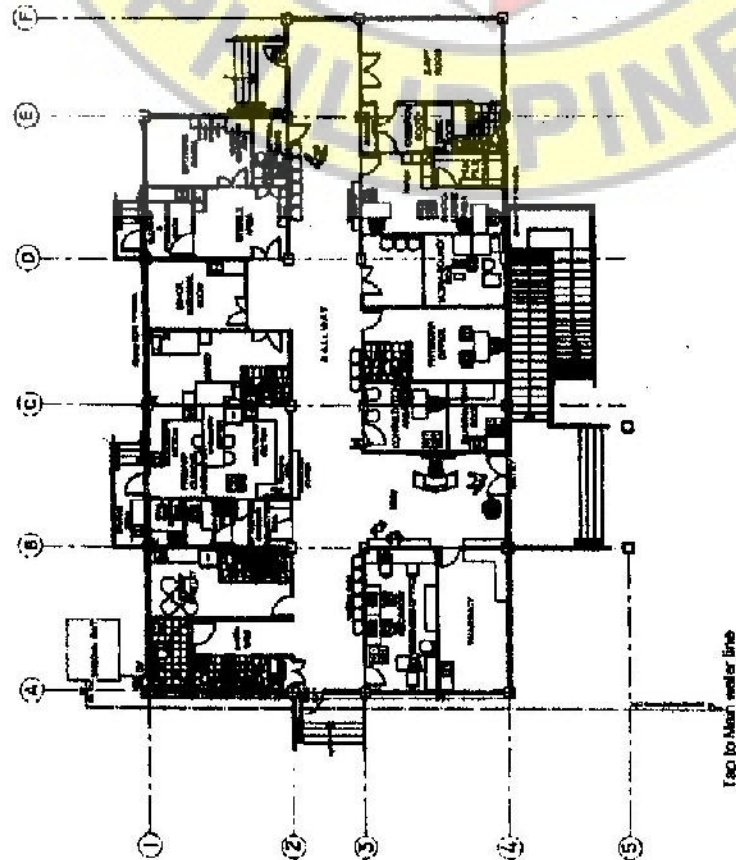
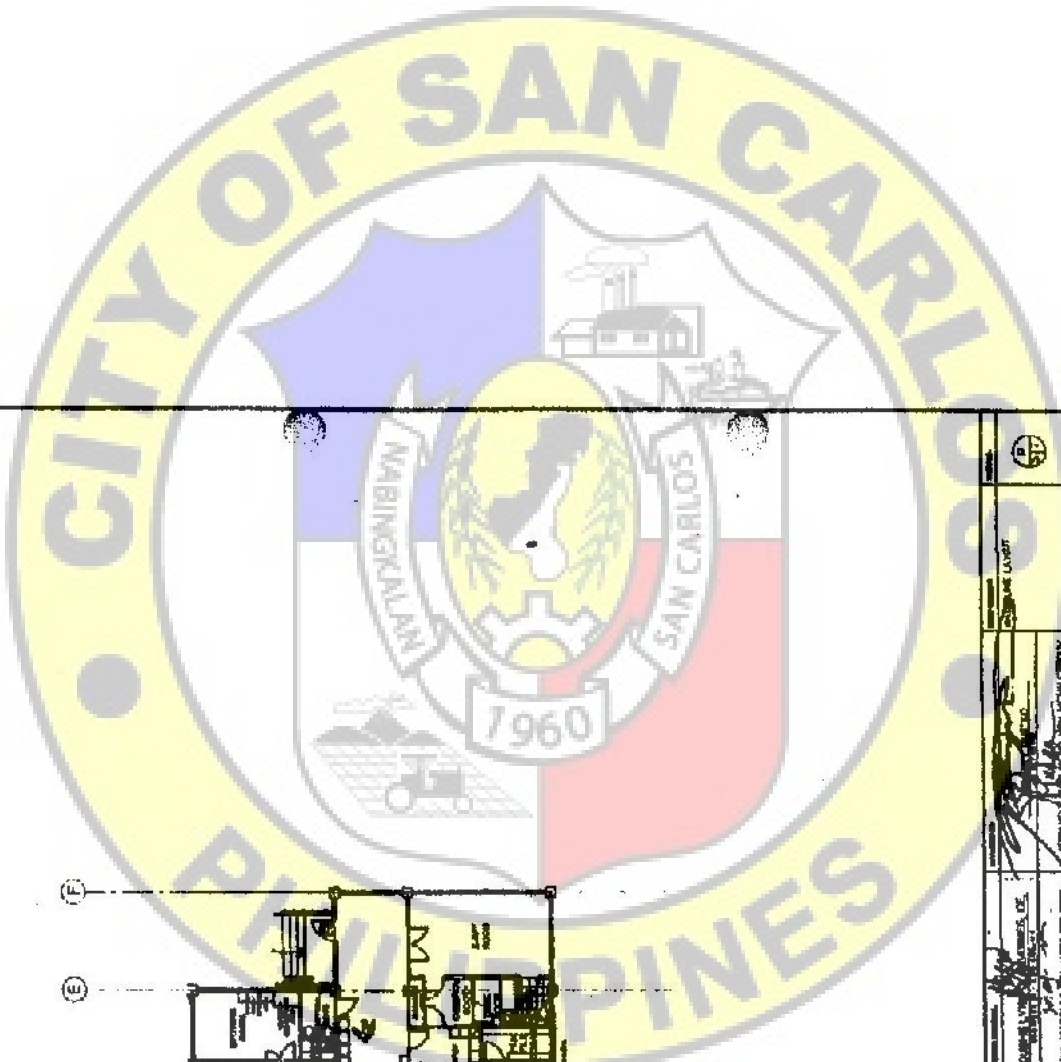


⊕ SEWERLINE LAYOUT
1:100

| | | | |
|--|--|--|--|
| DATE: 10/10/2019 | | PROJECT: SAN CARLOS CITY HEALTH CENTER | |
| DRAWN BY: [Signature] | | CHECKED BY: [Signature] | |
| DESIGNED BY: [Signature] | | APPROVED BY: [Signature] | |
| SCALE: 1:100 | | SHEET NO. 1 OF 1 | |
| PROJECT LOCATION: SAN CARLOS CITY, PHILIPPINES | | PROJECT NO. SC/19/001 | |
| DRAWING NO. SC/19/001-01 | | DATE OF ISSUE: 10/10/2019 | |
| PROJECT CLIENT: SAN CARLOS CITY GOVERNMENT | | PROJECT TYPE: HEALTH CENTER | |
| PROJECT ADDRESS: [Address] | | PROJECT STATUS: [Status] | |
| PROJECT CONTACT: [Contact] | | PROJECT PHONE: [Phone] | |
| PROJECT FAX: [Fax] | | PROJECT EMAIL: [Email] | |
| PROJECT WEBSITE: [Website] | | PROJECT SOCIAL MEDIA: [Social Media] | |
| PROJECT DOCUMENTATION: [Documentation] | | PROJECT ARCHIVE: [Archive] | |
| PROJECT BACKUP: [Backup] | | PROJECT RESTORE: [Restore] | |
| PROJECT SECURITY: [Security] | | PROJECT COMPLIANCE: [Compliance] | |
| PROJECT LEGAL: [Legal] | | PROJECT ETHICS: [Ethics] | |
| PROJECT POLICY: [Policy] | | PROJECT PROCEDURE: [Procedure] | |
| PROJECT STANDARD: [Standard] | | PROJECT BEST PRACTICE: [Best Practice] | |
| PROJECT INNOVATION: [Innovation] | | PROJECT SUSTAINABILITY: [Sustainability] | |
| PROJECT RESILIENCE: [Resilience] | | PROJECT ADAPTABILITY: [Adaptability] | |
| PROJECT FLEXIBILITY: [Flexibility] | | PROJECT SCALABILITY: [Scalability] | |
| PROJECT SECURITY: [Security] | | PROJECT COMPLIANCE: [Compliance] | |
| PROJECT LEGAL: [Legal] | | PROJECT ETHICS: [Ethics] | |
| PROJECT POLICY: [Policy] | | PROJECT PROCEDURE: [Procedure] | |
| PROJECT STANDARD: [Standard] | | PROJECT BEST PRACTICE: [Best Practice] | |
| PROJECT INNOVATION: [Innovation] | | PROJECT SUSTAINABILITY: [Sustainability] | |
| PROJECT RESILIENCE: [Resilience] | | PROJECT ADAPTABILITY: [Adaptability] | |
| PROJECT FLEXIBILITY: [Flexibility] | | PROJECT SCALABILITY: [Scalability] | |
| PROJECT SECURITY: [Security] | | PROJECT COMPLIANCE: [Compliance] | |
| PROJECT LEGAL: [Legal] | | PROJECT ETHICS: [Ethics] | |
| PROJECT POLICY: [Policy] | | PROJECT PROCEDURE: [Procedure] | |
| PROJECT STANDARD: [Standard] | | PROJECT BEST PRACTICE: [Best Practice] | |
| PROJECT INNOVATION: [Innovation] | | PROJECT SUSTAINABILITY: [Sustainability] | |
| PROJECT RESILIENCE: [Resilience] | | PROJECT ADAPTABILITY: [Adaptability] | |
| PROJECT FLEXIBILITY: [Flexibility] | | PROJECT SCALABILITY: [Scalability] | |

