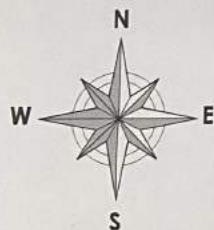


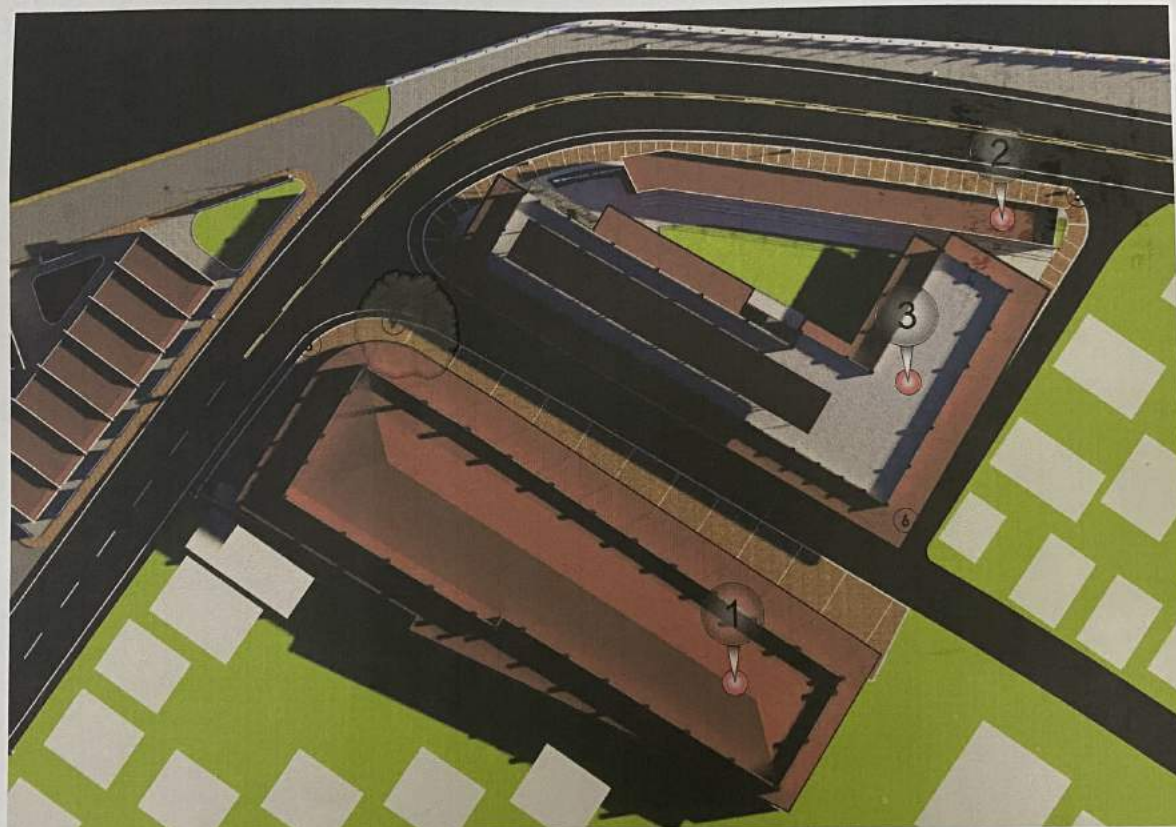


LOCATION MAP



LEGEND :

1	• MARKET STALL PHASE - 1
2	• MARKET STALL PHASE - 2 (MAIN MARKET)
3	• MARKET STALL PHASE - 3 SCHEMATIC DETAIL



SITE DEVELOPMENT PLAN

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL
SORSOOGON CITY

LAND USE AND ZONING

LINE AND GRADE

ARCHITECTURAL

STRUCTURAL

PLUMBING

SANITARY

ELECTRICAL

MECHANICAL



SORSOGON CITY

CITY ENGINEER'S
OFFICE

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST, SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DIMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

A-1A

TABLE OF CONTENTS: MAIN MARKET BUILDING

(A-01)	• LOCATION MAP • TABLE of CONTENTS • SITE DEVELOPMENT PLANS • PERSPECTIVE	(E-01)	• ELECTRICAL LEGEND • KEY PLAN
(A-02)	• PERSPECTIVE	(E-02)	• BLOW - UP for BLOW - UP PLAN POWER LAYOUT
(A-03)	• ARCHITECTURAL FLOOR PLAN	(E-03)	• BLOW - UP for BLOW - UP PLAN POWER LAYOUT
(A-04)	• ARCHITECTURAL ROOF PLAN	(E-04)	• BLOW - UP for BLOW - UP PLAN LIGHTING LAYOUT
(A-05)	• BLOW - UP PLAN - 1	(E-05)	• BLOW - UP for BLOW - UP PLAN LIGHTING LAYOUT
(A-06)	• BLOW - UP PLAN - 2	(E-06)	• RISER DIAGRAM and SCHEDULE OF LOADS
(A-07)	• LEFT and RIGHT SIDE VIEW ELEVATION		
(A-08)	• LEFT SIDE VIEW (BLOW-UP PLAN)		
(A-09)	• RIGHT SIDE VIEW (BLOW-UP PLAN)		
(A-10)	• FRONT and REAR VIEW ELEVATION • RAILING DETAIL		
(A-11)	• SCHEDULE OF DOORS and WINDOW		
(A-12)	• BLOW - PLAN of STALL		
(A-13)	• SIGNAGE (PRE-CAST LETTER)		
(S-01)	• COLUMN and FOOTING LAYOUT and DETAIL		
(S-02)	• BEAM LAYOUT and DETAIL		
(S-03)	• CANOPY DETAIL		
(P-01)	• PLUMBING LEGEND • KEY PLAN		
(P-02)	• CLEAN WATER LAYOUT		
(P-03)	• STORM DRAINAGE BLOW - UP LAYOUT		
(P-04)	• STORM DRAINAGE BLOW - UP LAYOUT		
(P-05)	• SANITARY LAYOUT		
(P-06)	• PLUMBING DETAIL		

TABLE OF CONTENTS: MARKET EXTENSION BUILDING

(A-01)	• PERSPECTIVE	(E-01)	• ELECTRICAL LEGEND • KEY PLAN
(A-02)	• ARCHITECTURAL GROUND FLOOR PLAN	(E-02)	• BLOW - UP for BLOW - UP PLAN POWER LAYOUT
(A-03)	• ARCHITECTURAL ROOF DECK PLAN	(E-03)	• BLOW - UP for BLOW - UP PLAN POWER LAYOUT
(A-04)	• BLOW - UP PLAN - 1 • SCHEDULE OF DOORS and WINDOW	(E-04)	• BLOW - UP for BLOW - UP PLAN LIGHTING LAYOUT
(A-05)	• BLOW - UP PLAN - 2 • BLOW - UP PLAN of STALL	(E-05)	• BLOW - UP for BLOW - UP PLAN LIGHTING LAYOUT
(A-06)	• FRONT and REAR VIEW ELEVATION	(E-06)	• RISER DIAGRAM and SCHEDULE OF LOADS
(A-07)	• LEFT and RIGHT SIDE VIEW ELEVATION		
(A-08)	• SIGNAGE (PRE-CAST LETTER) • BLOW - UP RAILING		
(S-01)	• COLUMN and FOOTING LAYOUT and DETAIL		
(S-02)	• BEAM LAYOUT and DETAIL		
(S-03)	• CANOPY DETAIL		
(S-03)	• STAIR and OUTDOOR STALL DETAIL		
(P-01)	• PLUMBING LEGEND • KEY PLAN		
(P-02)	• CLEAN WATER LAYOUT		
(P-03)	• STORM DRAINAGE BLOW - UP LAYOUT		
(P-04)	• STORM DRAINAGE BLOW - UP LAYOUT		
(P-05)	• SANITARY LAYOUT		
(P-06)	• PLUMBING DETAIL		

TECHNICAL DISCRPTION : LOT AREA

M A I N M A R K E T

LINE	BEARING	DISTANCE
1 - 2	S 35° 01' E	15.29 m
2 - 3	N 65° 17' W	10.79 m
3 - 4	N 62° 20' W	52.47 m
4 - 5	N 38° 59' E	03.37 m
5 - 6	N 86° 57' E	03.95 m
6 - 7	N 63° 08' E	11.99 m
7 - 8	N 44° 05' E	16.30 m
8 - 9	N 72° 28' E	04.65 m
9 - 1	S 60° 16' E	76.04 m

TECHNICAL DISCRPTION : LOT AREA

M A R K E T E X T E N S I O N

LINE	BEARING	DISTANCE
1 - 2	N 69° 59' E	23.22 m
2 - 3	S 48° 03' E	91.43 m
3 - 4	S 54° 10' W	10.56 m
4 - 5	S 48° 20' W	41.98 m
5 - 6	N 00° 34' E	33.48 m
6 - 7	N 33° 52' E	48.27 m
7 - 8	N 13° 17' W	08.88 m
8 - 9	N 13° 17' W	15.50 m
9 - 1	N 13° 17' W	47.80 m



SORSOGON CITY

CITY ENGINEER'S
O F F I C E

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC. BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO

A-1B



LEGEND:

1	• MARKET STALL PHASE - 1
2	• MARKET STALL PHASE - 2 (MAIN MARKET)
3	• MARKET STALL PHASE - 3 SCHEMATIC DETAIL

A E R I A L P E R S P E C T I V E



SORSOGON CITY

**CITY ENGINEER'S
O F F I C E**

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL Aide

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

A-01



P E R S P E C T I V E o f M A I N M A R K E T



SORSOGON CITY

CITY ENGINEER'S
O F F I C E

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

[Signature]

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

[Signature]
ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:

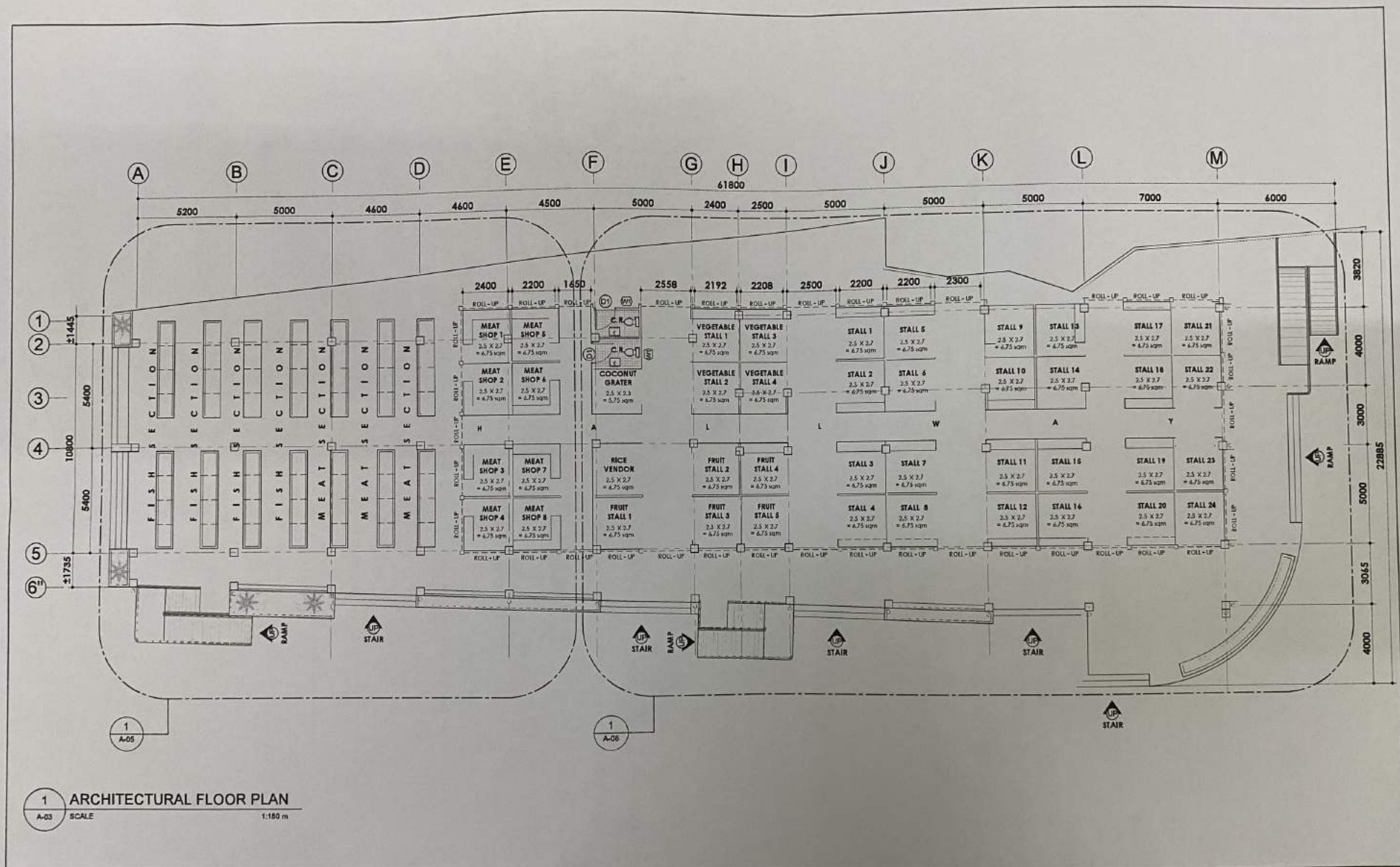
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MA. ESTER E. HAMOR
CITY MAYOR

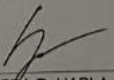
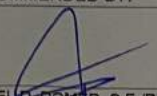
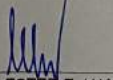
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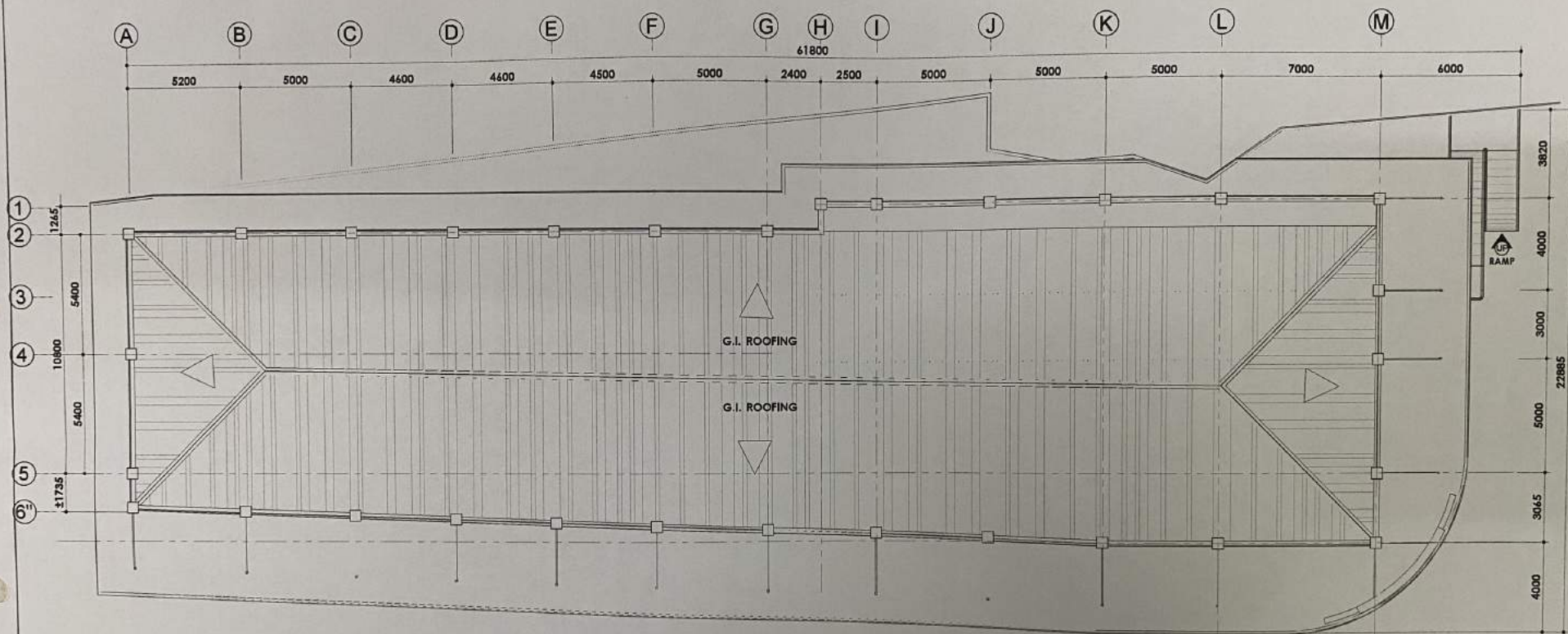
AS SHOWN

SHEET NO.

A-02



 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE: IMPROVEMENT and REHABILITATION OF PUBLIC MARKET LOC: BRGY. POBLACION, SITIO PIGABUNAN, BACON DIST., SORSOGON CITY	DRAWN BY:  IZRA D. HABLA ARCHITECTURAL AIDE	RECOMMENDED BY:  ROELITO D. DIMER, C.E./RMP CIC-CITY ENGINEER	APPROVED BY:  MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS SHOWN	SHEET NO. A-03
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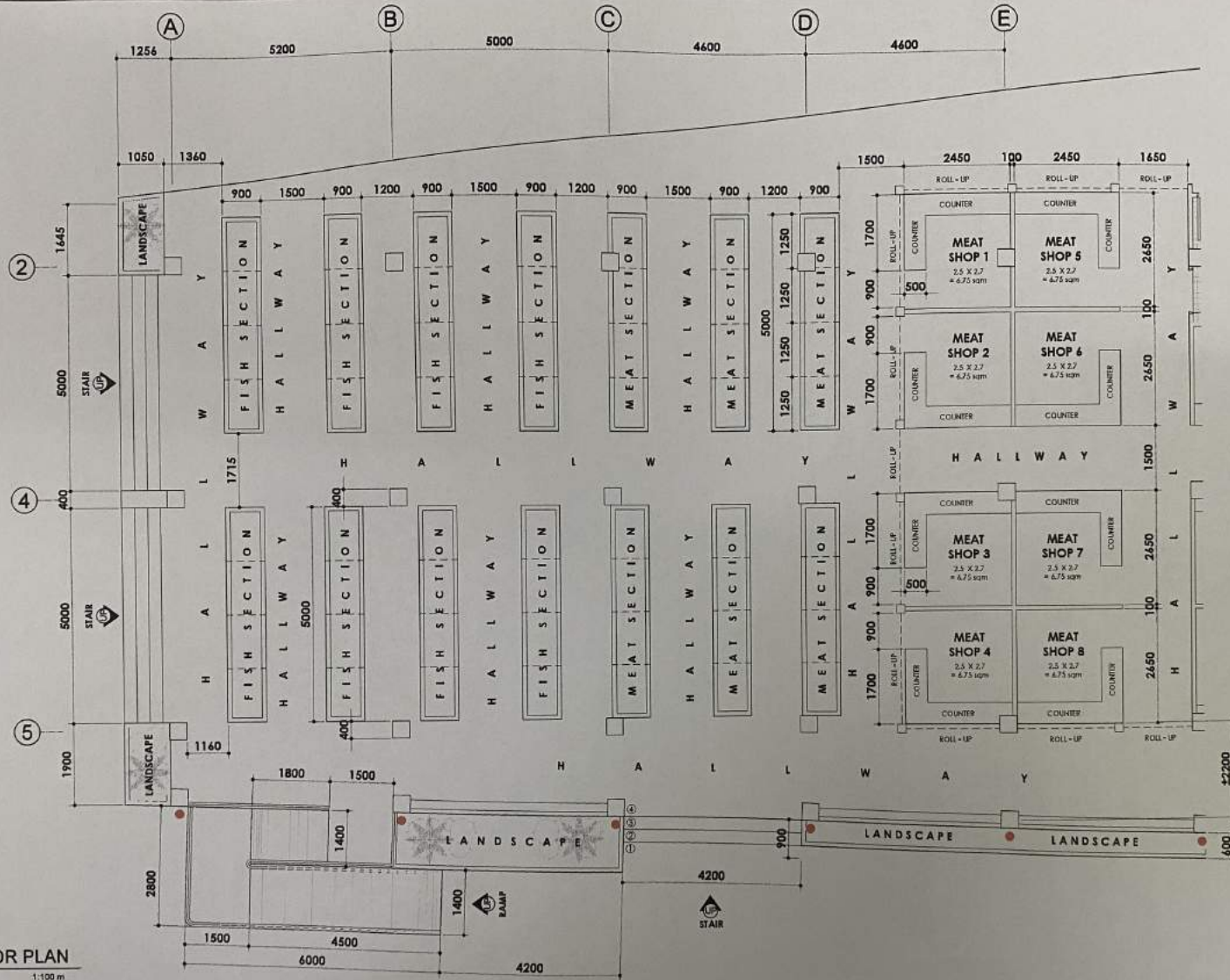
1 ARCHITECTURAL ROFO PLAN
A-04 SCALE 1:180 m