San Carlos City

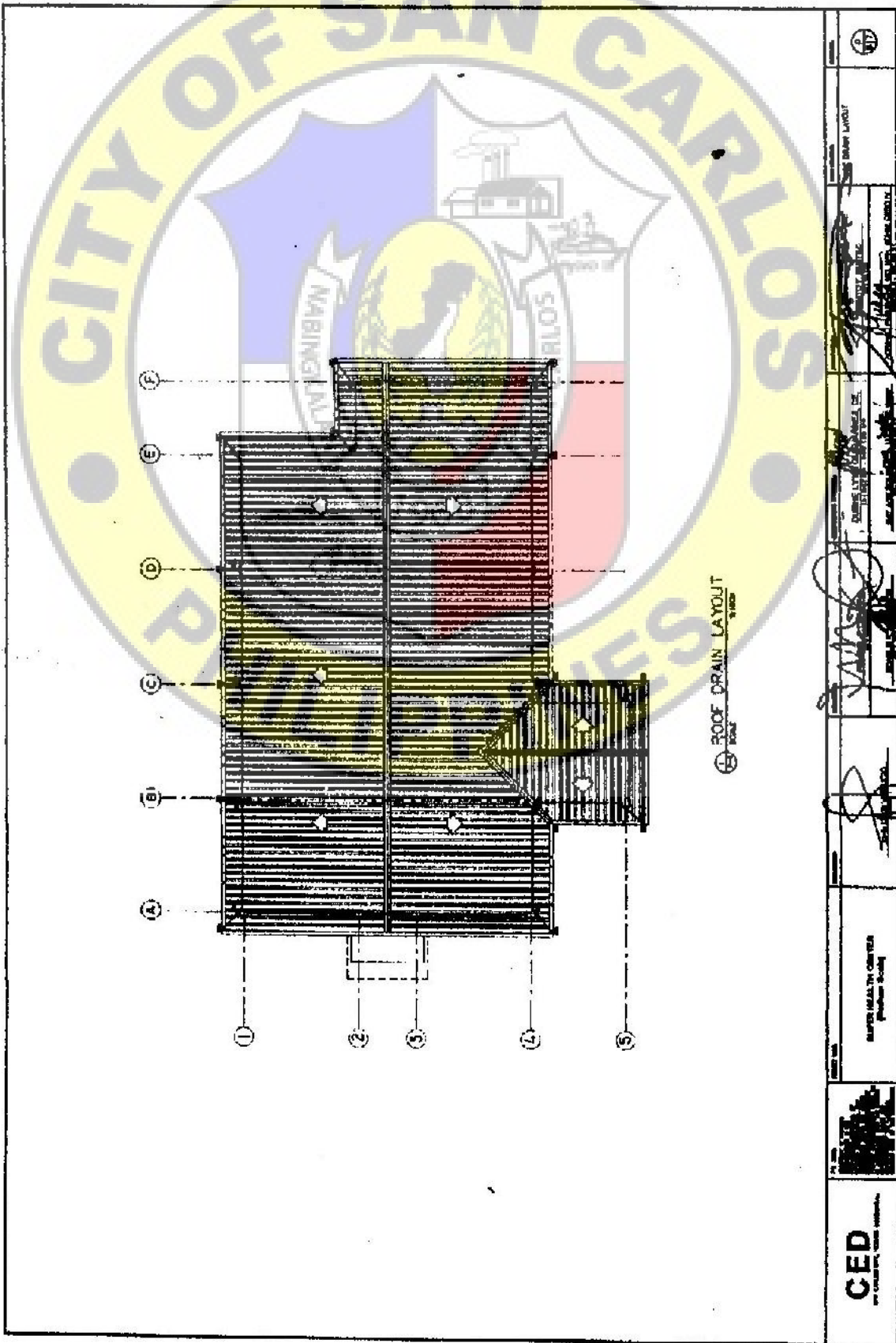
CED
CONSTRUCTION ENGINEERING DESIGN



WATERLINE LAYOUT
SCALE

| | |
|--------------------|--|
| | CED
Engineering and Construction, Inc. |
| PROJECT NO. _____ | DATE _____ |
| PROJECT NAME _____ | PROJECT LOCATION _____ |
| CLIENT NAME _____ | CLIENT ADDRESS _____ |
| DESIGNED BY _____ | CHECKED BY _____ |
| DRAWN BY _____ | APPROVED BY _____ |
| SCALE _____ | DATE OF ISSUE _____ |
| PROJECT NO. _____ | DATE _____ |
| PROJECT NAME _____ | PROJECT LOCATION _____ |
| CLIENT NAME _____ | CLIENT ADDRESS _____ |
| DESIGNED BY _____ | CHECKED BY _____ |
| DRAWN BY _____ | APPROVED BY _____ |
| SCALE _____ | DATE OF ISSUE _____ |

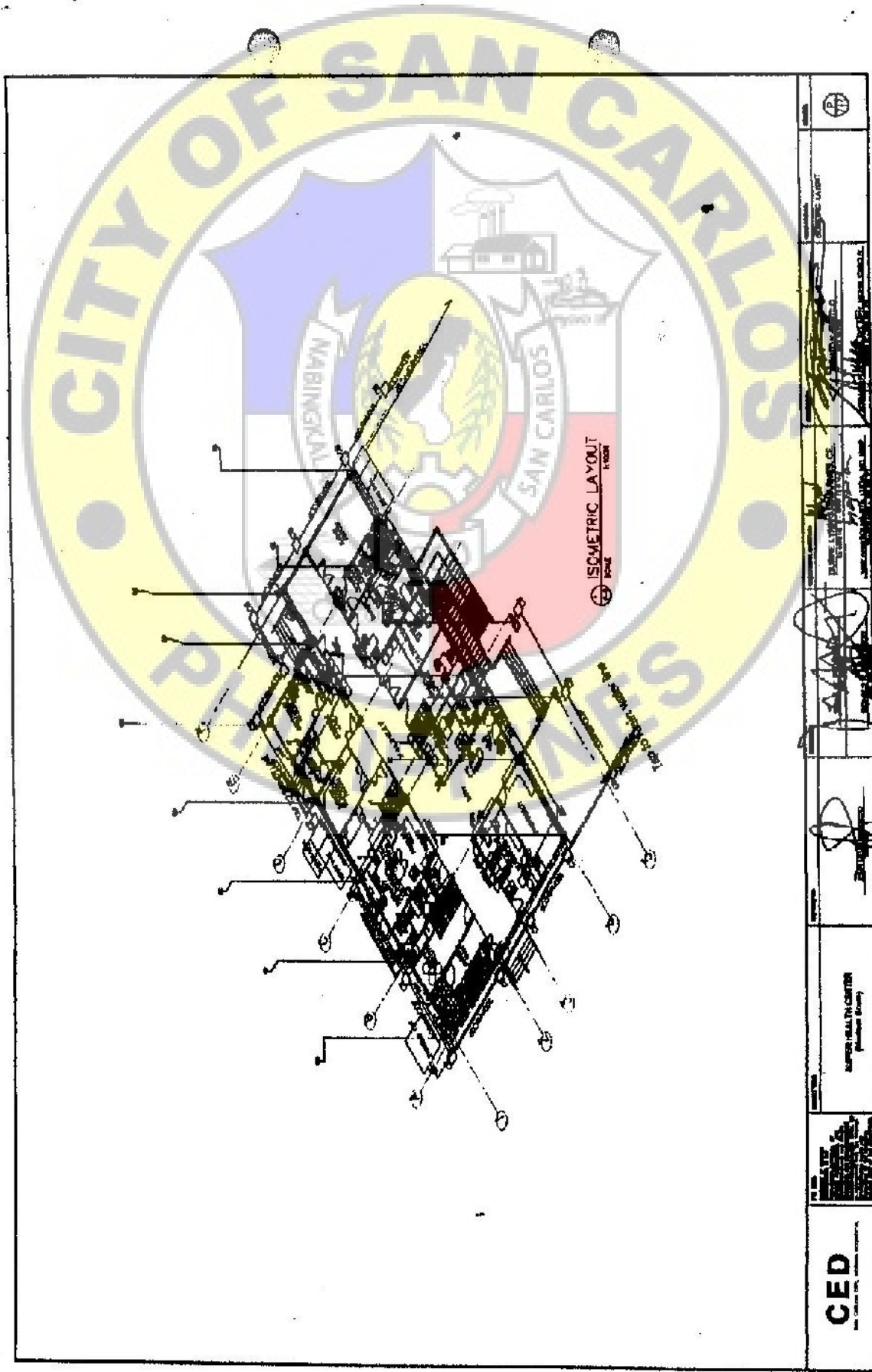
CED



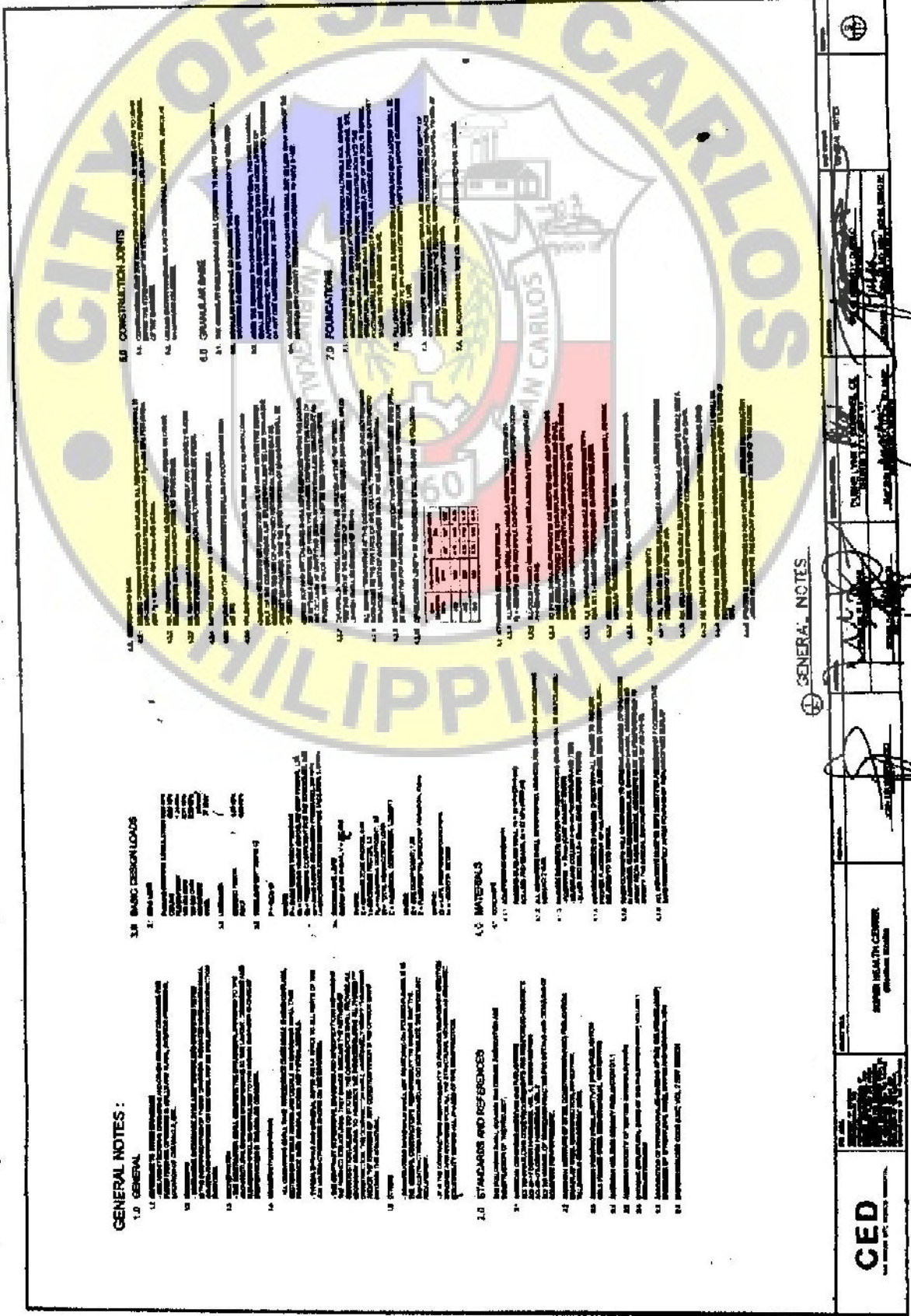
3

| | |
|---|--------------------|
|  | ROOF DRAIN LAYOUT |
|  | ENGINEER |
|  | ARCHITECT |
|  | PROJECT MANAGER |
|  | PROJECT SUPERVISOR |
|  | PROJECT ENGINEER |
|  | PROJECT ARCHITECT |

CED
 CONSULTING ENGINEERS & DESIGNERS



| | |
|---|---|
| | PROJECT NO. _____
DATE _____ |
| | DRAWN BY: _____
CHECKED BY: _____ |
| ENGINEER: _____
PROJECT TITLE: _____ | APPROVED BY: _____
DATE: _____ |
| | PROJECT TITLE: _____
PROJECT LOCATION: _____ |
| CED | PROJECT TITLE: _____
PROJECT LOCATION: _____ |



GENERAL NOTES :

1.0 GENERAL

- 1.1 All work shall be done in accordance with the approved plans and specifications.
- 1.2 All materials and workmanship shall conform to the standards and specifications mentioned herein.
- 1.3 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 1.4 The contractor shall maintain access to all existing utilities and structures at all times.
- 1.5 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 1.6 The contractor shall be responsible for the protection of all existing structures and utilities.
- 1.7 The contractor shall be responsible for the removal and disposal of all construction waste.
- 1.8 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 1.9 The contractor shall be responsible for the payment of all taxes and fees.
- 1.10 The contractor shall be responsible for the completion of all work within the specified time frame.