SORSOGON CITY
CITY ENGINEER'S
OFFICE

LAYOUT.dwg
Feb 13 2022 - 7:34pm

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL Aide	ROEL D. DOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	A-04
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY					



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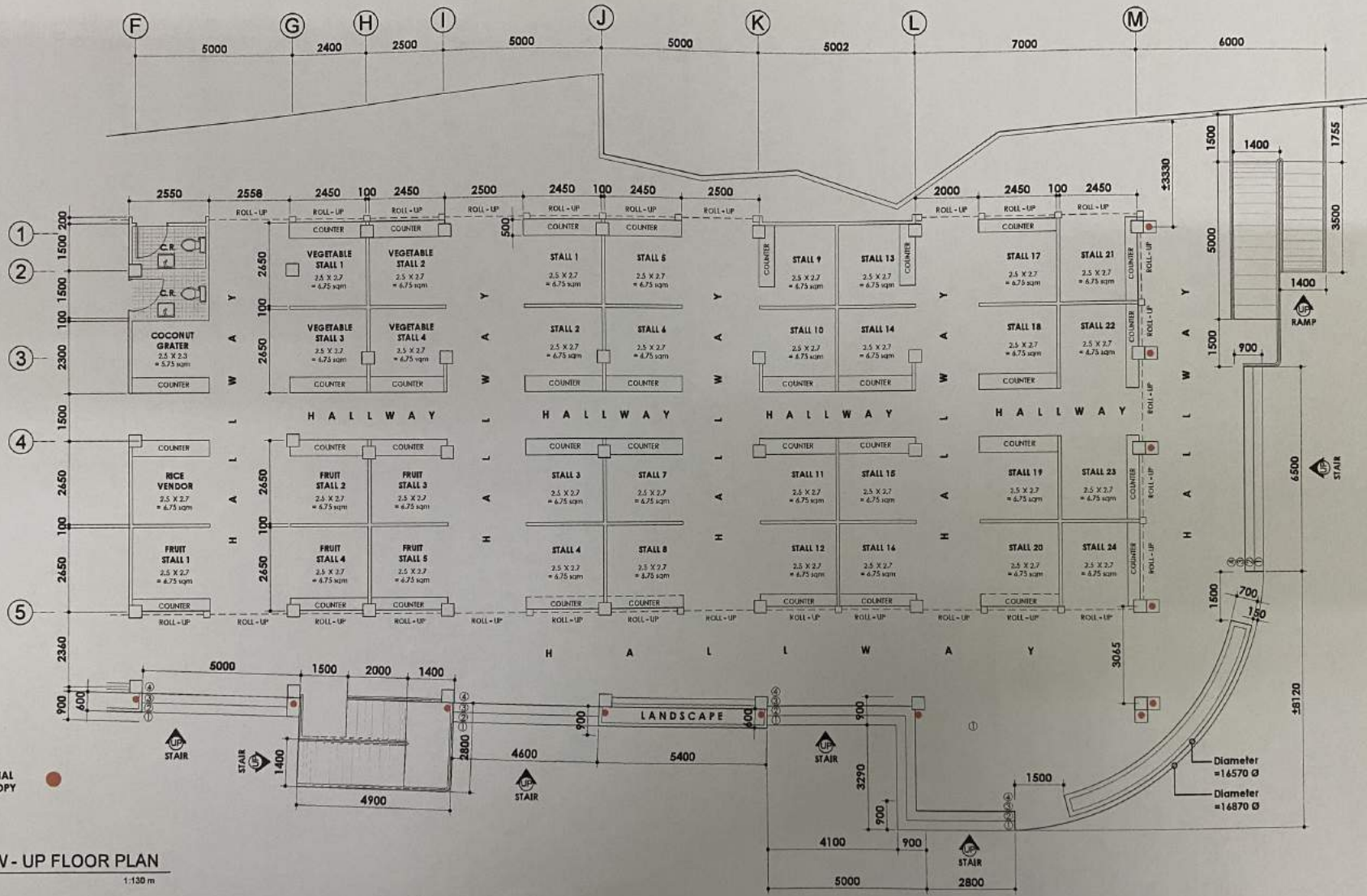
- G.I. PIPE DIAGONAL SUPPORT @ CANOPY

1 BLOW - UP FLOOR PLAN
A-05 SCALE 1:100 m



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	A-05
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY					



SORSOGON CITY

**CITY ENGINEER'S
OFFICE**

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. BOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

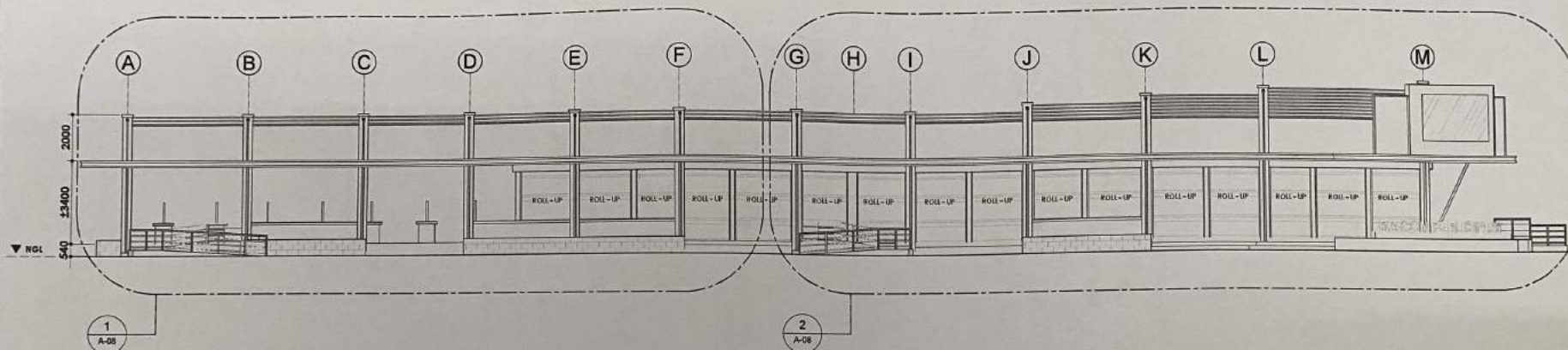
MA. ESTER E. HAMOR
CITY MAYOR

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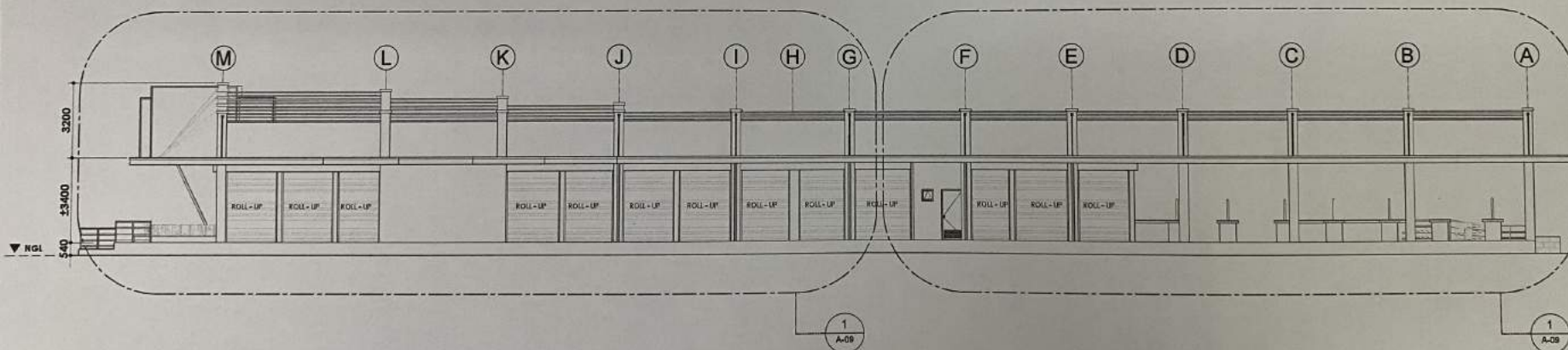
AS SHOWN

SHEET NO.

A-06



1 LEFT SIDE EXTERIOR ELEVATION
A-07 SCALE NTS.



2 RIGHT SIDE EXTERIOR ELEVATION
A-07 SCALE NTS.



SORSOGON CITY

CITY ENGINEER'S
OFFICE

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

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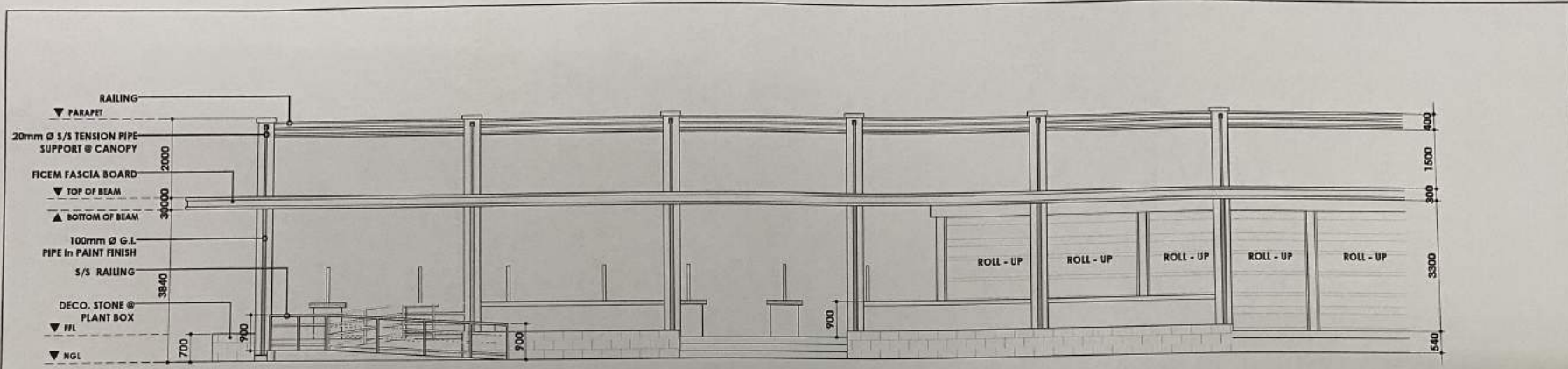
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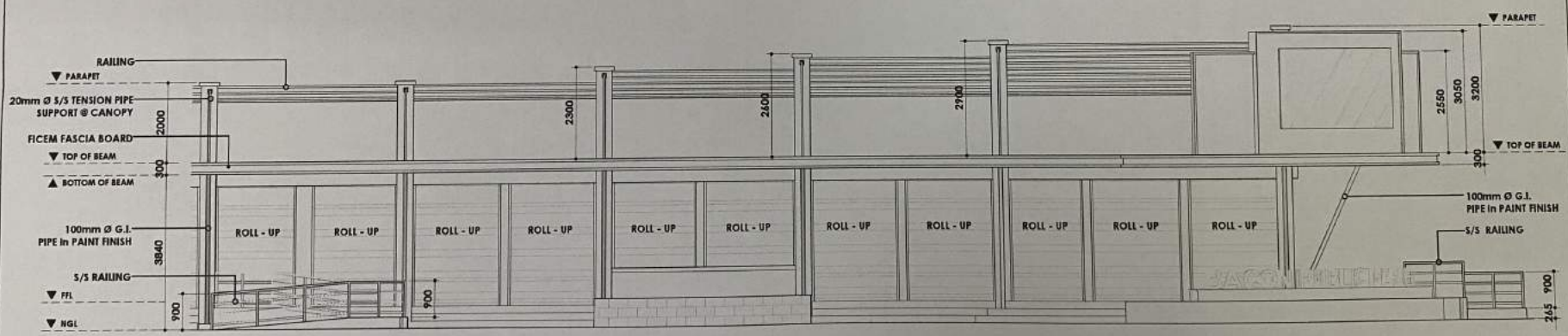
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LAYOUT.dwg

Feb 13 2022 - 7:34pm



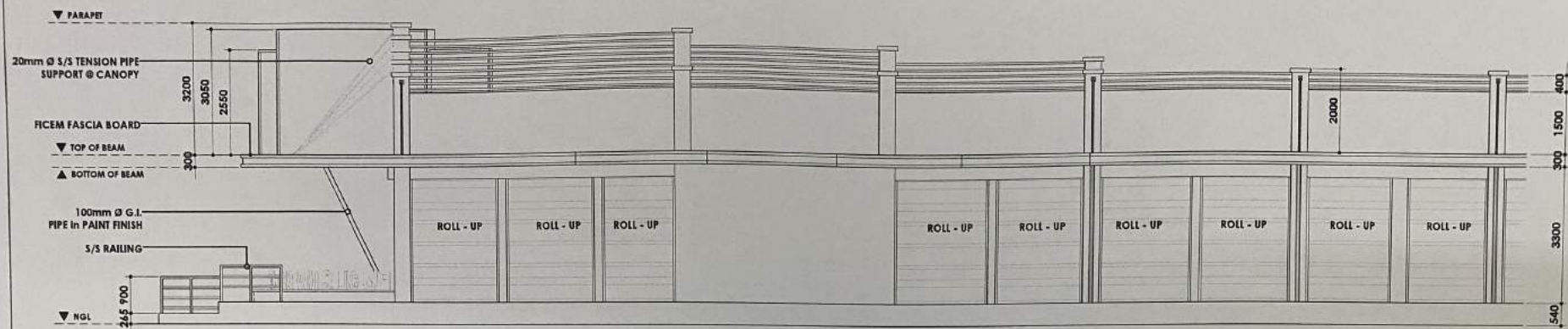
1 BLOW - UP EXTERIOR ELEVATION
A-08 SCALE 1:100 m



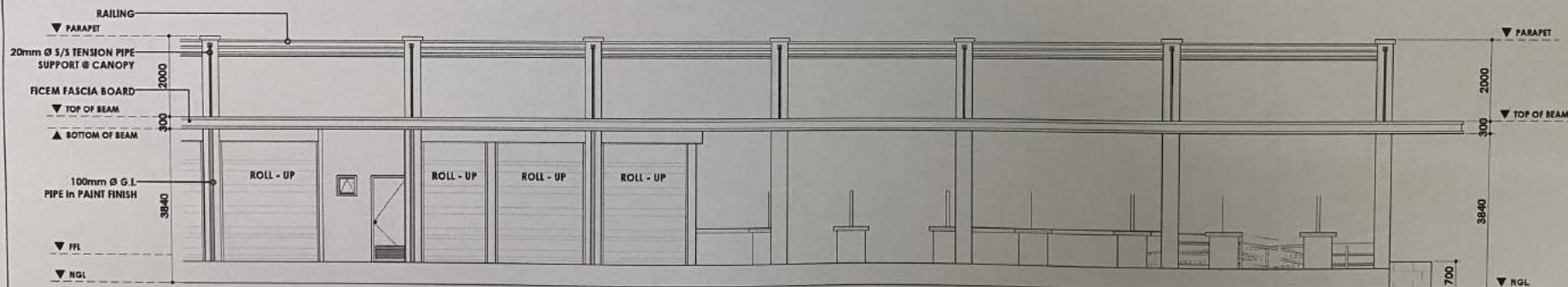
2 BLOW - UP EXTERIOR ELEVATION
A-08 SCALE 1:100 m

LEFT SIDE EXTERIOR ELEVATION

	SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE: IMPROVEMENT and REHABILITATION OF PUBLIC MARKET LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST. SORSOGON CITY	DRAWN BY: IZRA D. HABLA ARCHITECTURAL AIDE	RECOMMENDED BY: ROEL D. DOMER, C.E./RMP CITY ENGINEER	APPROVED BY: MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS SHOWN	SHEET NO. A-08
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1 BLOW - UP EXTERIOR ELEVATION
A-09 SCALE 1:100 m



2 BLOW - UP EXTERIOR ELEVATION
A-09 SCALE 1:100 m

RIGHT SIDE EXTERIOR ELEVATION



SORSOGON CITY

CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL A/E

RECOMMENDED BY:

ROEL D. DOMER, CE./RMP
CITY ENGINEER

APPROVED BY:

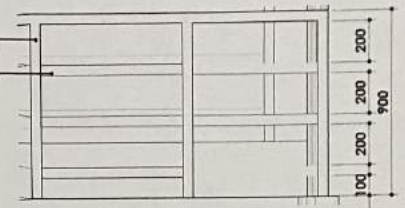
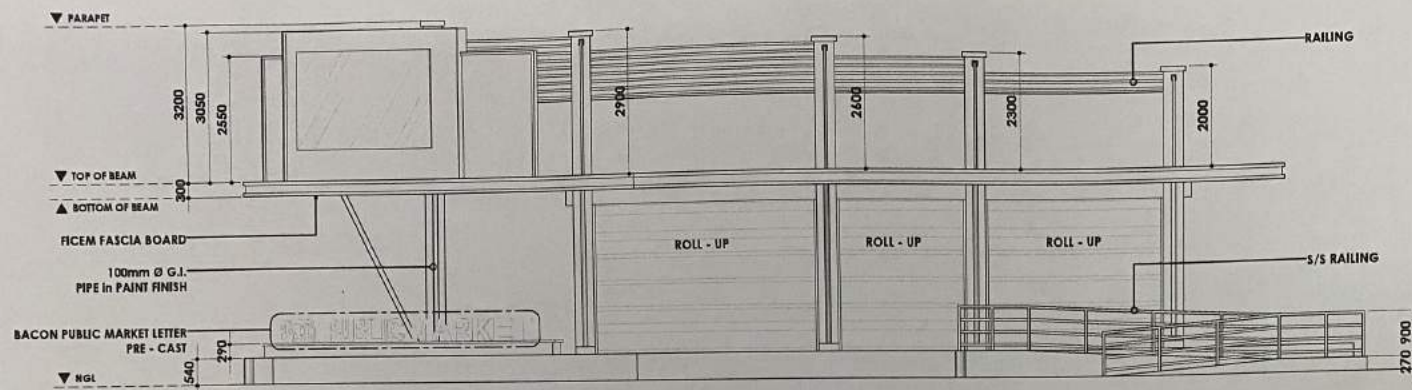
MA. ESTER E. HAMOR
CITY MAYOR

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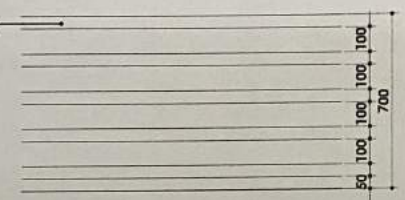
AS SHOWN

SHEET NO.