2.0 STANDARDS AND REFERENCES

- 2.1 All materials and workmanship shall conform to the standards and specifications mentioned herein.
- 2.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 2.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 2.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 2.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 2.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 2.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 2.8 The contractor shall be responsible for the payment of all taxes and fees.
- 2.9 The contractor shall be responsible for the completion of all work within the specified time frame.

3.0 BASIC DESIGN LOADS

- 3.1 All work shall be done in accordance with the approved plans and specifications.
- 3.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 3.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 3.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 3.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 3.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 3.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 3.8 The contractor shall be responsible for the payment of all taxes and fees.
- 3.9 The contractor shall be responsible for the completion of all work within the specified time frame.

4.0 MATERIALS

- 4.1 All materials shall conform to the standards and specifications mentioned herein.
- 4.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 4.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 4.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 4.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 4.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 4.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 4.8 The contractor shall be responsible for the payment of all taxes and fees.
- 4.9 The contractor shall be responsible for the completion of all work within the specified time frame.

4.1 CONSTRUCTION JOINTS

- 4.1.1 All construction joints shall be made in accordance with the approved plans and specifications.
- 4.1.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 4.1.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 4.1.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 4.1.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 4.1.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 4.1.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 4.1.8 The contractor shall be responsible for the payment of all taxes and fees.
- 4.1.9 The contractor shall be responsible for the completion of all work within the specified time frame.

6.0 CRANES AND BOOMS

- 6.1 All cranes and booms shall be used in accordance with the approved plans and specifications.
- 6.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 6.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 6.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 6.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 6.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 6.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 6.8 The contractor shall be responsible for the payment of all taxes and fees.
- 6.9 The contractor shall be responsible for the completion of all work within the specified time frame.

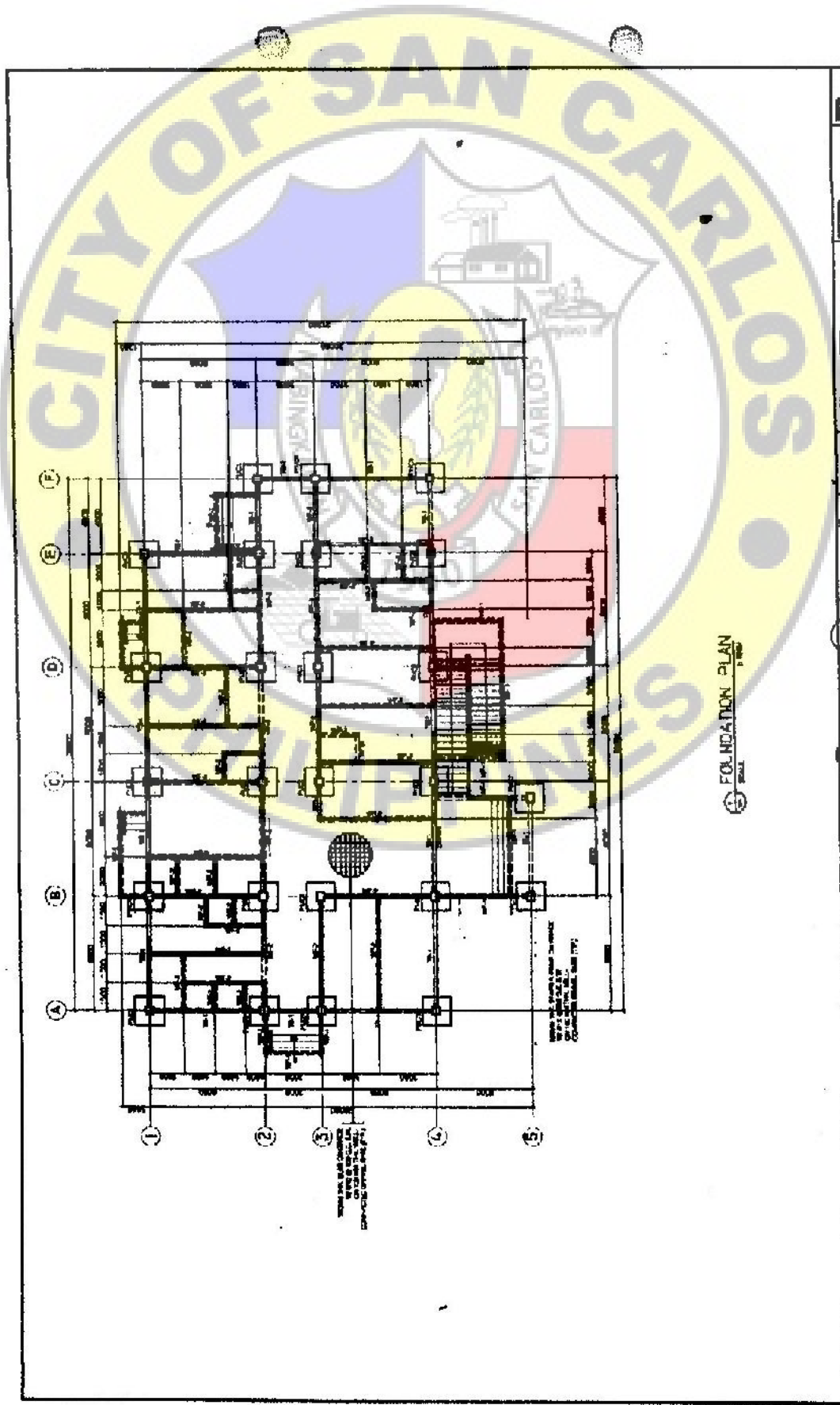
7.0 FOUNDATIONS

- 7.1 All foundations shall be made in accordance with the approved plans and specifications.
- 7.2 The contractor shall be responsible for obtaining all necessary permits and clearances from the appropriate authorities.
- 7.3 The contractor shall maintain access to all existing utilities and structures at all times.
- 7.4 The contractor shall be responsible for the safety of all workers and the public during the construction process.
- 7.5 The contractor shall be responsible for the protection of all existing structures and utilities.
- 7.6 The contractor shall be responsible for the removal and disposal of all construction waste.
- 7.7 The contractor shall be responsible for the maintenance of all construction equipment and vehicles.
- 7.8 The contractor shall be responsible for the payment of all taxes and fees.
- 7.9 The contractor shall be responsible for the completion of all work within the specified time frame.

| NO. | DESCRIPTION | UNIT | QTY. | AMOUNT |
|-----|---------------|----------------|------|--------|
| 1 | Excavation | m ³ | 100 | 10000 |
| 2 | Foundation | m ³ | 200 | 20000 |
| 3 | Concrete | m ³ | 300 | 30000 |
| 4 | Reinforcement | m ³ | 400 | 40000 |
| 5 | Formwork | m ² | 500 | 50000 |
| 6 | Crane | hr | 600 | 60000 |
| 7 | Boom | hr | 700 | 70000 |
| 8 | Foundation | hr | 800 | 80000 |
| 9 | Concrete | hr | 900 | 90000 |
| 10 | Reinforcement | hr | 1000 | 100000 |