A-09

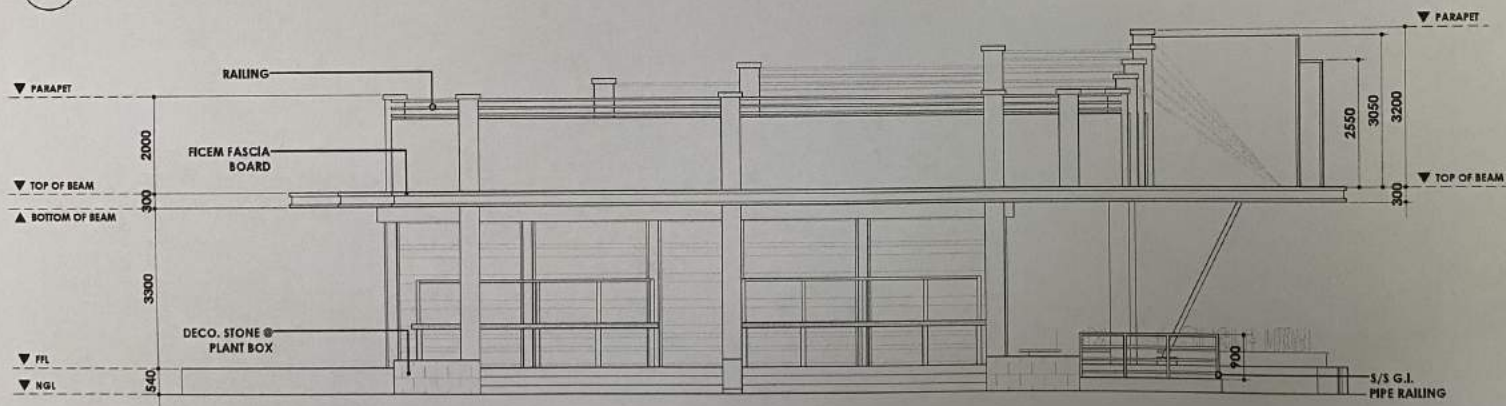


**RAILING DETAIL @
STAIR and RAMP UP**

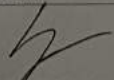


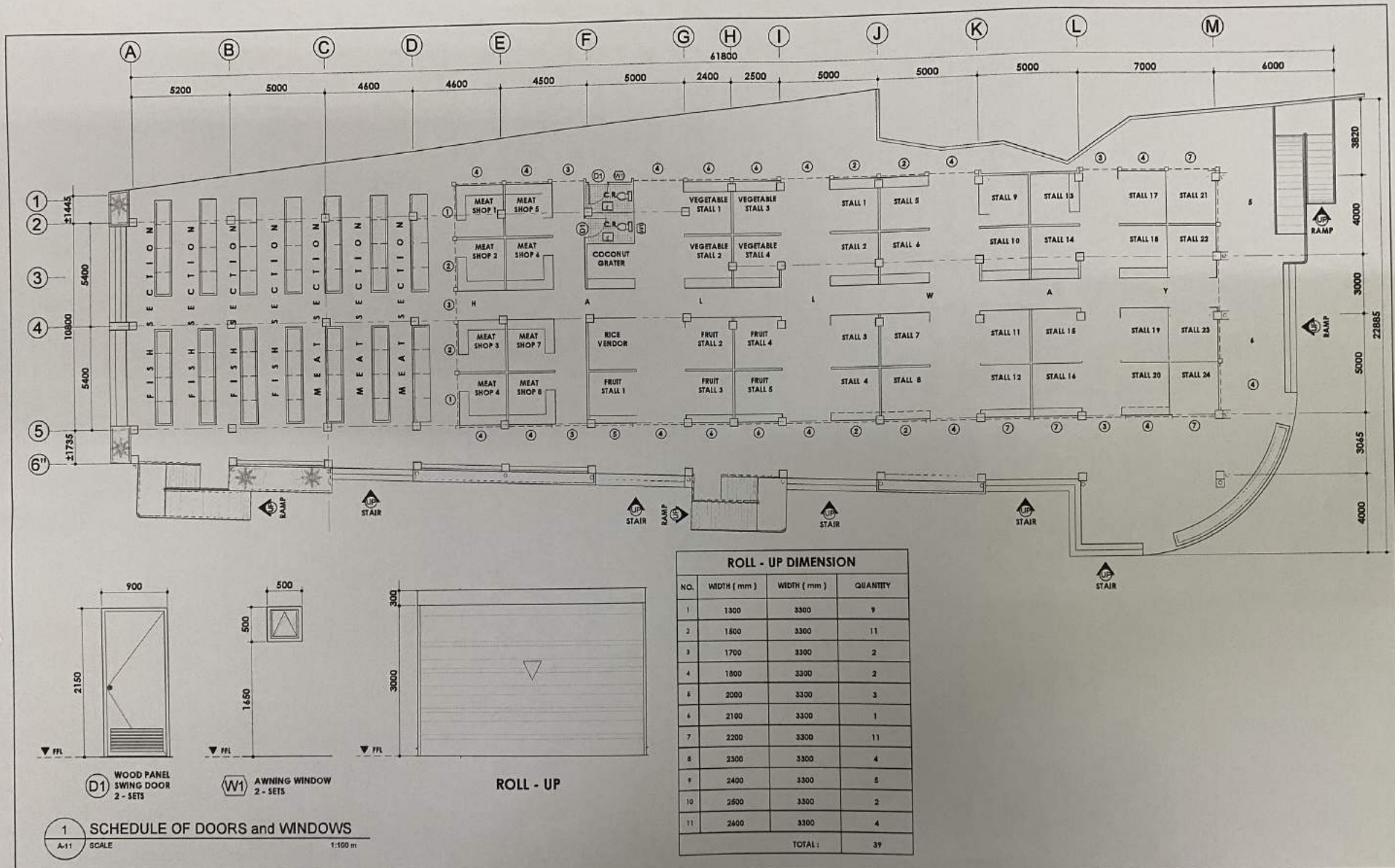
**RAILING DETAIL @
PARAPET**

1 BLOW - UP EXTERIOR ELEVATION
A-10 SCALE 1:100 m



2 BLOW - UP EXTERIOR ELEVATION
A-10 SCALE 1:100 m

 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET				AS SHOWN	A-10
	LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



SORSOGON CITY
**CITY ENGINEER'S
OFFICE**

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET
LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST, SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL Aide

RECOMMENDED BY:

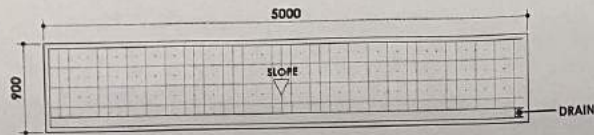
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CITY ENGINEER

APPROVED BY:

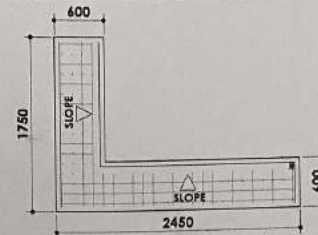
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

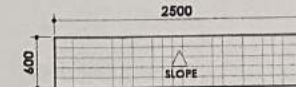
SHEET NO.
A-11



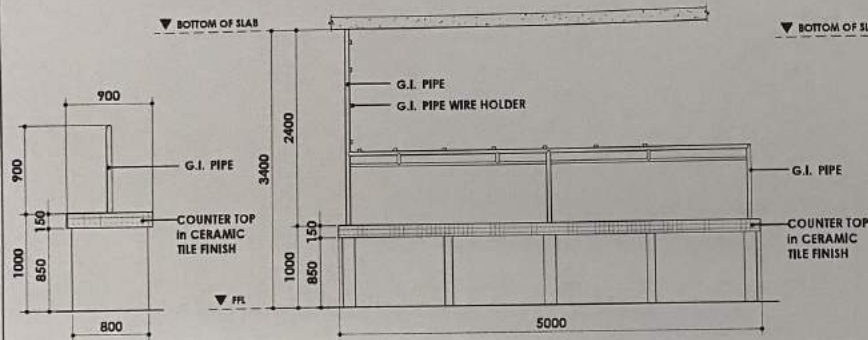
BLOWUP PLAN @ FISH and MEAT SECTION



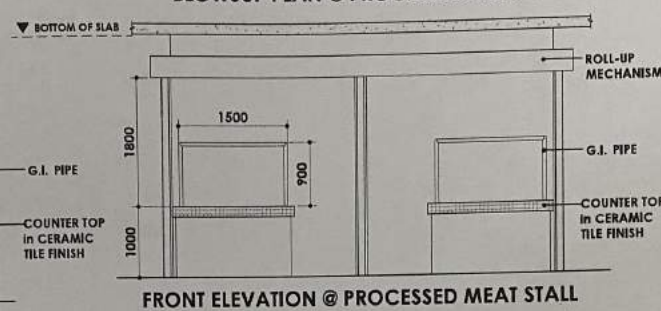
BLOWUP PLAN @ PROCESSED MEAT STALL



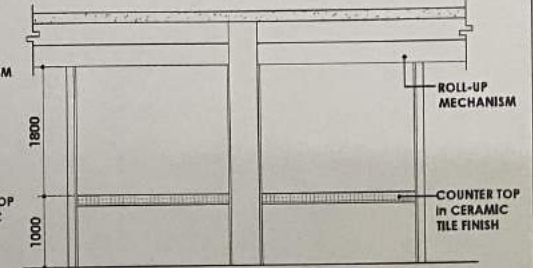
BLOWUP PLAN @ DRY STALL



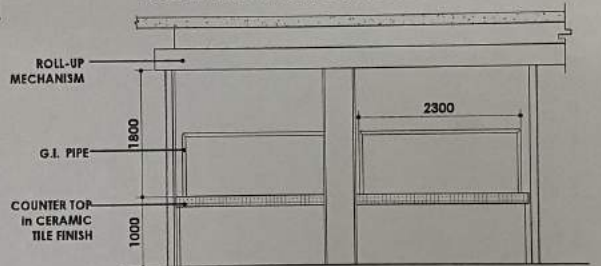
BLOWUP ELEVATION @ FISH and MEAT SECTION



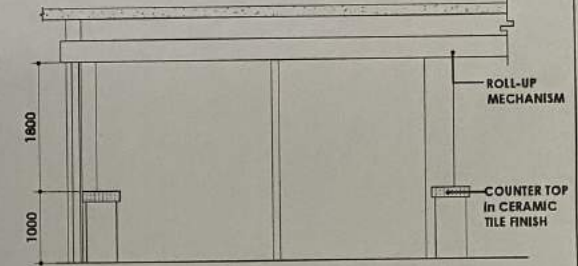
FRONT ELEVATION @ PROCESSED MEAT STALL



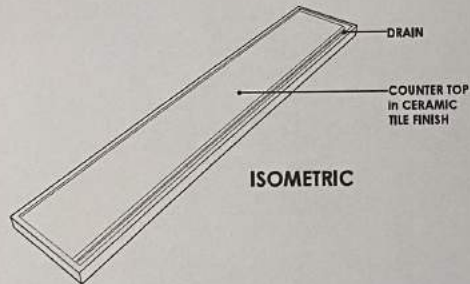
FRONT ELEVATION @ DRY STALL



TYPICAL SIDE ELEVATION @ PROCESSED MEAT STALL

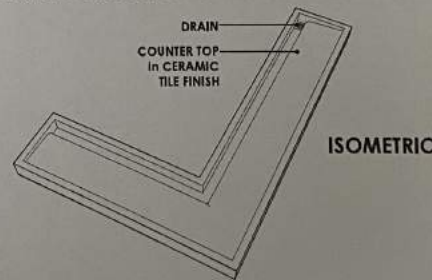


TYPICAL SIDE ELEVATION @ DRY STALL



ISOMETRIC

FISH SECTION and MEAT SECTION COUNTER TOP PLAN



ISOMETRIC

PROCESSED MEAT / MEAT SHOP STALL

1 STALL and COUNTER @ DRY AREA DIMENSION
A-12 SCALE NTS.



SORSOGON CITY

CITY ENGINEER'S
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LOC: BRGY. POBLACION, SITIO RIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. BOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

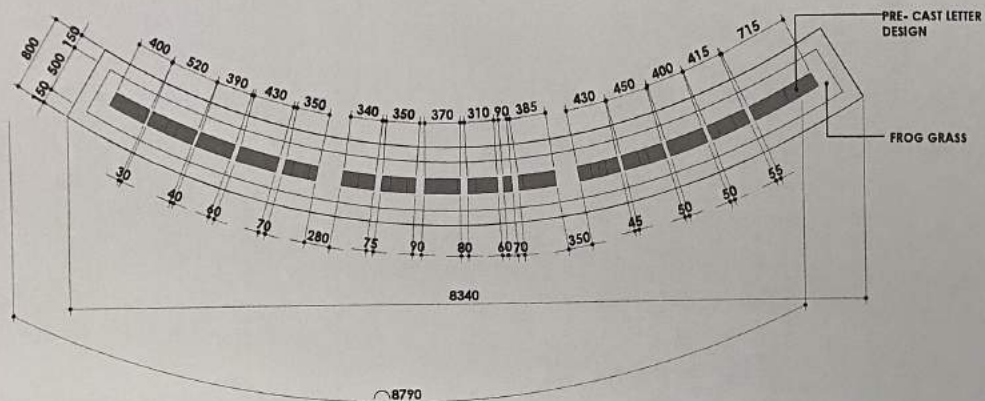
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CITY MAYOR

SHEET CONTENT:

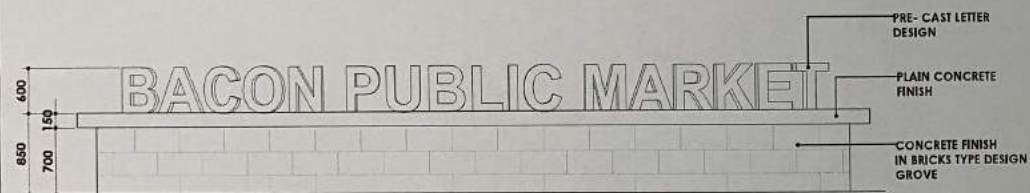
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SHEET NO.

A-12



FOOD COURT SIGNAGE 1 - PLAN

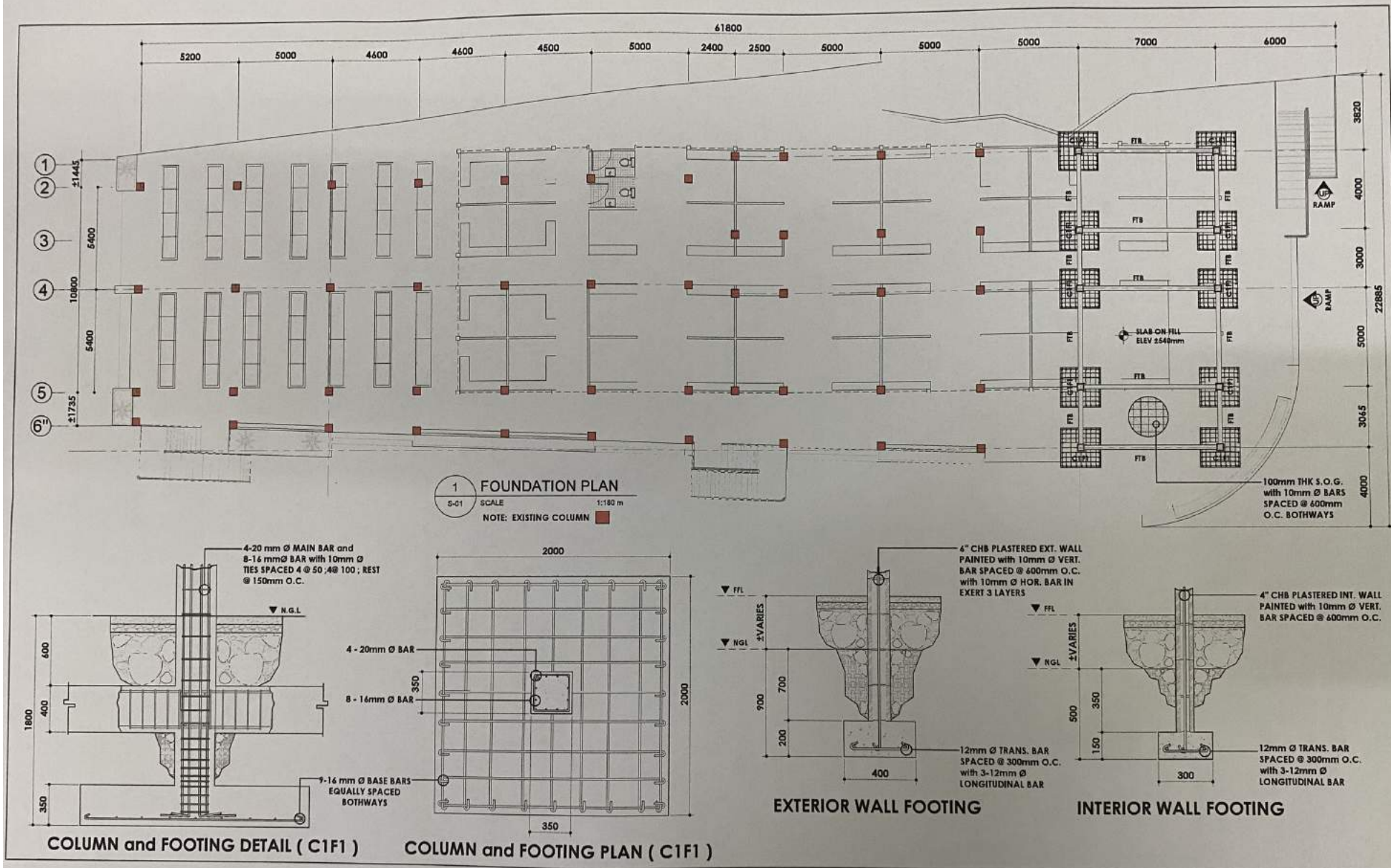


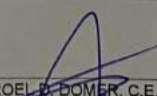
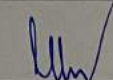
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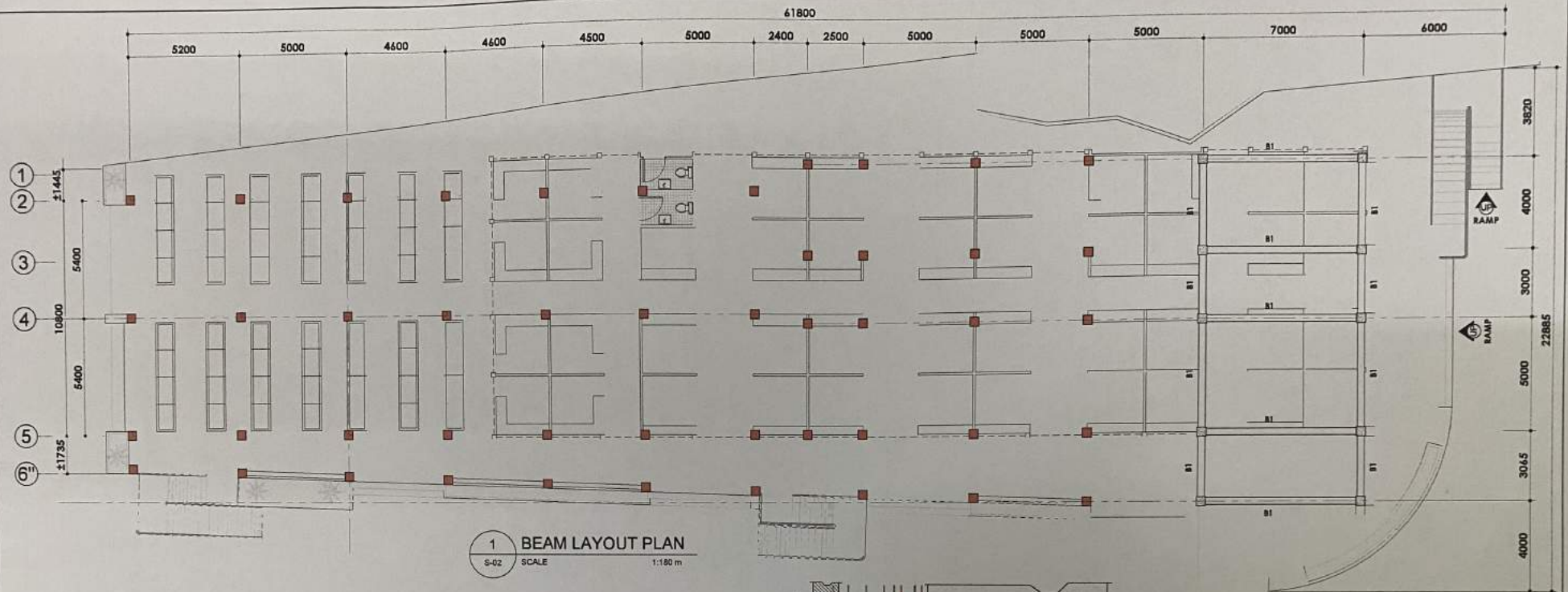