GENERAL NOTES

| | | | | | |
|--|-------------------|-------------------------|------------------------|-------------|------------|
| | <p>CED</p> | <p>GENERAL ENGINEER</p> | <p>PROJECT MANAGER</p> | <p>DATE</p> | <p>NO.</p> |
|--|-------------------|-------------------------|------------------------|-------------|------------|

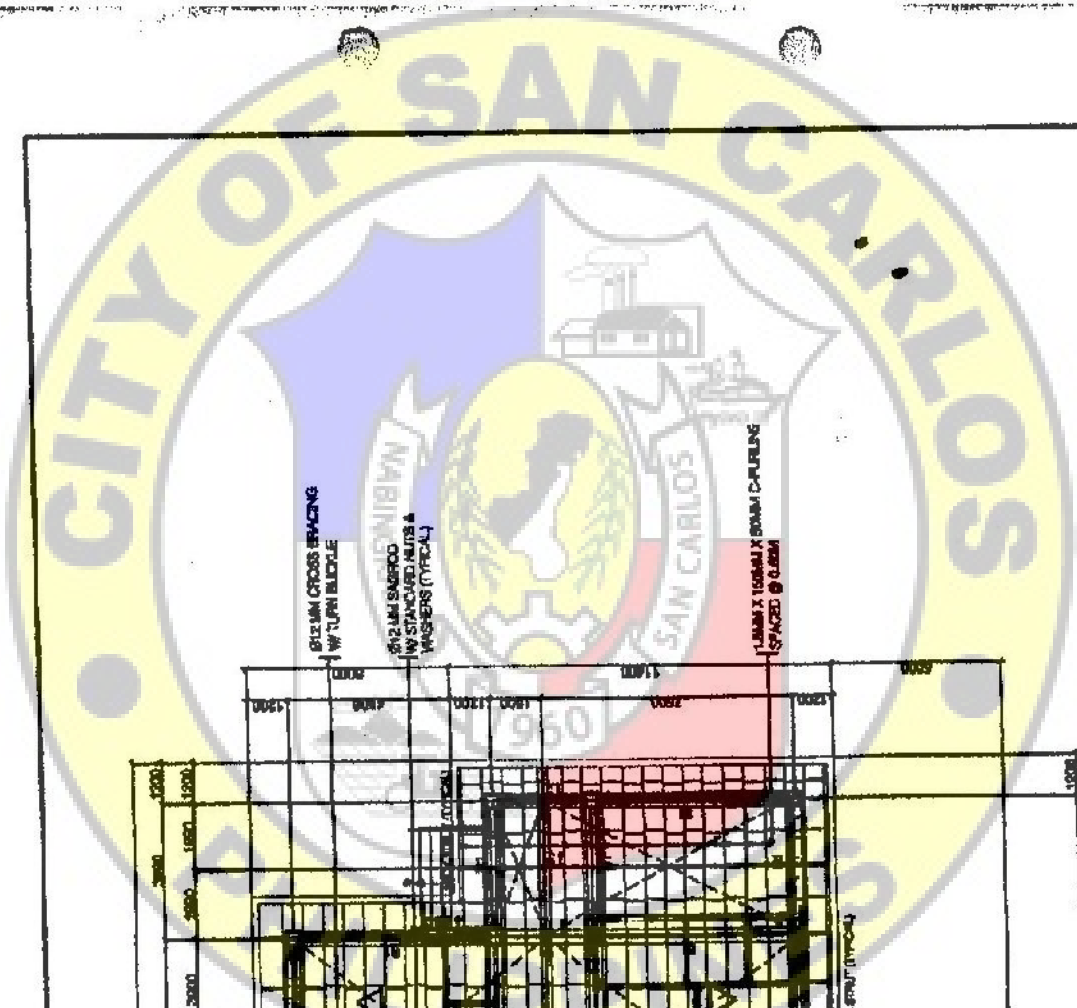


FOUNDATION PLAN
1 of 10

Handwritten notes and markings on the left side of the page, including a large '3' and some illegible scribbles.

| | | | | | |
|---------------------------------|-----------------------|--------------------------------|---------------------------|---------------------------------|--|
| | <p>DATE: 11/11/11</p> | <p>PROJECT: [Illegible]</p> | <p>SCALE: [Illegible]</p> | <p>DATE: 11/11/11</p> | |
| <p>DESIGNED BY: [Illegible]</p> | | <p>CHECKED BY: [Illegible]</p> | | <p>APPROVED BY: [Illegible]</p> | |
| <p>DATE: 11/11/11</p> | | <p>PROJECT: [Illegible]</p> | | <p>SCALE: [Illegible]</p> | |

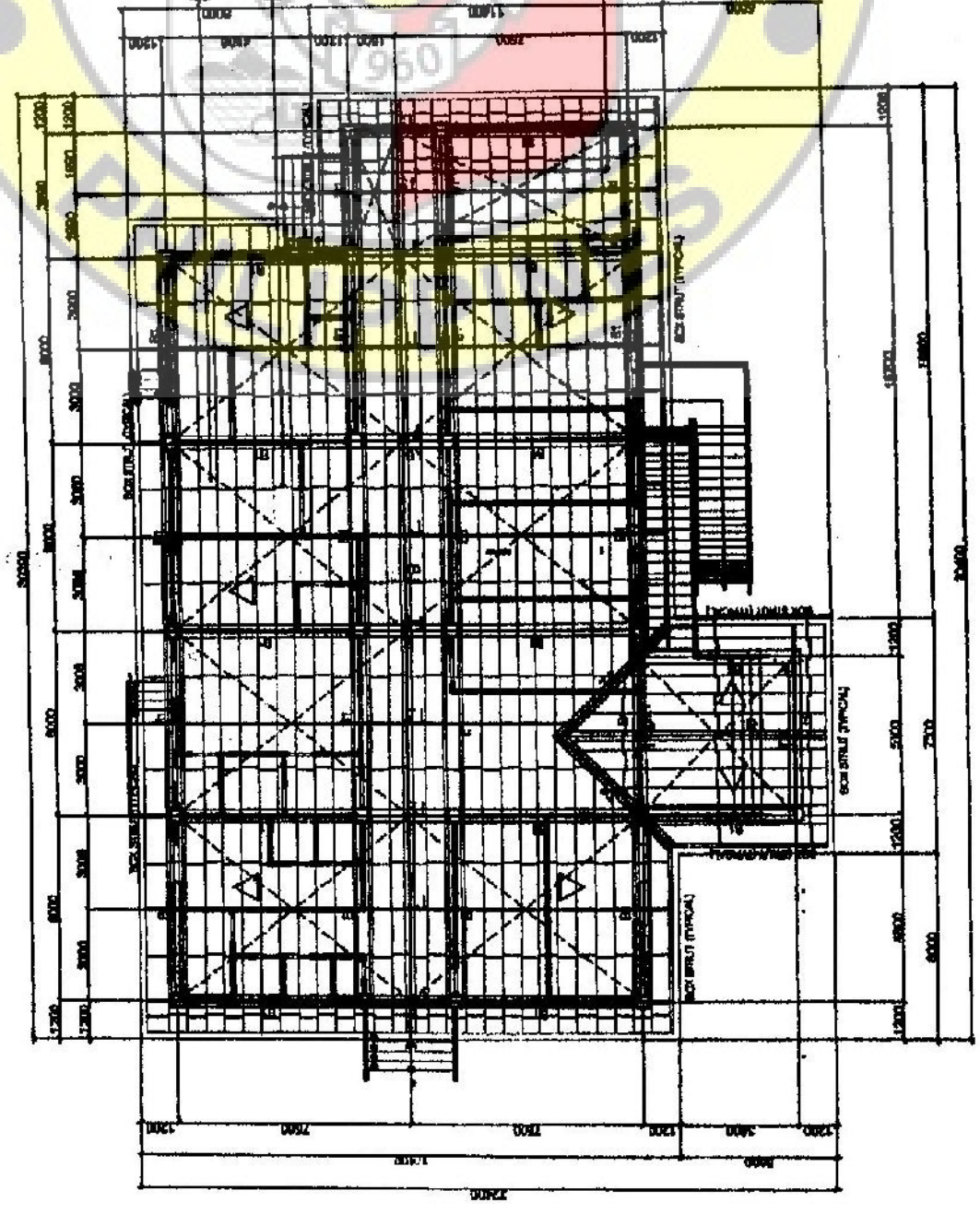
CED

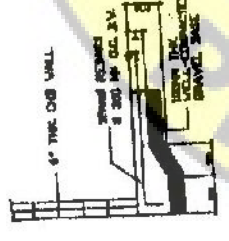
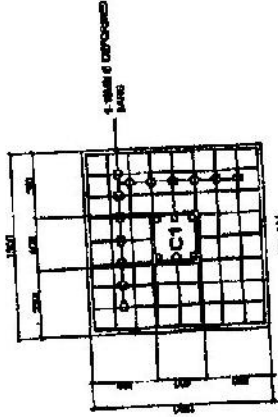
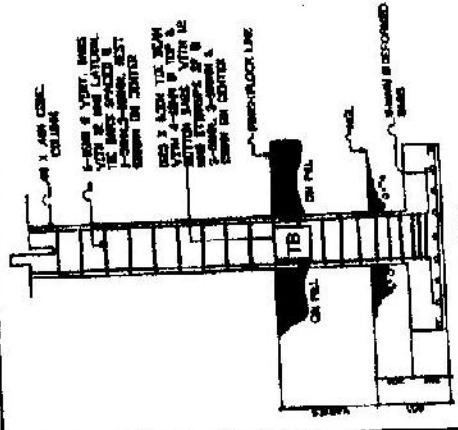


STEEL I-BEAM CROSS BRACING
W/ TYPICAL BRIDGE

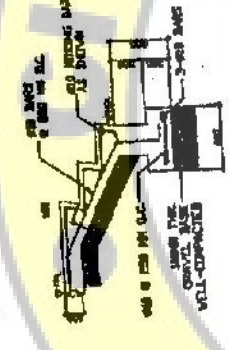
1/2" DIA. SCHEDULE
40 W/ STANDARD BOLTS &
WASHERS (TYPICAL)

1" DIA. X 10' DIA. X 8' DIA. C-PILE
(SPACED @ 6'-0")





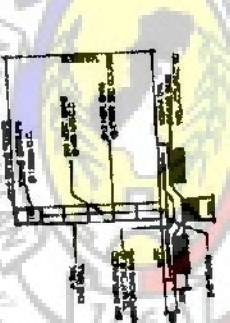
IVF SLAB ON GRADE DETAILS
SCALE: 1/8" = 1'-0"



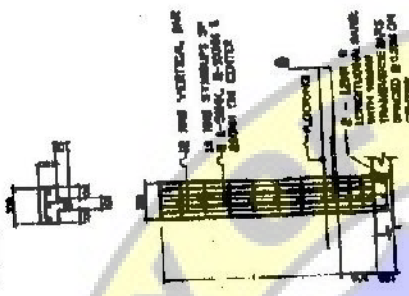
STAIRS ON GRADE
SCALE: 1/8" = 1'-0"



WF1 EXTERIOR WALL DETAILS
SCALE: 1/8" = 1'-0"



WF2 INTERIOR WALL DETAILS
SCALE: 1/8" = 1'-0"



STIFFENER - 1
SCALE: 1/8" = 1'-0"



STIFFENER - 2
SCALE: 1/8" = 1'-0"

SCHEDULE OF FOOTING
SCALE: 1/8" = 1'-0"

| F | ELEVATOR | SIZE | MATERIALS |
|----|-------------------------------------|-----------------------|--|
| F1 | BASE LEO FROM FOUNDATION (CONCRETE) | 1'-0" x 1'-0" x 1'-0" | 3" CONC. (MINIMUM) WITH 4" REIN. (MINIMUM) |

SCHEDULE OF COLUMN
SCALE: 1/8" = 1'-0"

| C | REMARKS | SIZE | LATERAL TIE |
|----|----------------------|---------|--|
| C1 | 6" DIA. VERTICAL BAR | 6" DIA. | 6" DIA. SPACED @ 18" (MINIMUM) WITH 4" REIN. (MINIMUM) |

SCHEDULE OF COLUMN
SCALE: 1/8" = 1'-0"

| NO. | DESCRIPTION | REMARKS |
|-----|-----------------|---|
| 1 | CONCRETE COLUMN | CONCRETE COLUMN WITH 4" REIN. (MINIMUM) |
| 2 | STEEL COLUMN | STEEL COLUMN WITH 4" REIN. (MINIMUM) |