SORSOGON CITY
CITY ENGINEER'S
OFFICE

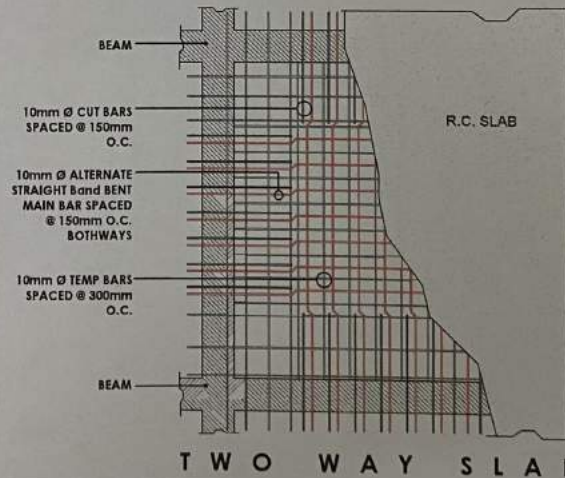
PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET				AS SHOWN	A-13
LOC: BRGY. POBLACION, SITIO PIGSABUKAN, BACON DIST, SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROFEL D. DAMER, C.E./RMP CIC-CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE: IMPROVEMENT and REHABILITATION OF PUBLIC MARKET LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST. SORSOGON CITY	DRAWN BY:  IZRA D. HABLA ARCHITECTURAL AIDE	RECOMMENDED BY:  ROEL B. BOMER, C.E./RMP CITY ENGINEER	APPROVED BY:  MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS SHOWN	SHEET NO. S-01
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SCHEDULE OF BEAM'S				
BEAM MARK	ADOPTED DIMENSION		@ SUPPORT	@ MIDSAPAN
	WIDTH (B)	DEPTH (D)		
B1	250	500	B = D = 7 - 20 mmØ 3 - 20 mmØ	B = D = 3 - 20 mmØ 7 - 20 mmØ
FTB	300	500	B = D = 3 - 20 mmØ 3 - 20 mmØ	B = D = 3 - 20 mmØ 3 - 20 mmØ



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET
LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

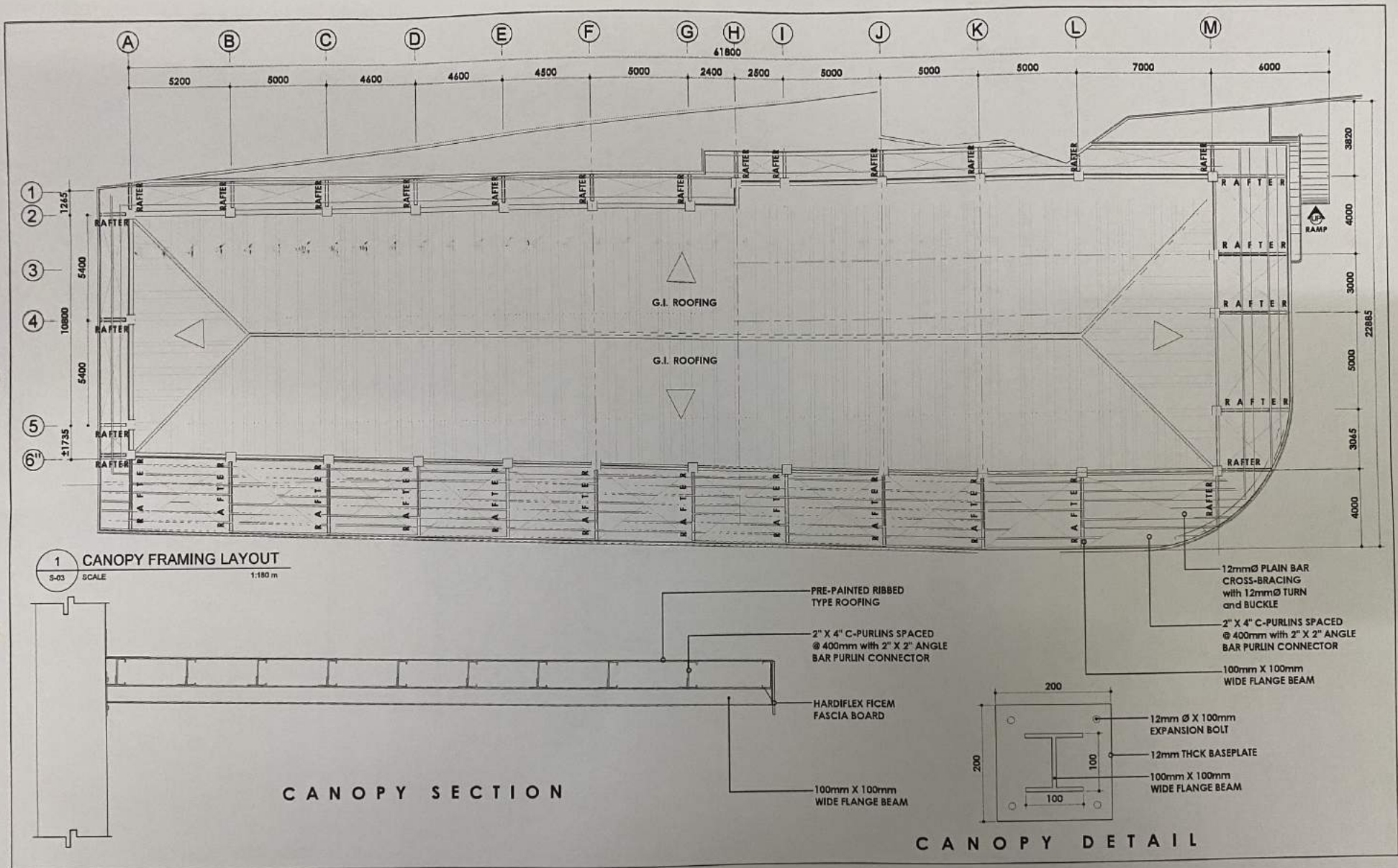
DRAWN BY:
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
S-02



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC. BRGY. POBLACION, SITIO PIGABUNAN,
BACON DIST. SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

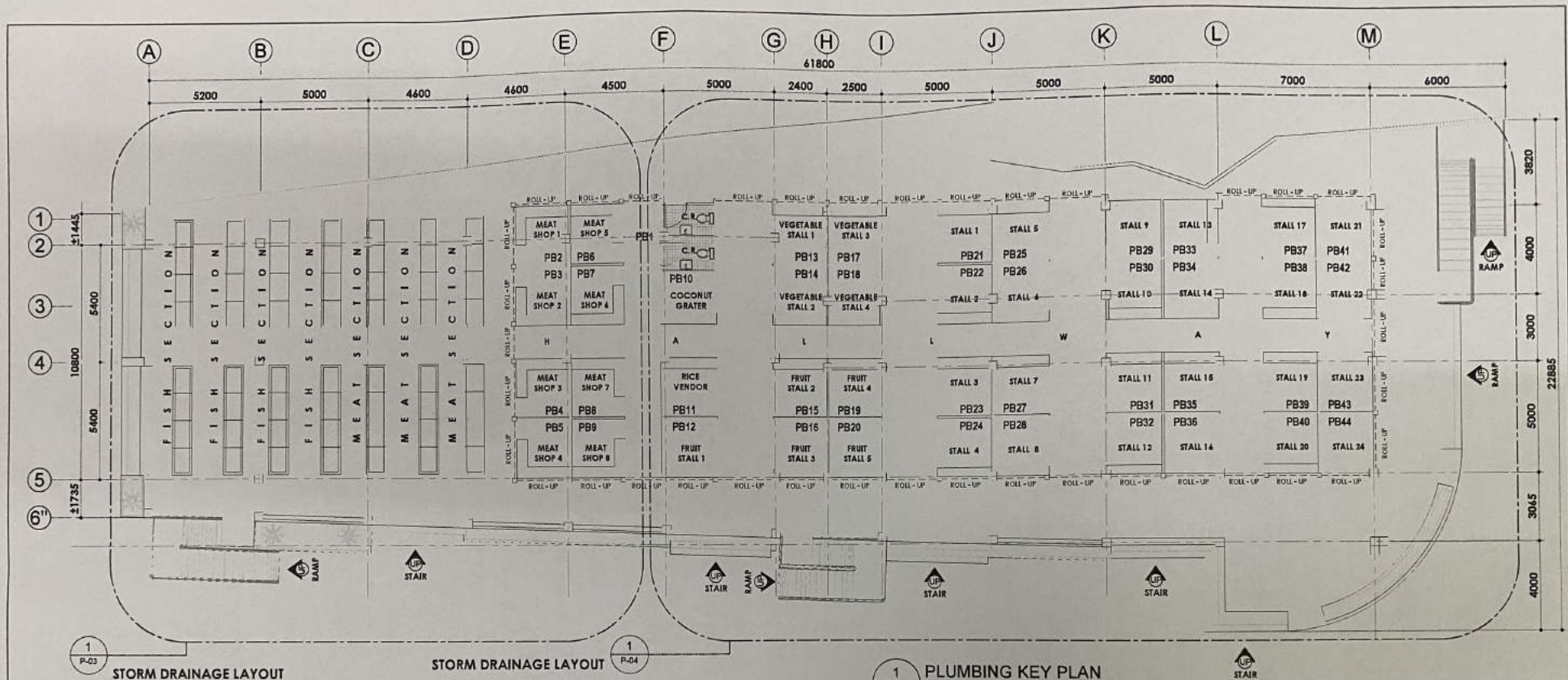
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

S-03



STORM DRAINAGE LAYOUT

STORM DRAINAGE LAYOUT

LIGHTING LAYOUT

1 PLUMBING KEY PLAN

P-01 SCALE 1:100 m

GENERAL PLUMBING NOTES

- ALL PLUMBING INSTALLATIONS SHALL CONFORM W/ THE PROVISIONS OF THE NATIONAL PLUMBING CODE RULES AND REGULATIONS ENFORCE IN THE LOCALITY.
- PIPES SHALL BE INSTALLED AS INDICATED IN THE WORKING DRAWINGS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE DONE UPON THE APPROVAL OF THE PLUMBING ENGINEER.
- ALL WATER LINES SHALL BE MADE OF G.I. PIPES; PVC PIPES FOR SOIL AND VENT LINES AND CONCRETE CULVERT FOR STORM DRAINS.
- ALL FIXTURES OR GROUP OF FIXTURES SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVE.
- ALL DOWNSPOUT SHALL BE AT LEAST 75 MM DIAMETER.
- CLEANOUTS ARE REQUIRED UNDER THE FF. CONDITIONS
 - VERTICAL CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22.5 DEGREES.
 - 1.50 METER INSIDE THE THE PROPERTY LINE BEFORE HOUSE DRAINAGE CONNECTION.
 - EVERY 15.00M HORIZONTAL RUN OF PIPES.
 - AT THE ENDS OF ANY HORIZONTAL PIPES OR AS SHOWN IN THE PLANS.
- THE DIGESTION CHAMBER OF THE SEPTIC VAULT MUST BE WATER PROOFED.
- RUN ALL HORIZONTAL PIPES IN PERFECT ALIGNMENT AND AT A UNIFORM GRADE OF NOT LESS THAN TWO DEGREES.
- ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE W/ THE APPROVED PLANS AND UNDER THE DIRECT SUPERVISION AND CONTROL OF A LICENSED MASTER PLUMBER OR SANITARY ENGINEER.

LEGEND:

	WATER CLOSET	CO	CLEAN OUT
	LAVATORY	DS	DOWNSPOUT
	CATCH BASIN	GT	GREASE TRAP
F	FAUCET		CLEAN WATER PIPE
FD	FLOOR DRAIN		DRAINAGE PIPE
	GATE VALVE - GV (NORMALLY OPEN)		SANITARY PIPE



SORSOGON CITY

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L.O.C. BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

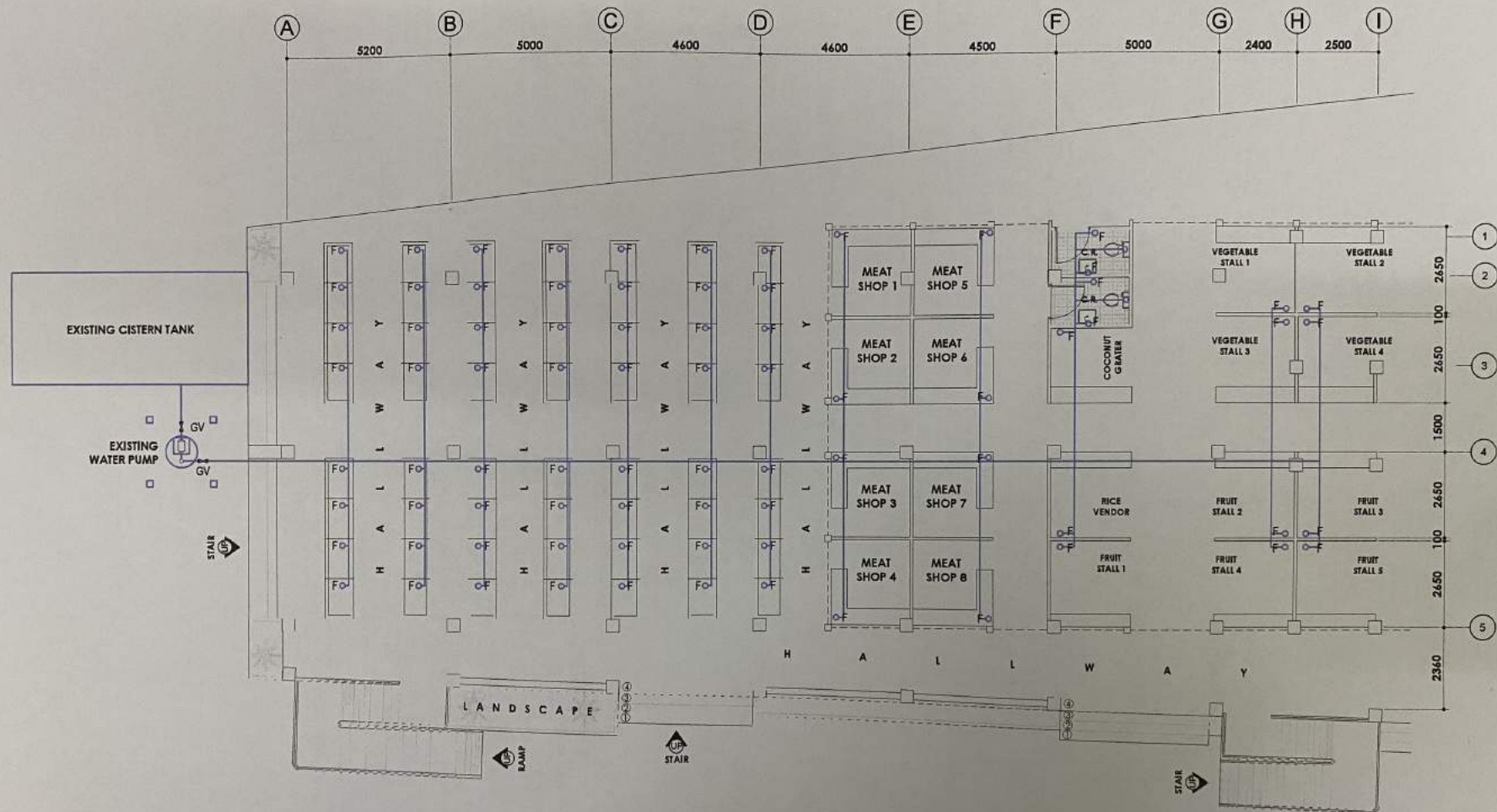
AS SHOWN

SHEET NO.

P-01

LAYOUT.dwg

Feb 13 2022 - 7:38pm



CLEAN WATER LAYOUT

BLOW - UP FLOOR PLAN

1

P-02

SCALE

1:100 m



SORSOGON CITY

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APPROVED BY:

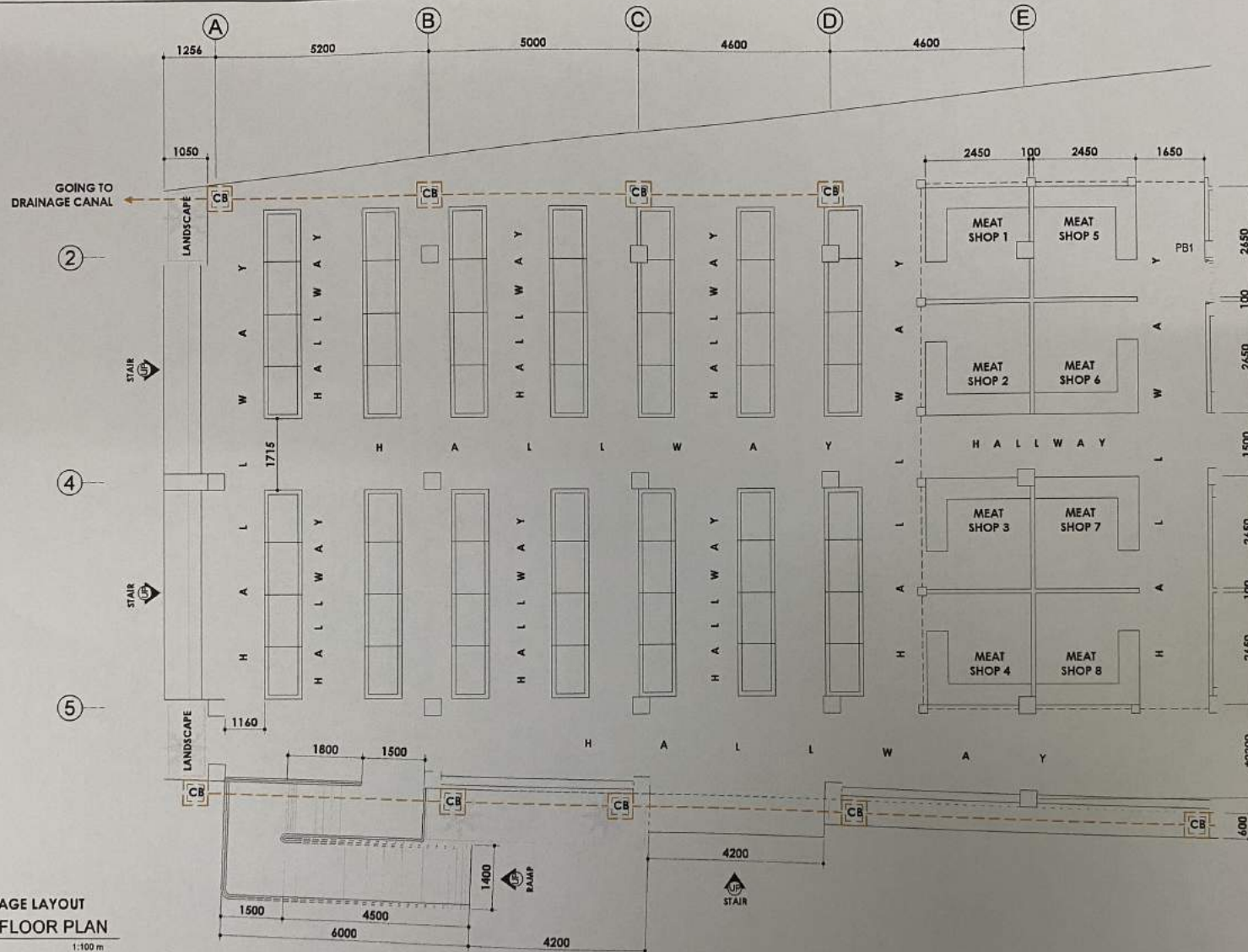
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