CED

REGISTERED PROFESSIONAL ENGINEER

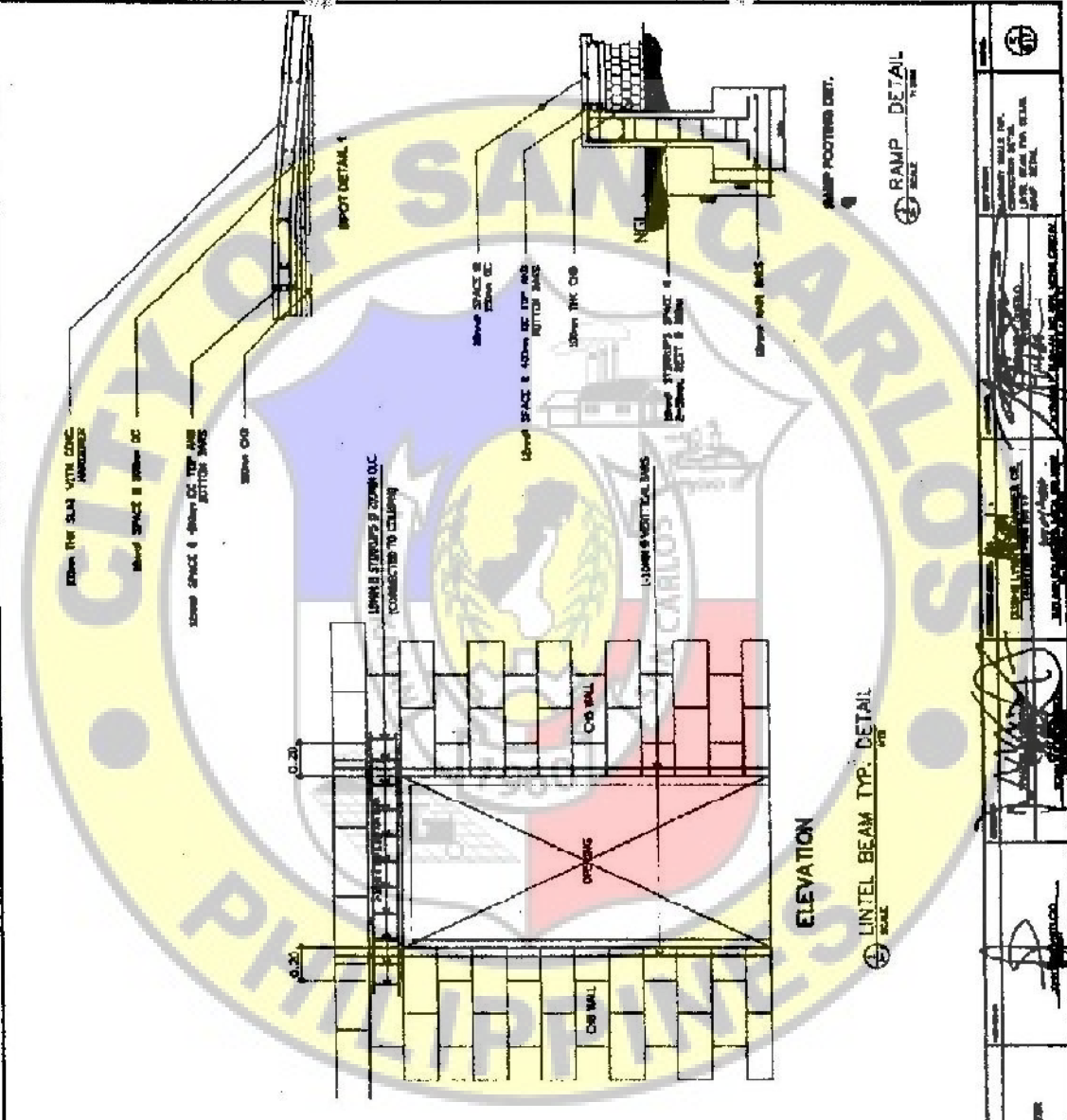
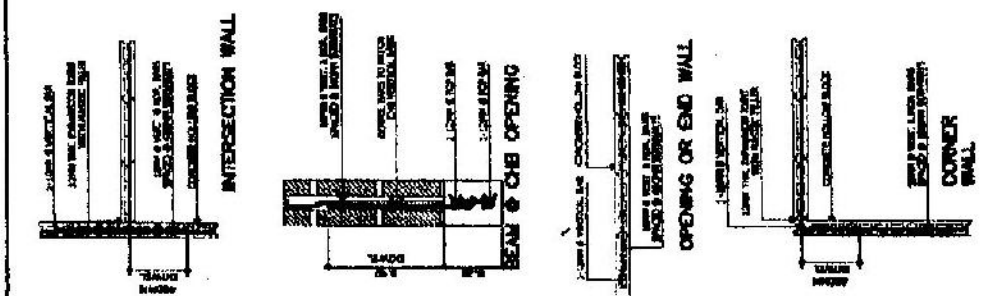
STATE OF CALIFORNIA

NO. 12345

DATE: 10/10/2023

PROJECT: [REDACTED]

SCALE: 1/8" = 1'-0"



CE

 CED

 MASONRY WALLS TYP. CONNECTION DETAIL

 1/8" = 1'-0"

 DATE:

 DESIGNED BY:

 CHECKED BY:

 APPROVED BY:

 SCALE:

 PROJECT:

 SHEET NO.

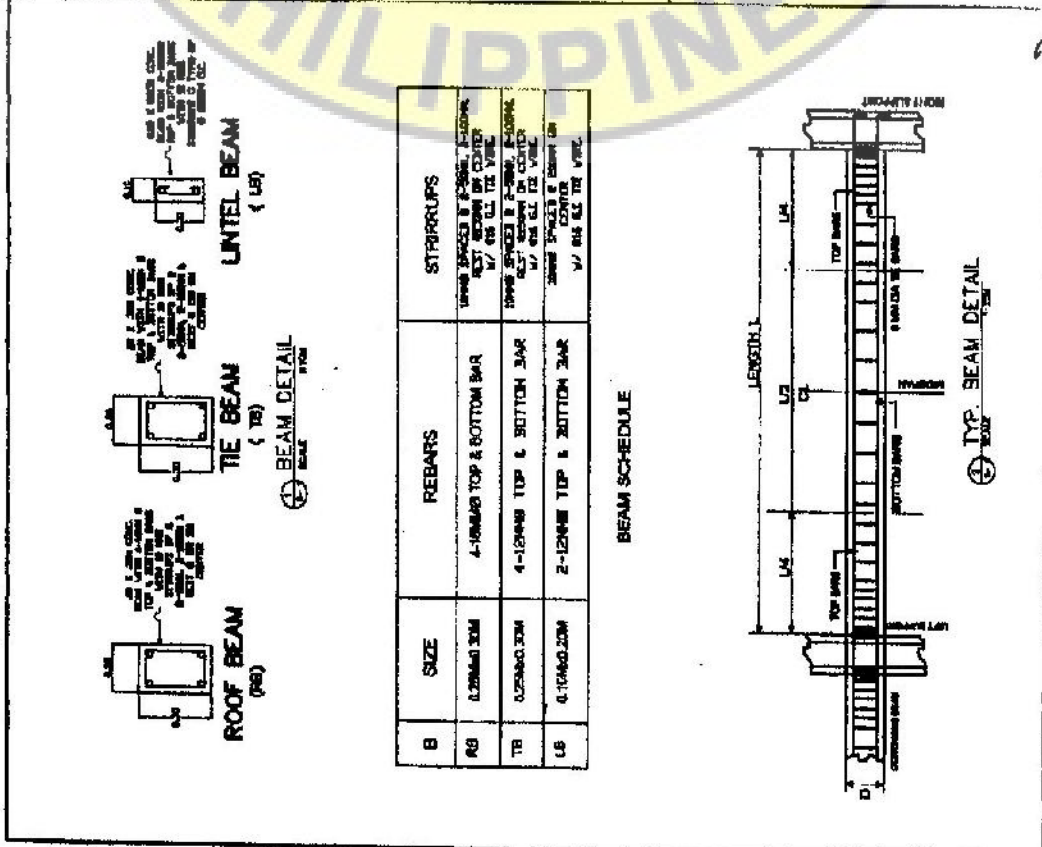
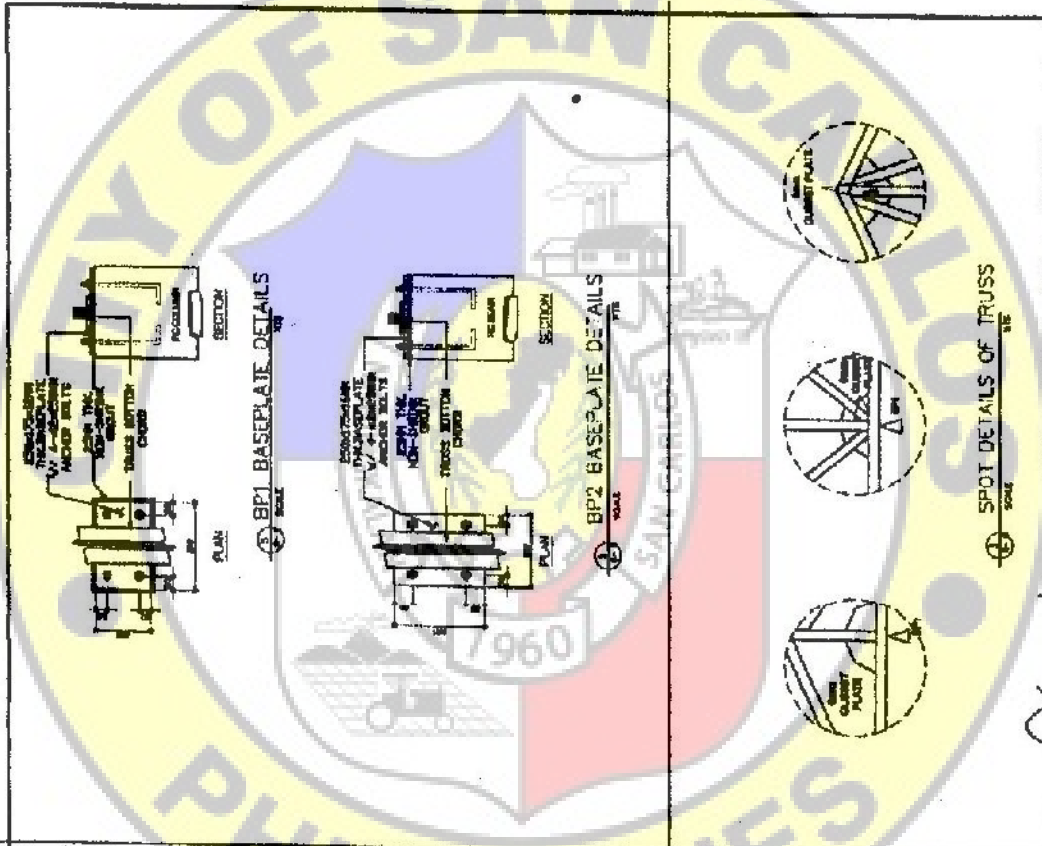
 OF