P-02



STORM DRAINAGE LAYOUT
BLOW - UP FLOOR PLAN

1

P-03

SCALE

1:100 m



SORSOGON CITY

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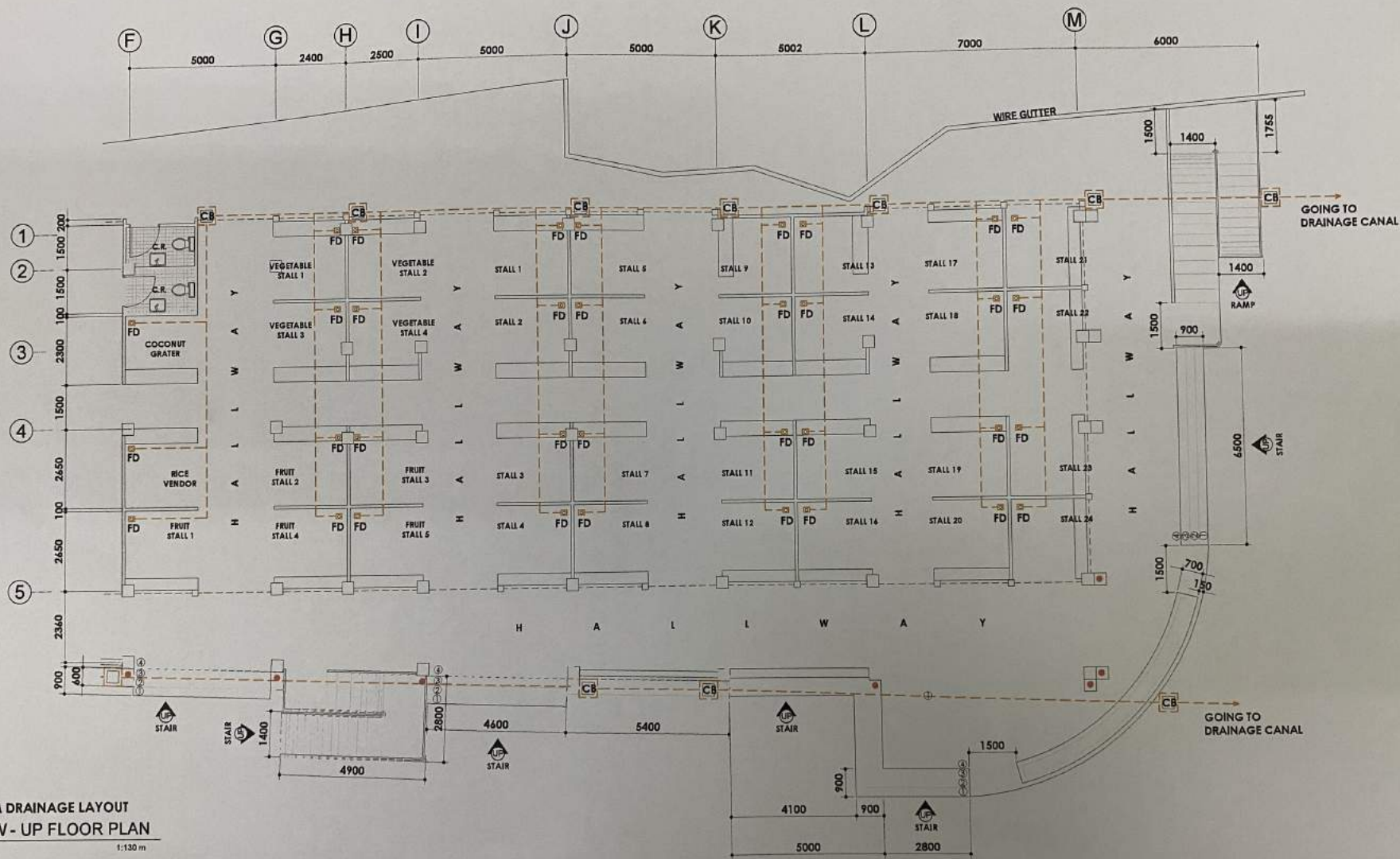
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

P-03



SORSOGON CITY

**CITY ENGINEER'S
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LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

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APPROVED BY:

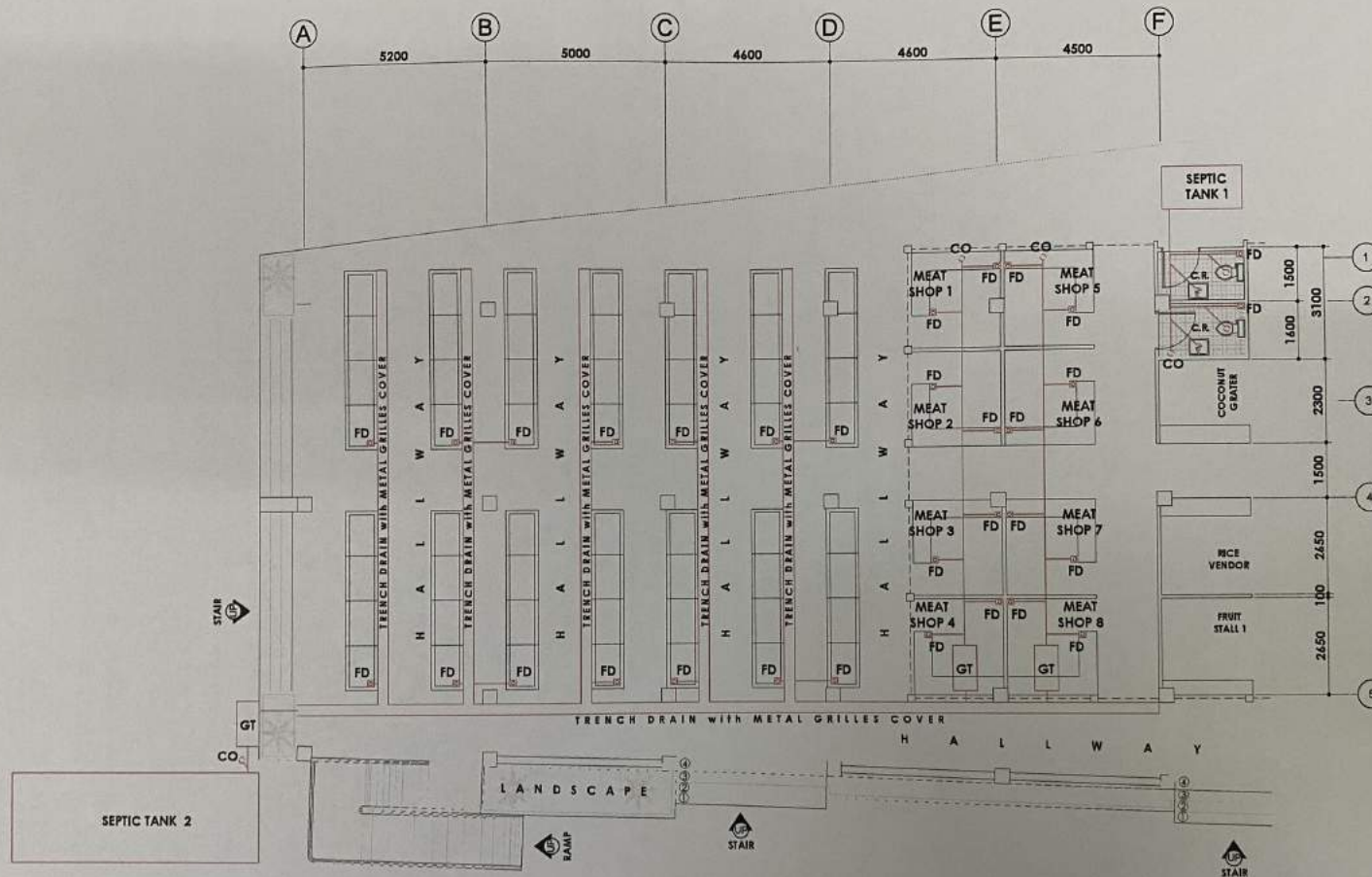
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

P-04



CLEAN WATER LAYOUT

BLOW - UP FLOOR PLAN



SCALE

1:100 m



SORSOGON CITY

CITY ENGINEER'S
OFFICE

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IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BROY, POBLACION, SITIO PIGSABUNAN,
BACON DIST, SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

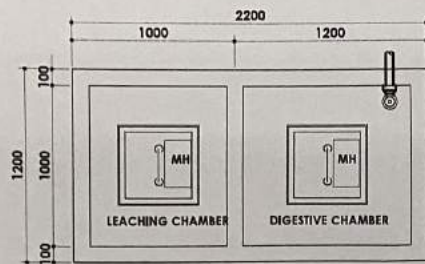
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

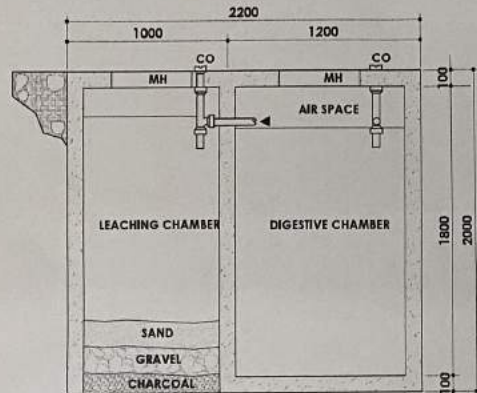
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SHEET NO.

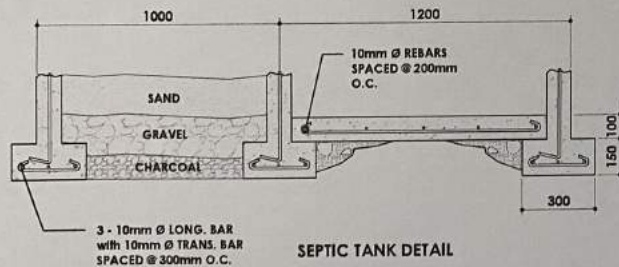
P-05



SEPTIC TANK PLAN

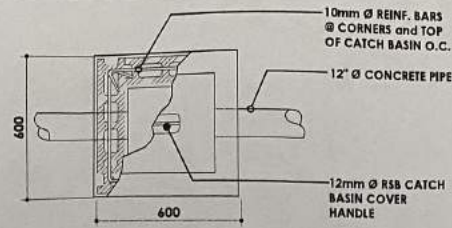


SEPTIC TANK SECTION

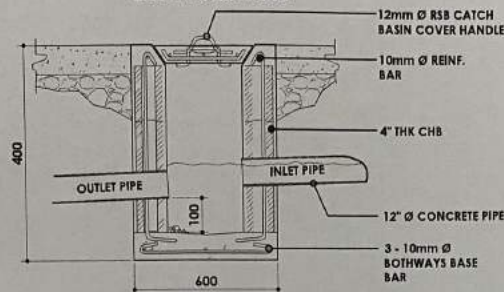


SEPTIC TANK DETAIL

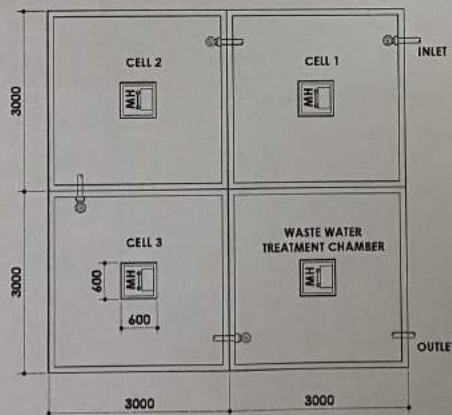
1 SEPTIC TANK 1 DETAIL
P-06 SCALE NTS.



CATCH BASIN PLAN

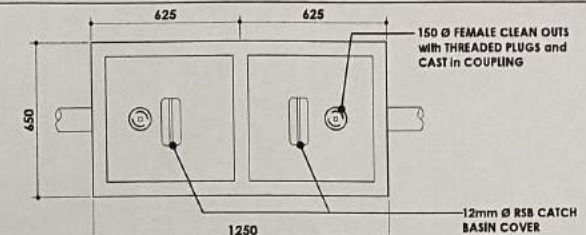


CATCH BASIN SECTION

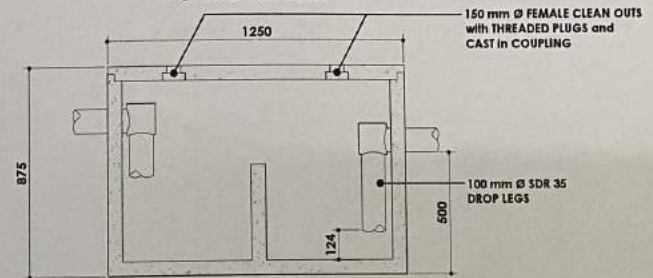


SEPTIC TANK PLAN

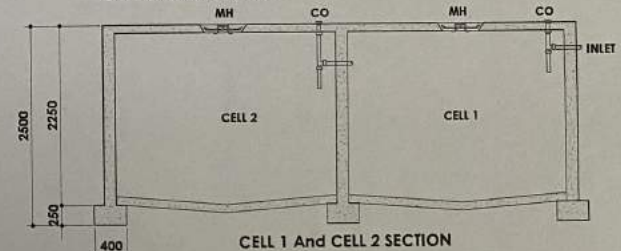
2 SEPTIC TANK 2 DETAIL
P-06 SCALE NTS.



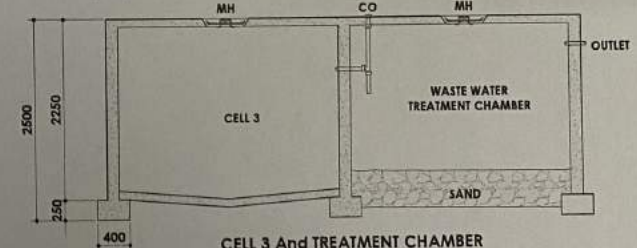
GREASE TRAP PLAN



GREASE TRAP SECTION



CELL 1 And CELL 2 SECTION



CELL 3 And TREATMENT CHAMBER

W A T E R T R E A T M E N T



SORSOGON CITY
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IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

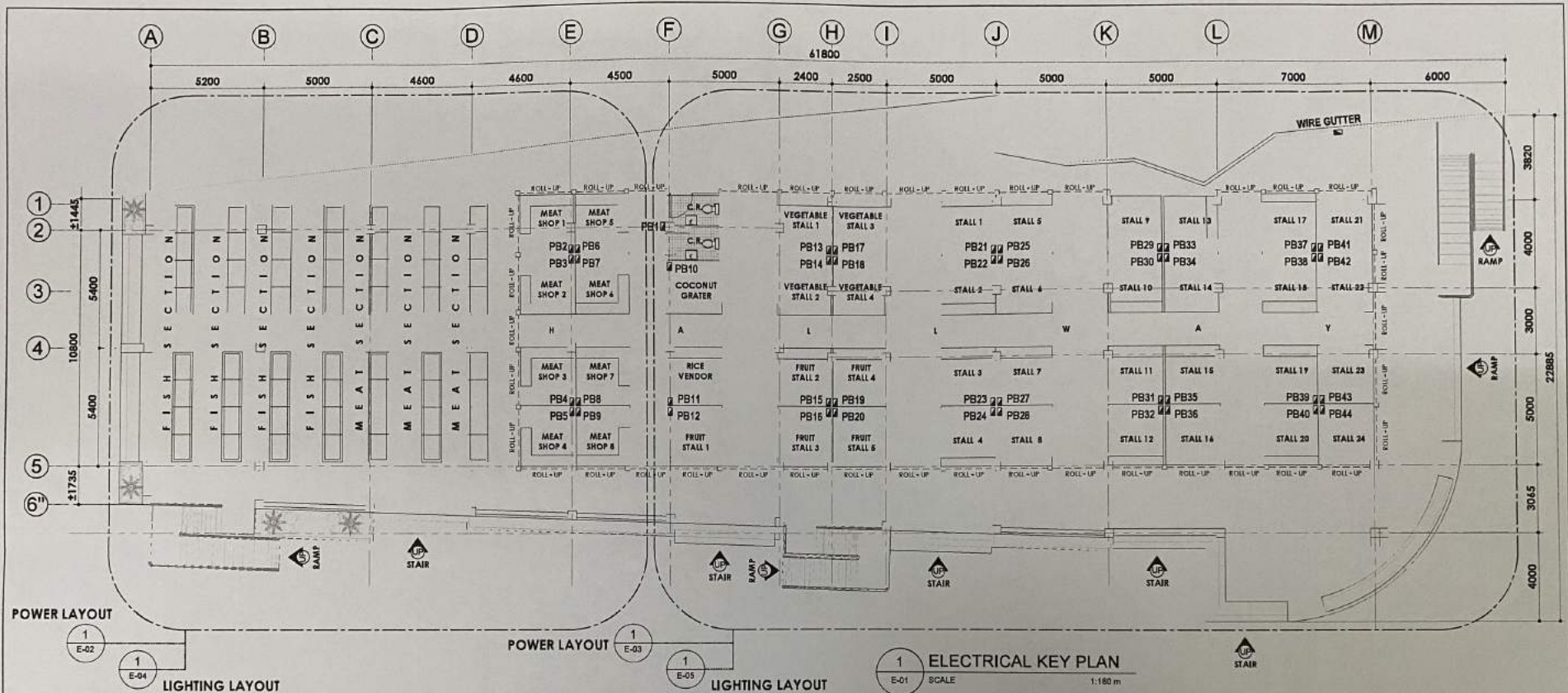
DRAWN BY:
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
P-06



GENERAL ELECTRICAL NOTES:

- All electrical works herein shall be done in accordance with applicable provisions of the latest edition of the PHILIPPINE ELECTRICAL CODE, requirements of the local authorities enforcing the code, and requirements of the power service company concerned.
- All wires shall be copper type T.H.H.N. in Intermediate Metallic Conduit (IMC) or unless otherwise specified.
- All materials to be used shall be brand new and of the approved type; appropriate with the location and intended use.
- Power supply shall be 240 volts, single phase, 60 hertz, two wire system.
- All works herein shall be done under the direct supervision of a duly qualified and licensed electrical engineer or master electrician.
- Minimum size of conductors shall be 2.0mm T.H.H.N. in 15mm trade size.
- Mounting height from finish floor line to the center line of devices shall be as follows:

a. Convenience outlet	300mm
b. Light switches	1400mm
c. ACU Outlet	1500mm
d. Panel boards	1500mm
e. Electric meter	1500mm
- All vertical and horizontal conduit shall be concealed or embedded on concrete walls and floors.
- All conduits shall be properly reamed prior to installation to avoid damages to the skin of the wire.
- Workmanship of the work throughout shall be executed in the best and most thorough manner known to the trade and to the satisfaction of the architect and the engineer.

LEGEND:

	PANEL BOARD		WATER PROOF OUTLET
	HOME RUN TO PANEL BOARD		JUNCTION BOX
	DOWN LIGHT		LIGHTING LINE
	WALL LAMP		POWER LINE
	DUPLEX CONVENIENCE OUTLET, PARALLEL SLOT		



SORSOGON CITY

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OF PUBLIC MARKET

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IZRA D. HABLA
ARCHITECTURAL Aids

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

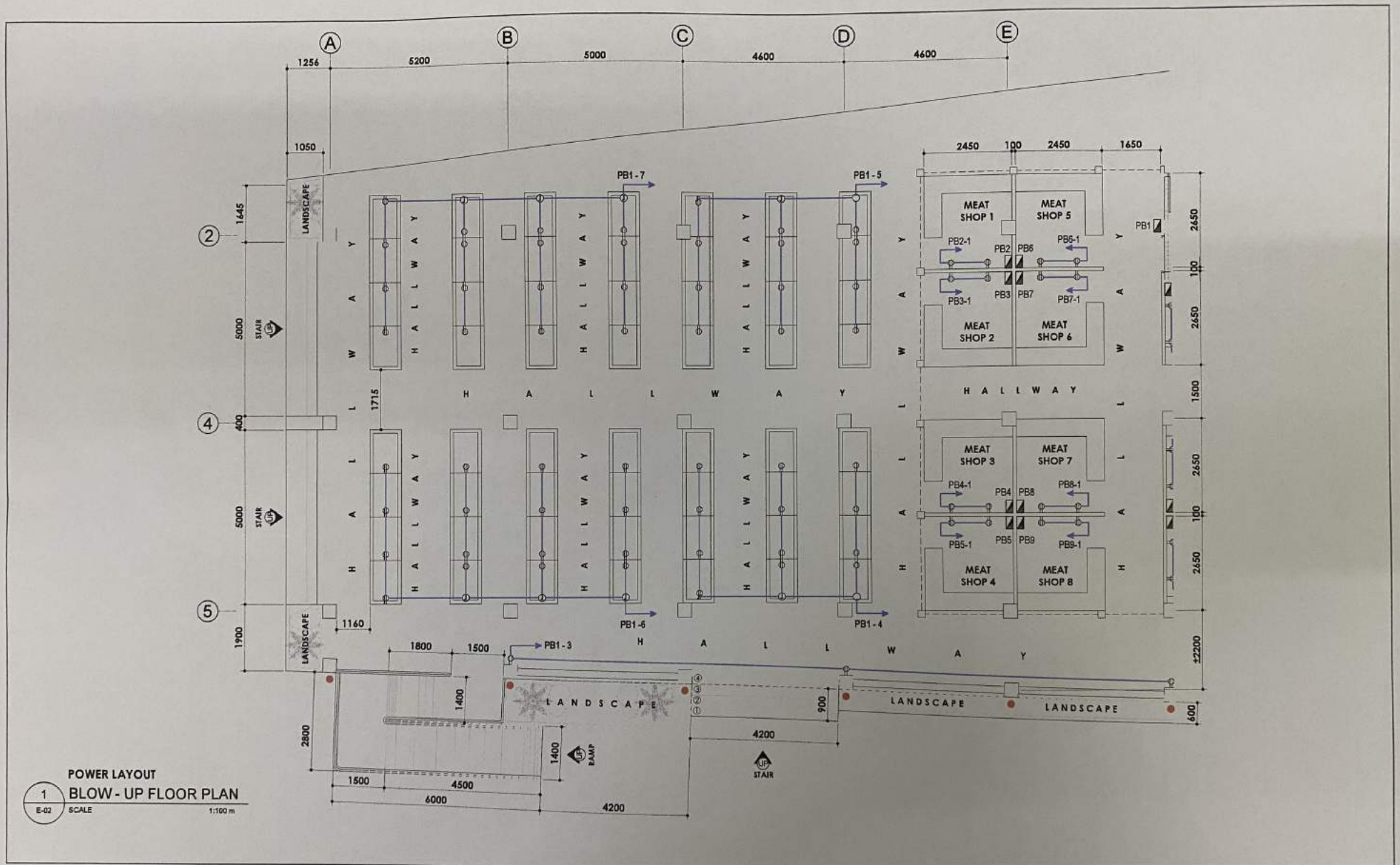
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

E-01



SORSOGON CITY
 CITY ENGINEER'S
 OFFICE

PROJECT TITLE:
 IMPROVEMENT and REHABILITATION
 OF PUBLIC MARKET
 LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
 BACON DIST. SORSOGON CITY

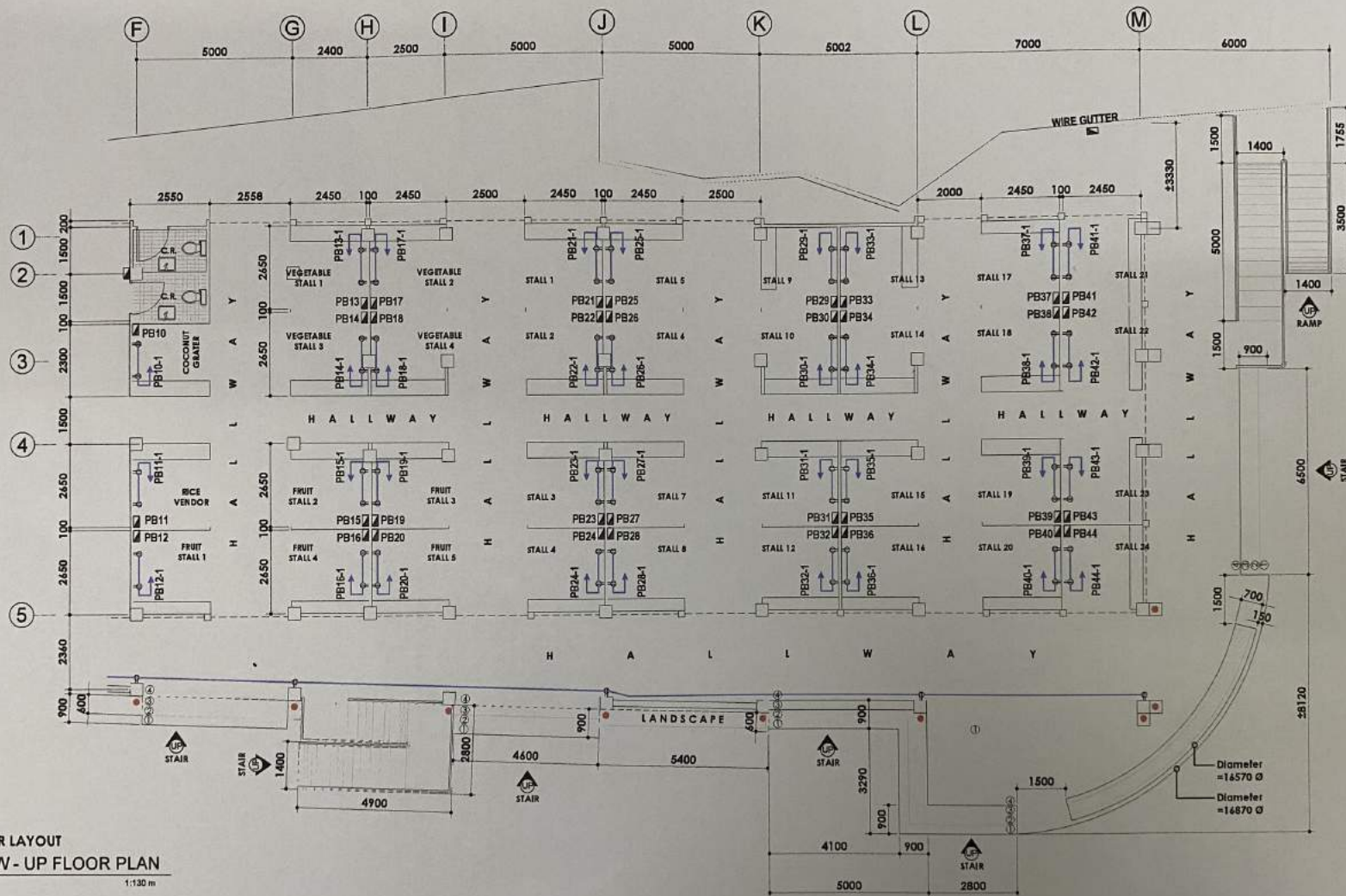
DRAWN BY:
 IZRA D. HABLA
 ARCHITECTURAL AIDE

RECOMMENDED BY:
 ROEL P. BOMER, C.E./RMP
 OIC-CITY ENGINEER

APPROVED BY:
 MA. ESTER E. HAMOR
 CITY MAYOR

SHEET CONTENT:
 AS SHOWN

SHEET NO.
 E-02



SORSOGON CITY
**CITY ENGINEER'S
OFFICE**

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST, SORSOGON CITY

DRAWN BY:

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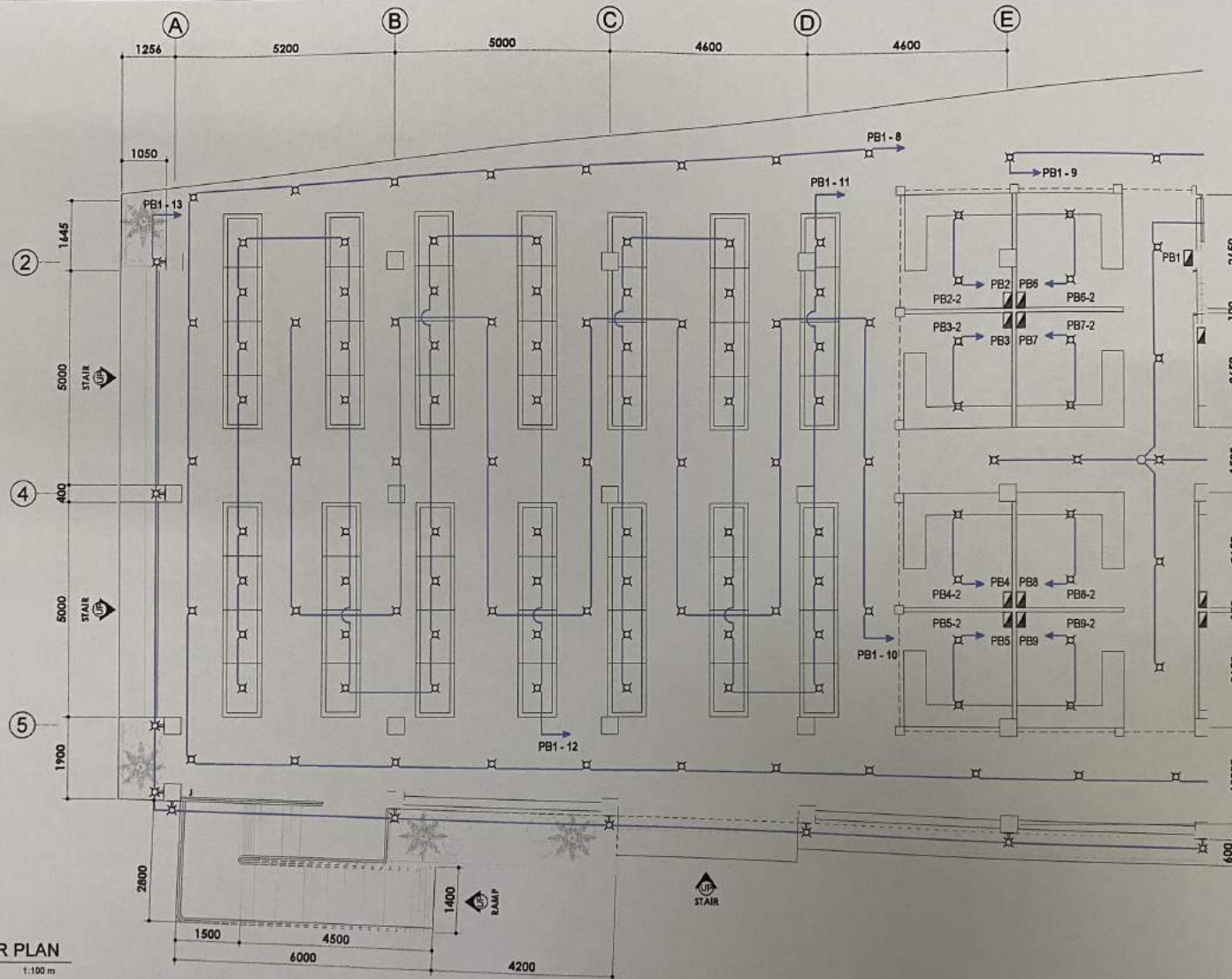
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

E-03



1
E-04
SCALE
1:100 m



SORSOGON CITY

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LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
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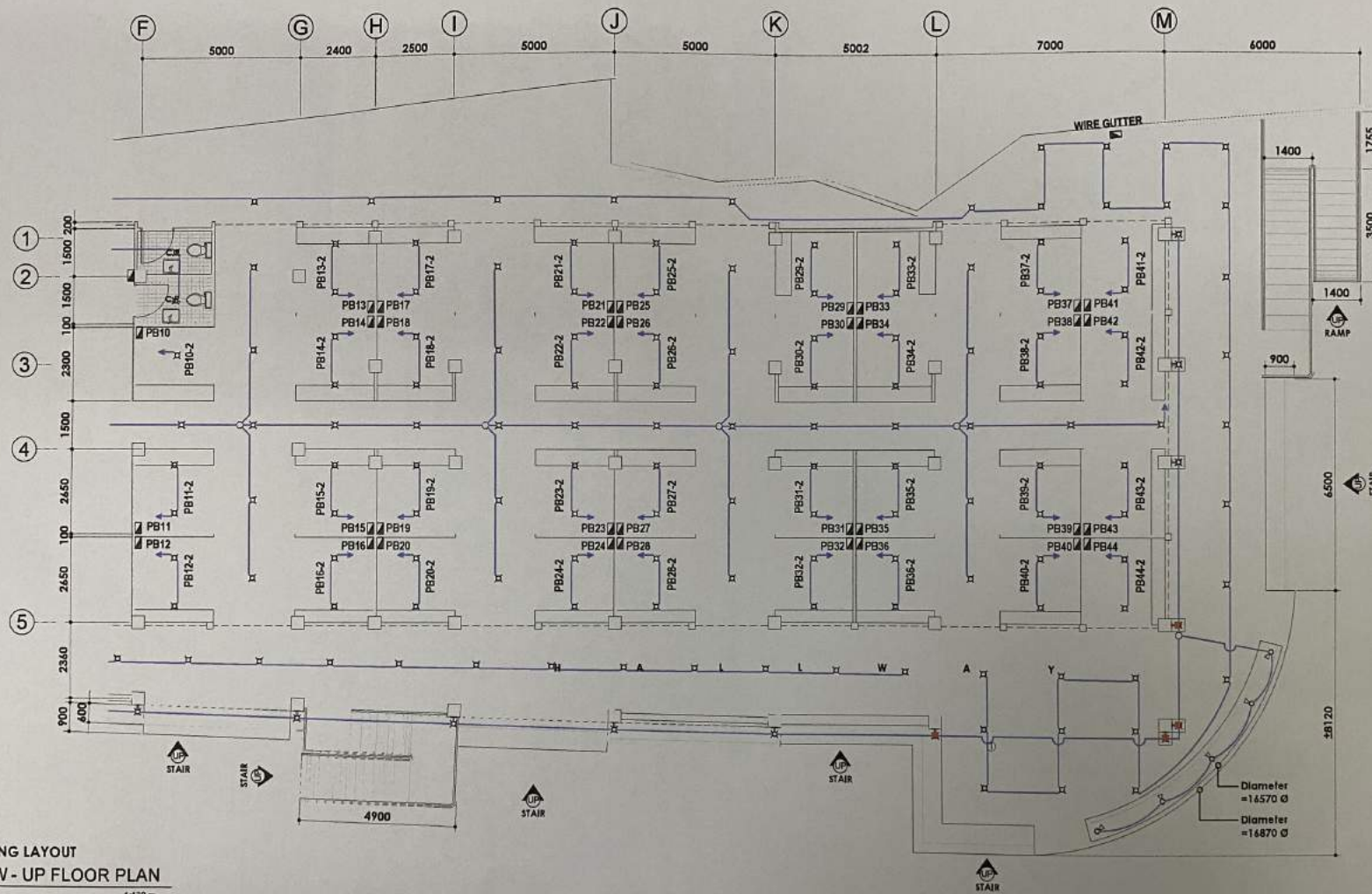
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

E-04



SORSOGON CITY
**CITY ENGINEER'S
OFFICE**

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IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CIC CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

E-05

SCHEDULE OF LOADS @ PB-1

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1	M A I N		230			115 A	2 - 35mm ² THWN	30mm Ø UPVC
2	WATER PUMP - 1HP	1	230	0.32	75	30 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	C.O. (WATER PROOF)	7	230	5.5	1260	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
4	C.O. (WATER PROOF)	12	230	9.4	2160	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
5	C.O. (WATER PROOF)	12	230	9.4	2160	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
6	C.O. (WATER PROOF)	16	230	12.5	2880	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
7	C.O. (WATER PROOF)	16	230	12.5	2880	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
8	L.O.	33	230	10.8	2475	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
9	L.O.	31	230	10.1	2325	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
10	L.O.	21	230	6.8	1575	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
11	L.O.	24	230	7.8	1800	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
12	L.O.	32	230	10.4	2400	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
13	L.O. (WALL LAMP and SPOTLIGHT)	26	230	8.5	1950	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
14	SPARE		230					

TYPICAL - SCHEDULE OF LOADS @ PB - 2 to PB - 44

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1			230			40 A	2 - 8.0mm ² THWN	25mm Ø UPVC
2	C.O. (WATER PROOF)	2	230	1.6	360	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	L.O.	2	230	0.7	160	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
4	SPARE		230					

TOTAL VA @ PB-1

TOTAL VA = 23,940 VA
 $I = \frac{23,940 \text{ VA}}{230 \text{ V}} \times 100\% \text{ D.F.}$
 = 104 A

TOTAL VA @ PB - 2 to PB - 44

TOTAL VA = 510 VA
 $I = \frac{510 \text{ VA}}{230 \text{ V}} \times 100\% \text{ D.F.}$
 = 2.2 A

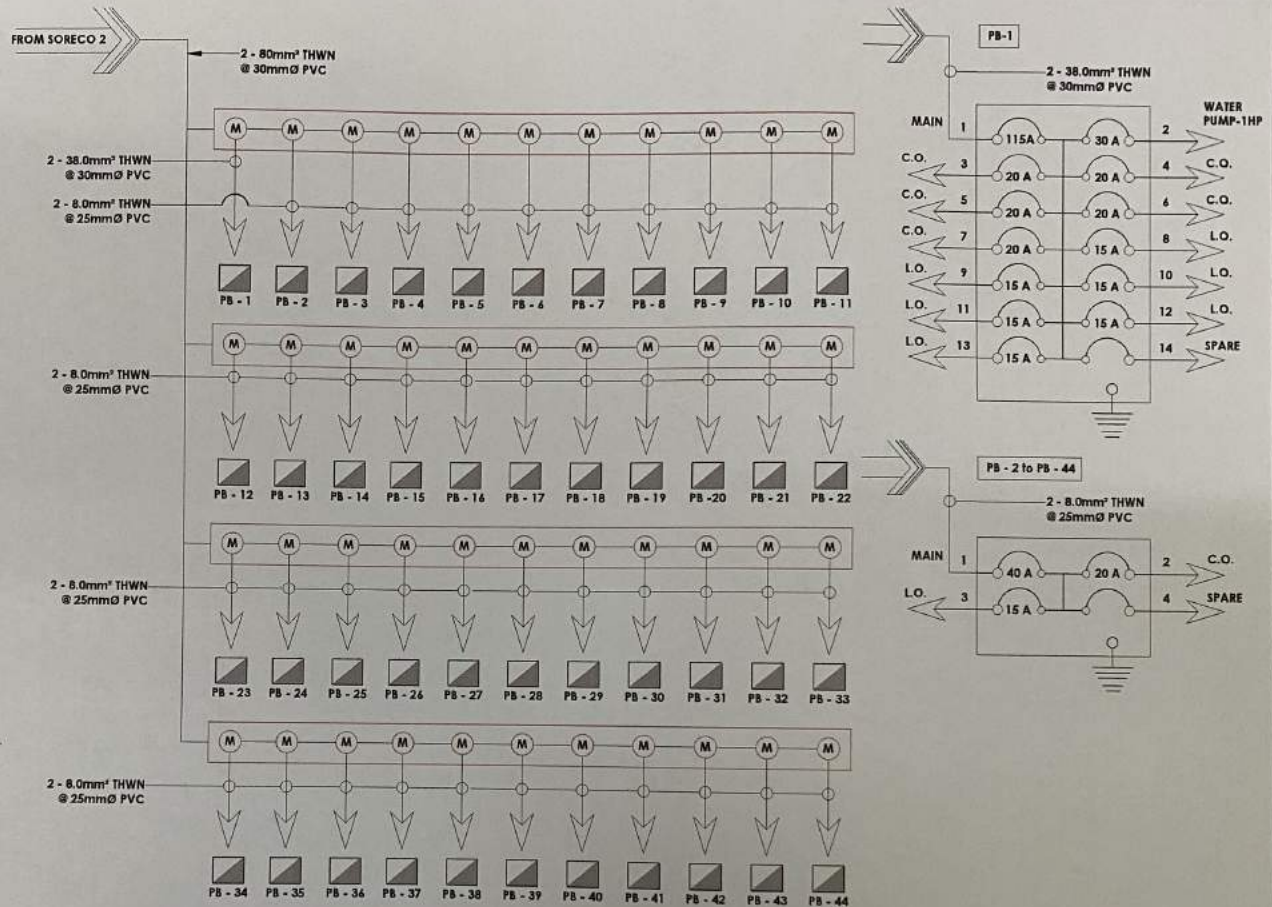
$$I = \frac{(23,940 + 510) \times 1.04}{230 \text{ V}} \times 0.85 \text{ D.F.}$$

$$= \frac{(23,940 + 510) \times 1.04}{230 \text{ V}} \times 0.85 \text{ D.F.}$$

$$= 45.870 \times 0.85 \text{ D.F.}$$

$$= 199.48 \times 0.85 \text{ D.F.}$$

$$= 169.52 \text{ Amps}$$



WIRE GUTTER



SORSOGON CITY

CITY ENGINEER'S
OFFICE

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IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