 SHEETS

 11

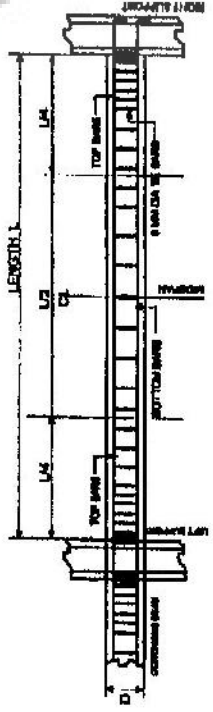
 12

| | | |
|---|---------------------------------|--|
| | | |
| CITY OF SAN CARLOS
PUBLIC WORKS DEPARTMENT | CED
CIVIL ENGINEERING DESIGN | SAN CARLOS HEALTH CENTER
PROJECT NUMBER |
| PROJECT: | SHEET NO.: | OF SHEETS: |
| DATE: | DESIGNED BY: | CHECKED BY: |
| APPROVED BY: | SCALE: | |



BEAM SCHEDULE

| B | SIZE | REBARS | STIRRUPS |
|----|------------|---------------------------|---|
| RB | 0.20x0.30M | 4-10#4@8 TOP & BOTTOM BAR | 10#4 @ 150mm & 20#4 @ 150mm. PLACING NEXT ABOVE BY CENTER W/ 40% TO THE VERT. |
| TB | 0.25x0.30M | 4-12#4@8 TOP & BOTTOM BAR | 10#4 @ 150mm & 20#4 @ 150mm. PLACING NEXT ABOVE BY CENTER W/ 40% TO THE VERT. |
| UB | 0.10x0.20M | 2-12#4@8 TOP & BOTTOM BAR | 20#4 @ 150mm & 10#4 @ 150mm. PLACING NEXT ABOVE BY CENTER W/ 40% TO THE VERT. |



SPOT DETAILS OF TRUSS

SCALE: 1/4" = 1'-0"

TYP. BEAM DETAIL

SCALE: 1/4" = 1'-0"

DESIGNED BY: *[Signature]*

CHECKED BY: *[Signature]*

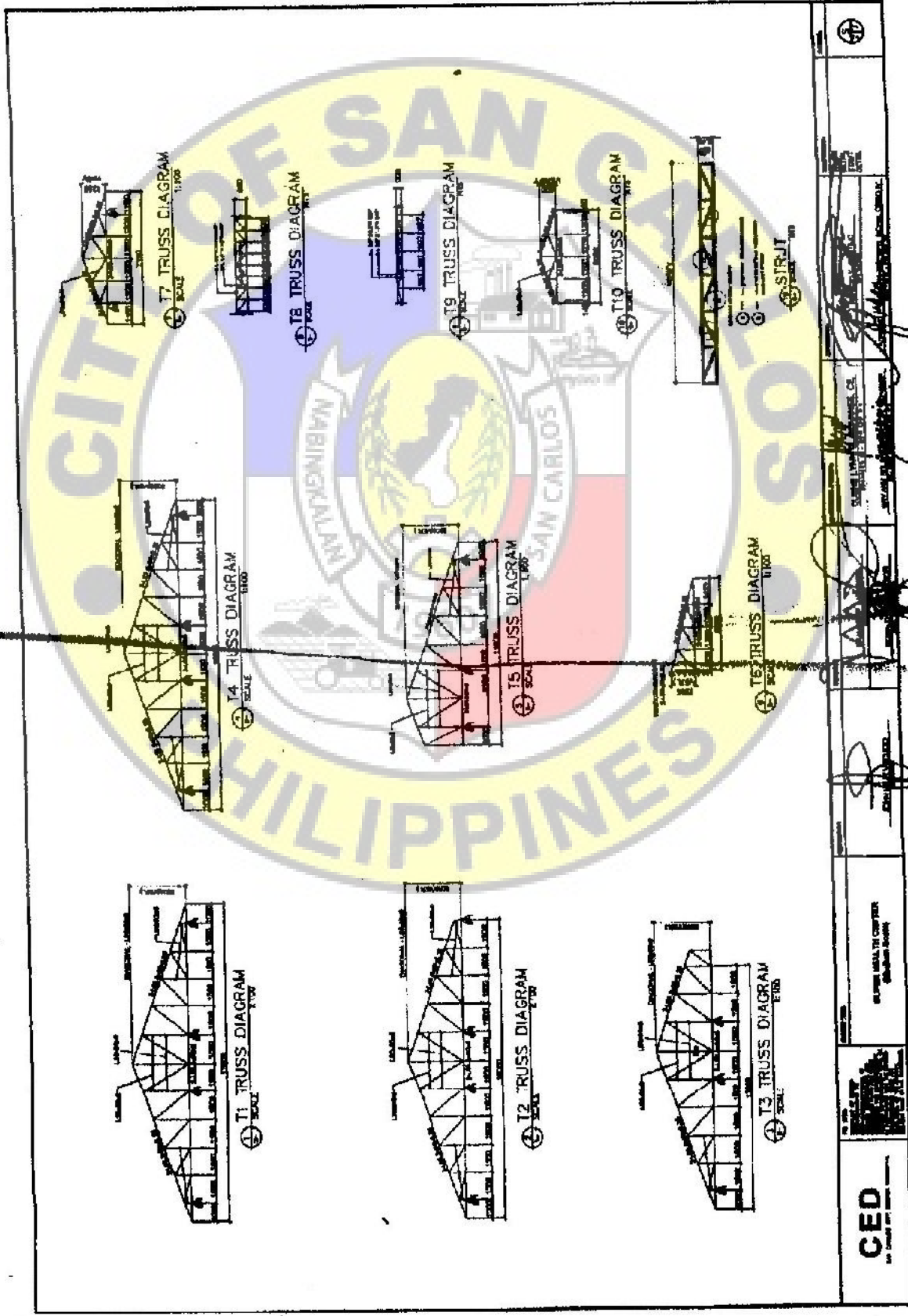
DATE: *[Date]*

PROJECT: *[Project Name]*

DRAWING NO.: *[Drawing No.]*

SHEET NO.: *[Sheet No.]*

CEDE



CED
Civil Engineering Design

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

DATE: [Date]

PROJECT: [Project Name]

SCALE: [Scale]