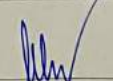
E-06

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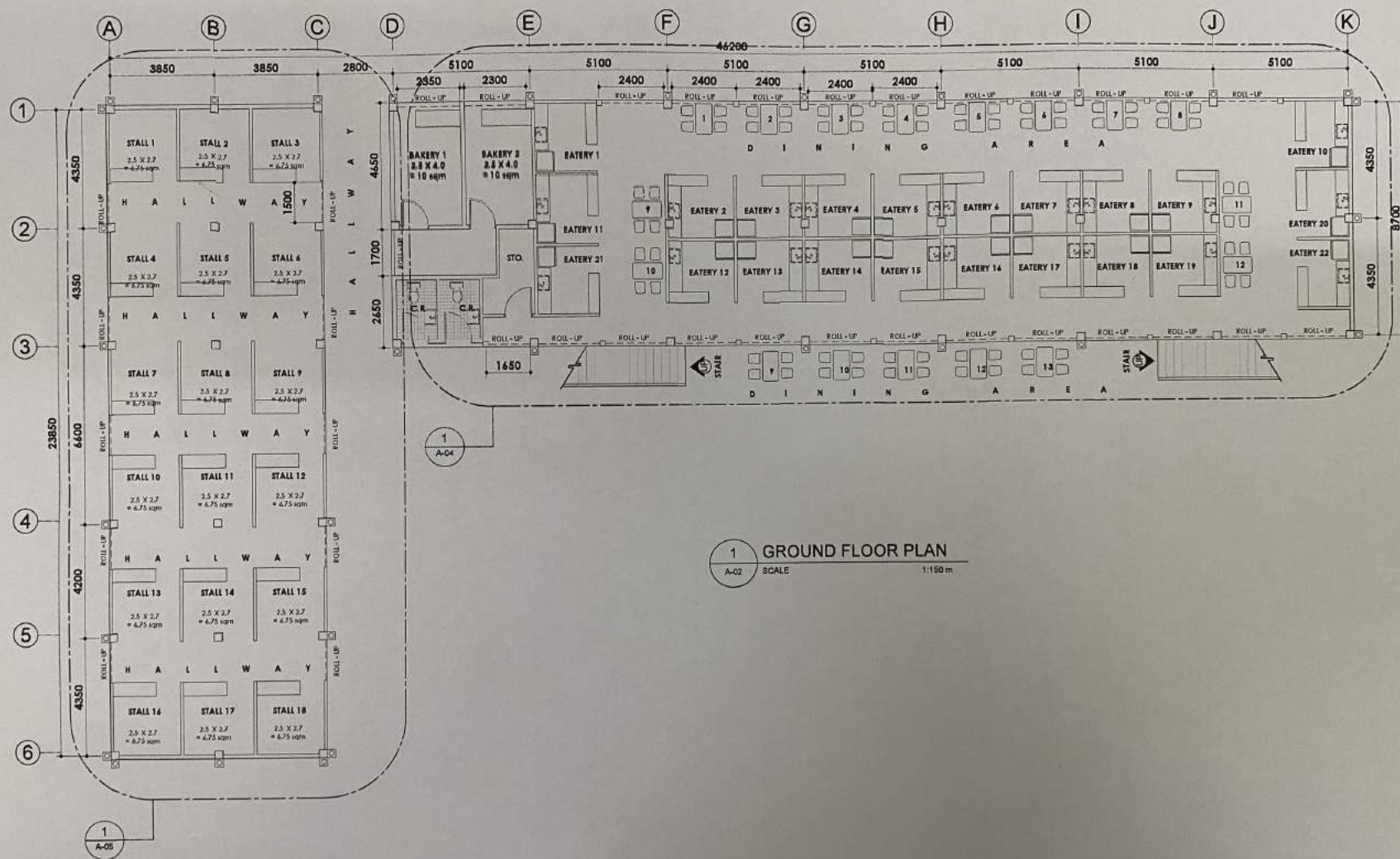
Feb 13 2022 - 7:42pm



P E R S P E C T I V E o f M A R K E T E X T E N S I O N

 SORSOGON CITY CITY ENGINEER'S O F F I C E	PROJECT TITLE: IMPROVEMENT and REHABILITATION OF PUBLIC MARKET LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST. SORSOGON CITY	DRAWN BY:  IZRA D. HABLA ARCHITECTURAL Aide	RECOMMENDED BY:  ROEL D. POMER, C.E./RMP CITY ENGINEER	APPROVED BY:  MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS SHOWN	SHEET NO. A-01
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LAYOUT.dwg
Feb 13 2022 - 7:43pm



SORSOGON CITY

**CITY ENGINEER'S
OFFICE**

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

[Signature]

IZRA D. HABLA
ARCHITECTURAL Aide

RECOMMENDED BY:

[Signature]

ROELDO DOMESTO, C.E./RMP
CITY ENGINEER

APPROVED BY:

[Signature]

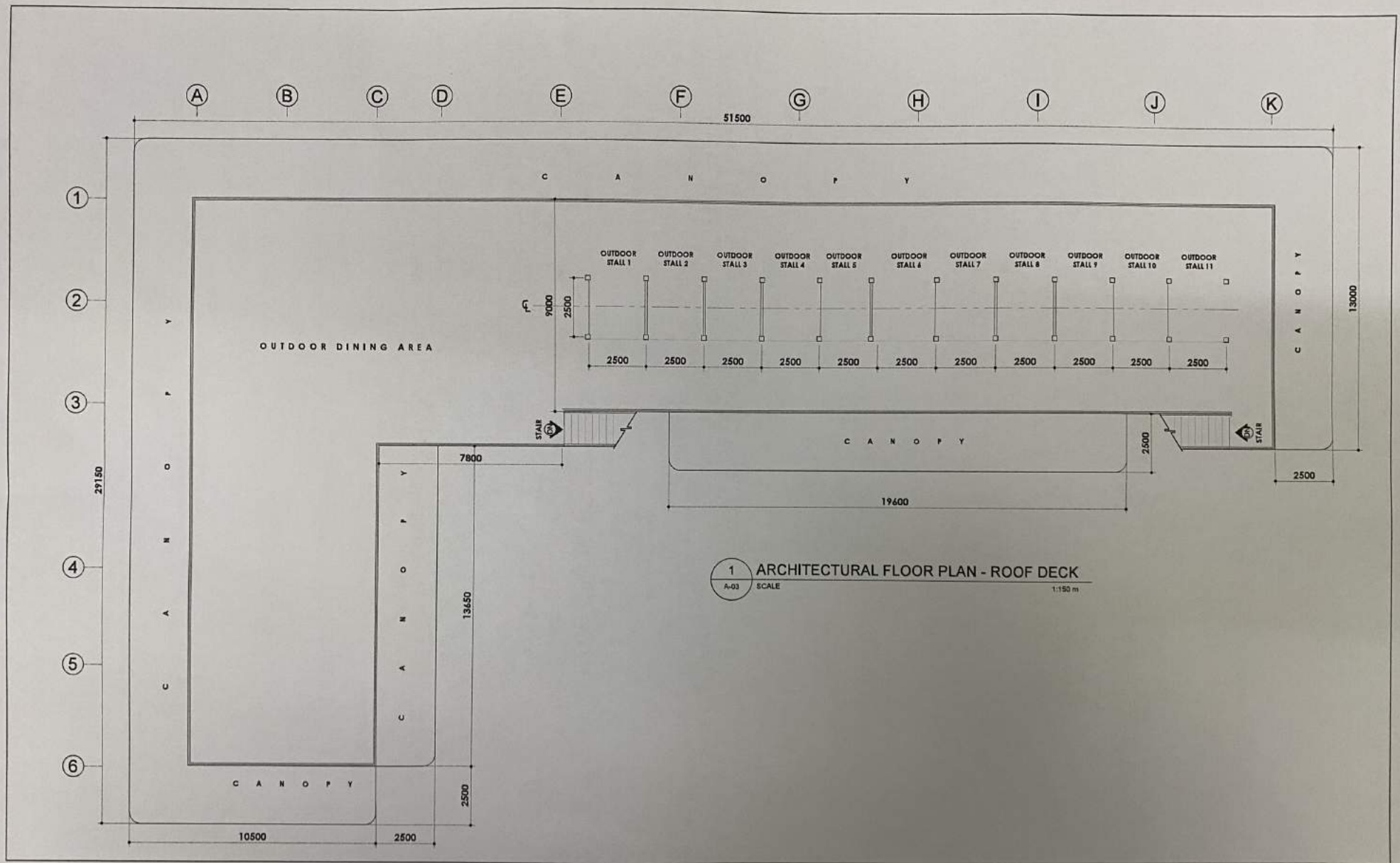
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

A-02



SORSOGON CITY
CITY ENGINEER'S
OFFICE

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OF PUBLIC MARKET

Loc: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL Aide

RECOMMENDED BY:

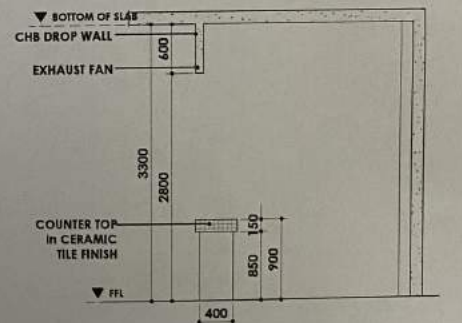
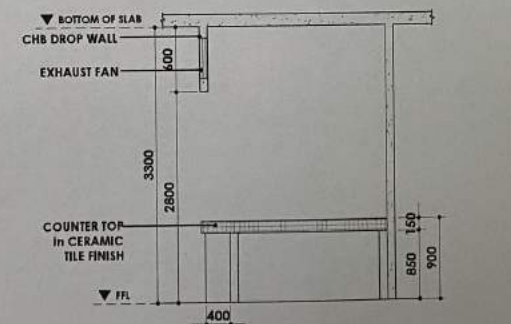
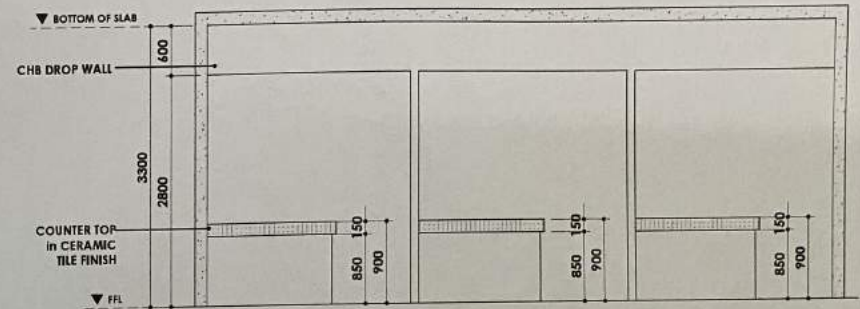
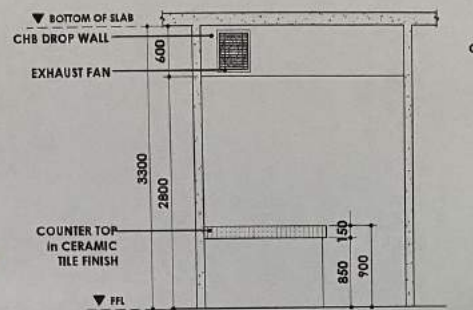
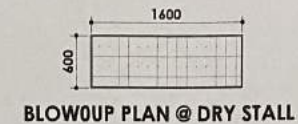
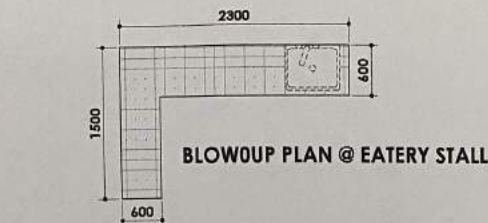
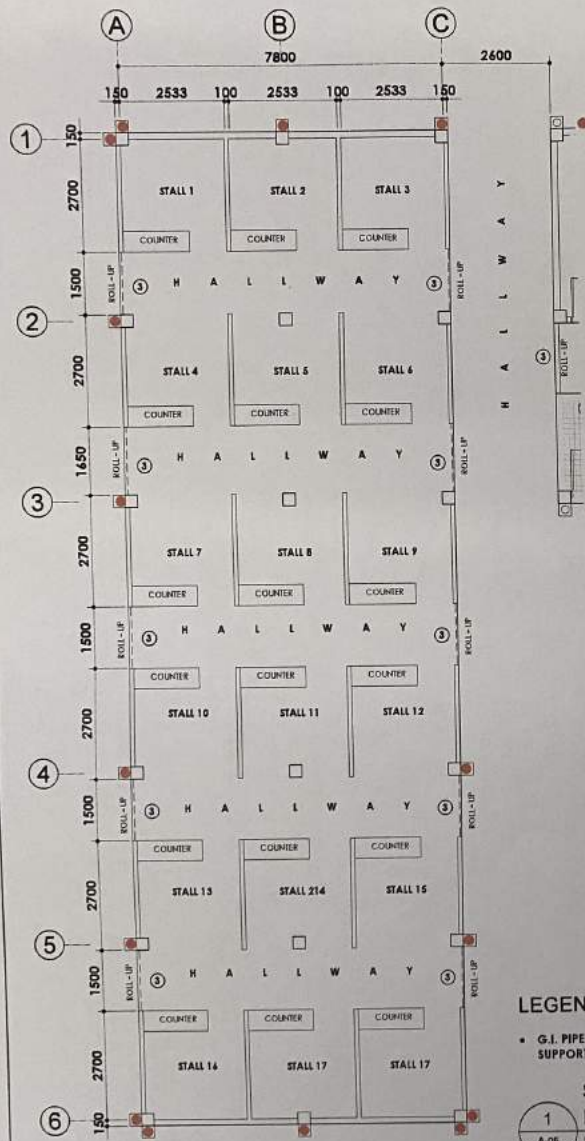
ROEL D. DIMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
A-03



LEGEND :

• G.I. PIPE DIAGONAL
SUPPORT @ CANOPY

1
A-05 SCALE 1:120 m

2
A-04 SCALE NTS.



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET
LOC: BRGY. POBLACION, SITIO PIGSABUNAH,
BACON DIST., SORSOGON CITY

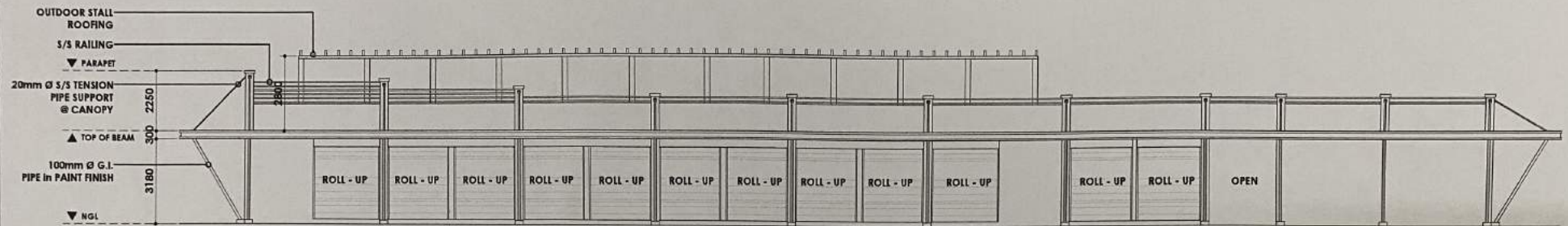
DRAWN BY:
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
ROEL B. DOMER, C.E./RMP
CITY ENGINEER

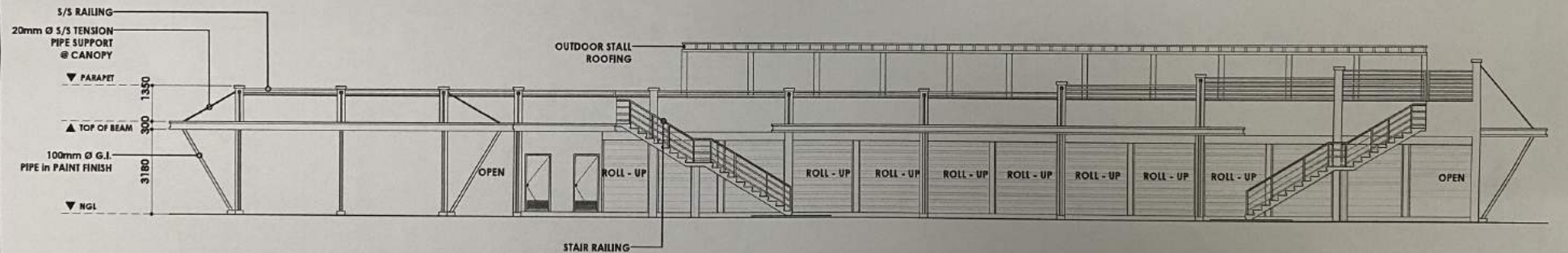
APPROVED BY:
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
A-05



1 BLOW - UP EXTERIOR ELEVATION
A-06 SCALE 1:100 m



2 BLOW - UP EXTERIOR ELEVATION
A-06 SCALE 1:100 m



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET
LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST. SORSOGON CITY

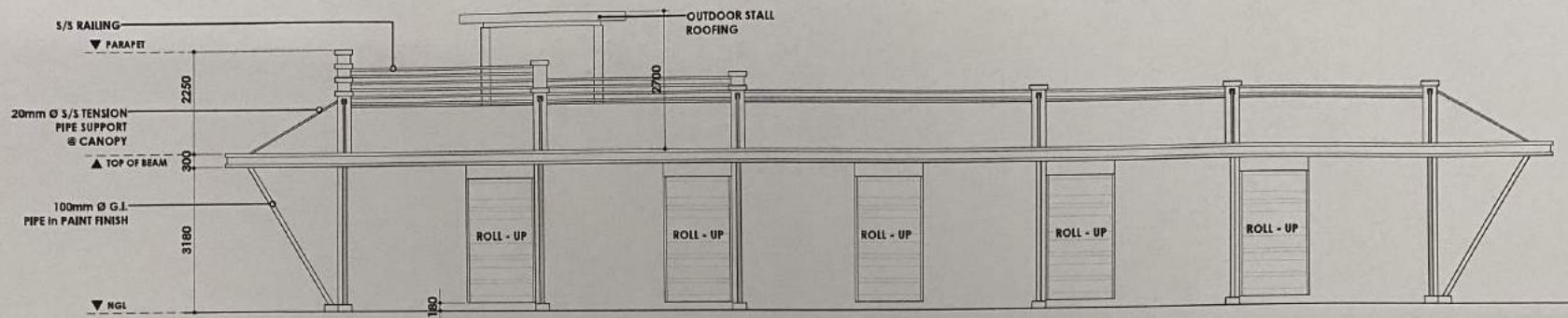
DRAWN BY:
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
ROEL D. DOMER, C.E./RMP
CIC-CITY ENGINEER

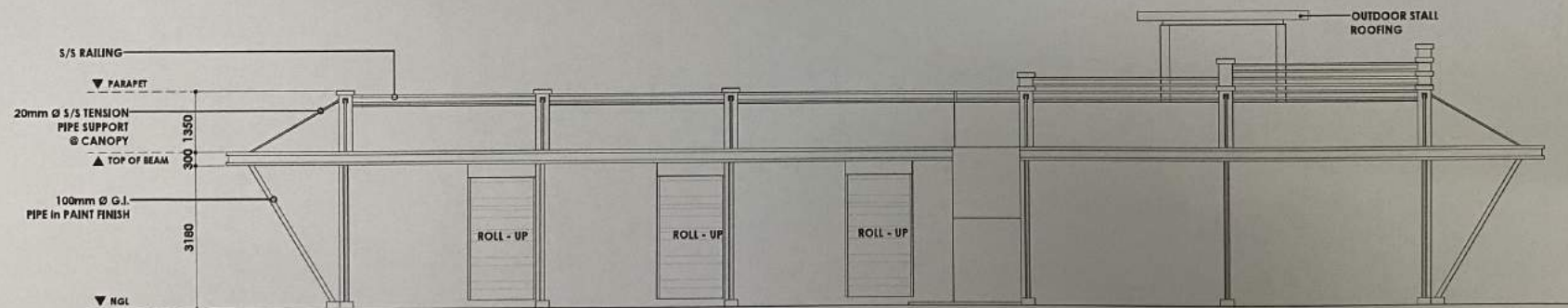
APPROVED BY:
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
A-06



1 BLOW - UP EXTERIOR ELEVATION
A-07 SCALE 1:100 m

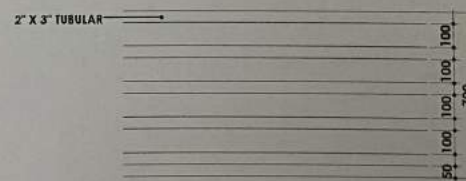
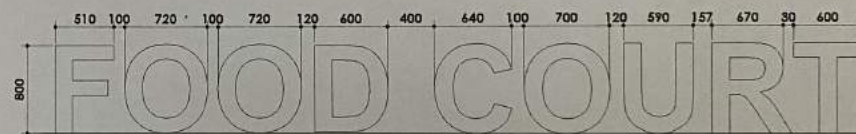
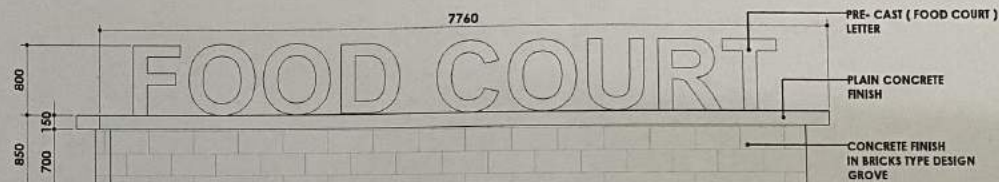
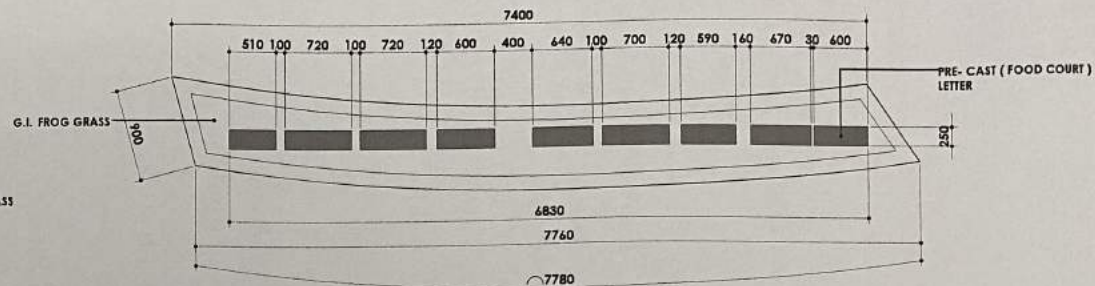
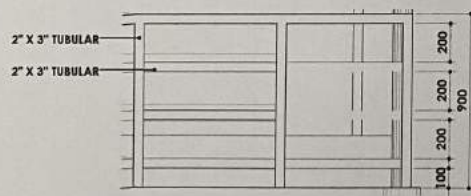
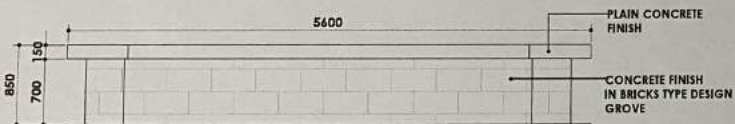
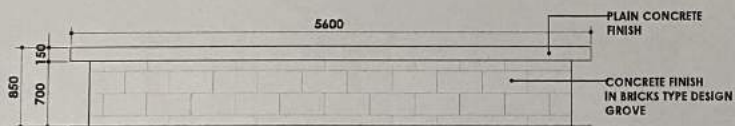
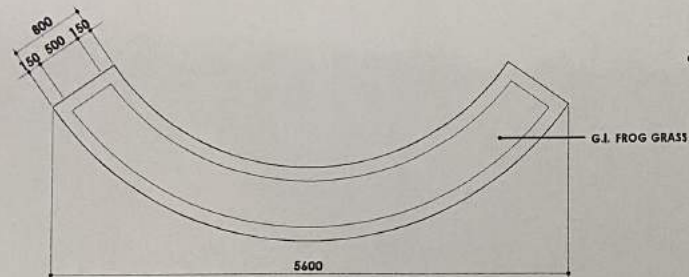


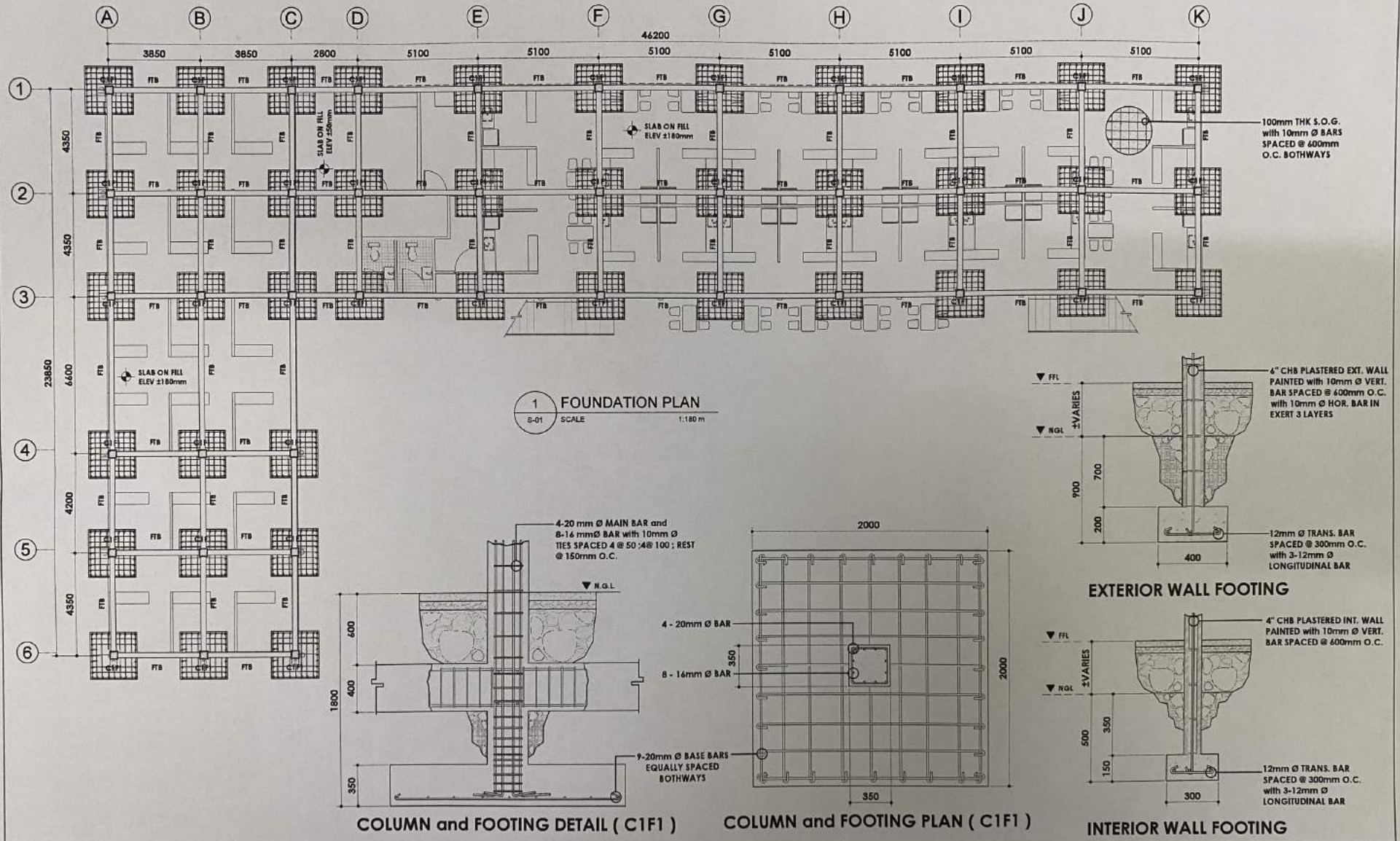
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A-07 SCALE 1:100 m



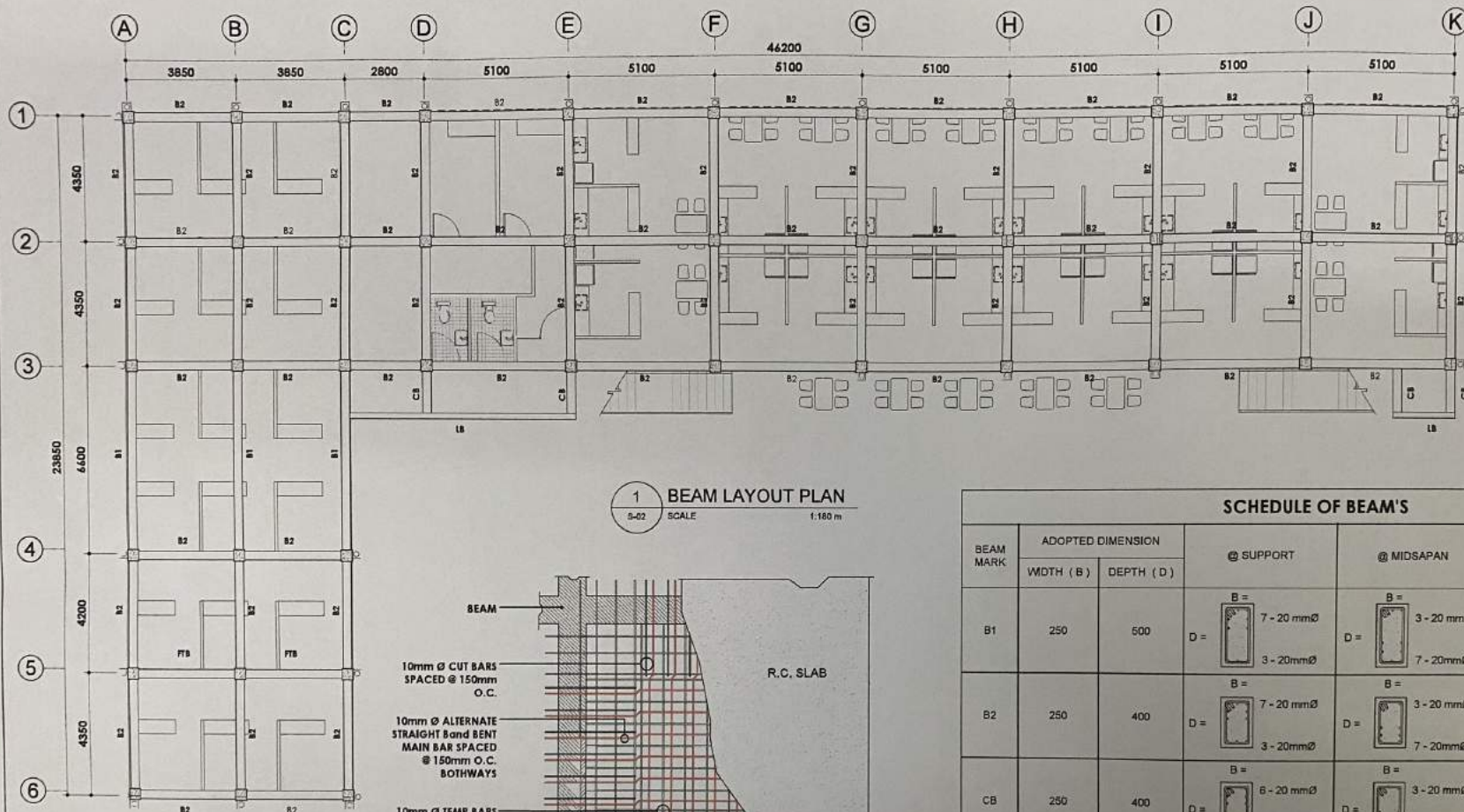
SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMER, C.E./RMP CIC-CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	A-07
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY					





 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL Aide	ROBERT D. DOMER, C.E./RMP CIC-CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	S-01
	LOC: SITIO PIGSABUNAN, BRGY. POBLACION, BACON DIST., SORSOGON CITY					



SCHEDULE OF BEAM'S

BEAM MARK	ADOPTED DIMENSION		@ SUPPORT	@ MIDSAPAN	SPACING OF TIES / STIRRUPS (USING 10mm Ø)
	WIDTH (B)	DEPTH (D)			
B1	250	600	B = 7 - 20 mmØ D = 3 - 20mmØ	B = 3 - 20 mmØ D = 7 - 20mmØ	4 @ 50; 4 @ 100; and THE REST @ 150 mm O.C.
B2	250	400	B = 7 - 20 mmØ D = 3 - 20mmØ	B = 3 - 20 mmØ D = 7 - 20mmØ	4 @ 50; 4 @ 100; and THE REST @ 150 mm O.C.
CB	250	400	B = 6 - 20 mmØ D = 3 - 20mmØ	B = 3 - 20 mmØ D = 6 - 20mmØ	4 @ 50; 4 @ 100; and THE REST @ 150 mm O.C.
LB	150	450	B = 4 - 16mmØ D = 3 - 16mmØ	B = 3 - 16mmØ D = 4 - 16mmØ	4 @ 50; 4 @ 100; and THE REST @ 150 mm O.C.
FTB	250	400	B = 3 - 16mmØ D = 3 - 16mmØ	B = 3 - 16 mmØ D = 3 - 16mmØ	4 @ 50; 4 @ 100; and THE REST @ 150 mm O.C.



SORSOGON CITY

CITY ENGINEER'S OFFICE

PROJECT TITLE:

IMPROVEMENT and REHABILITATION OF PUBLIC MARKET

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL Aids

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

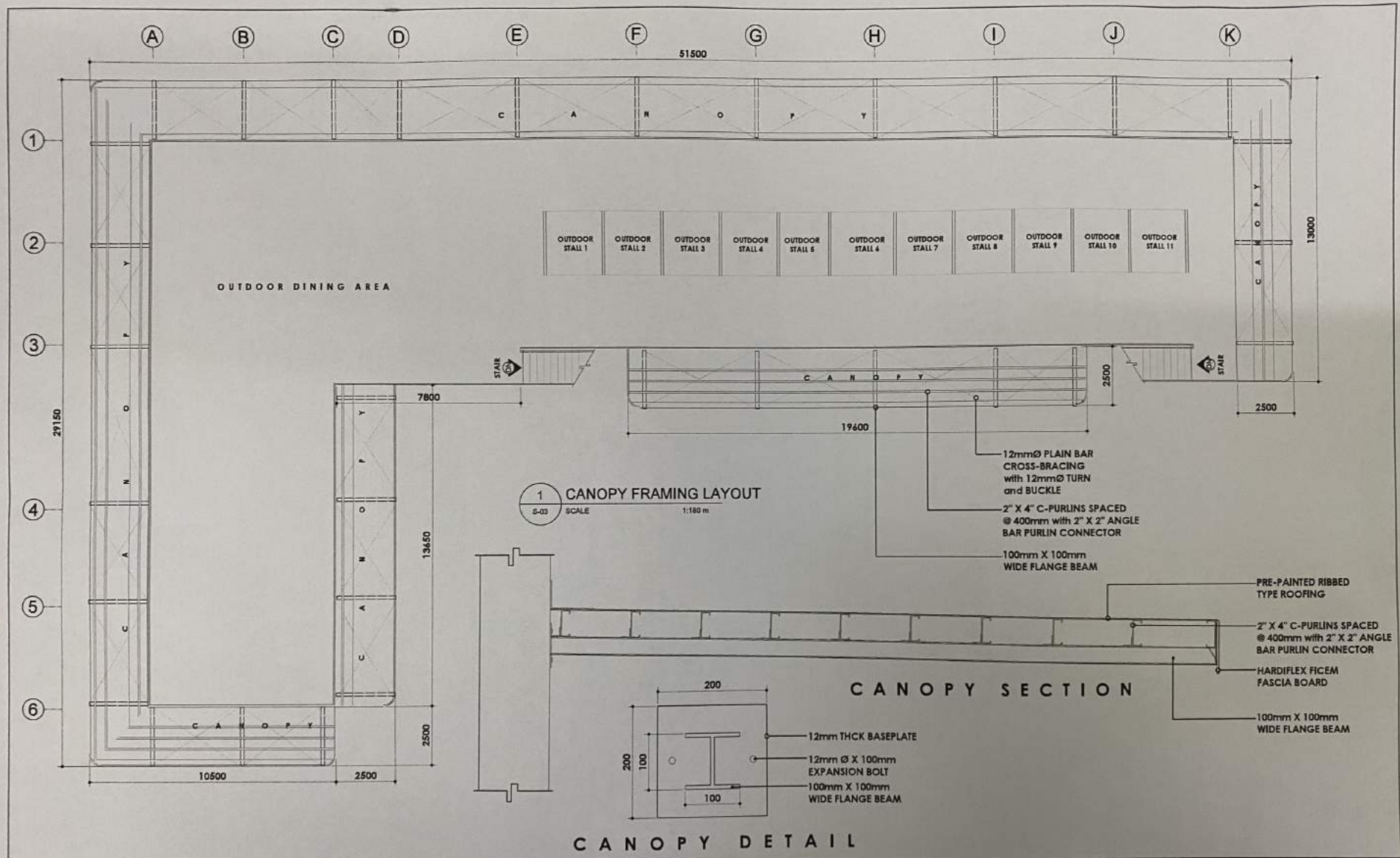
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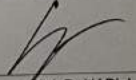
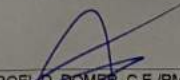
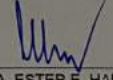
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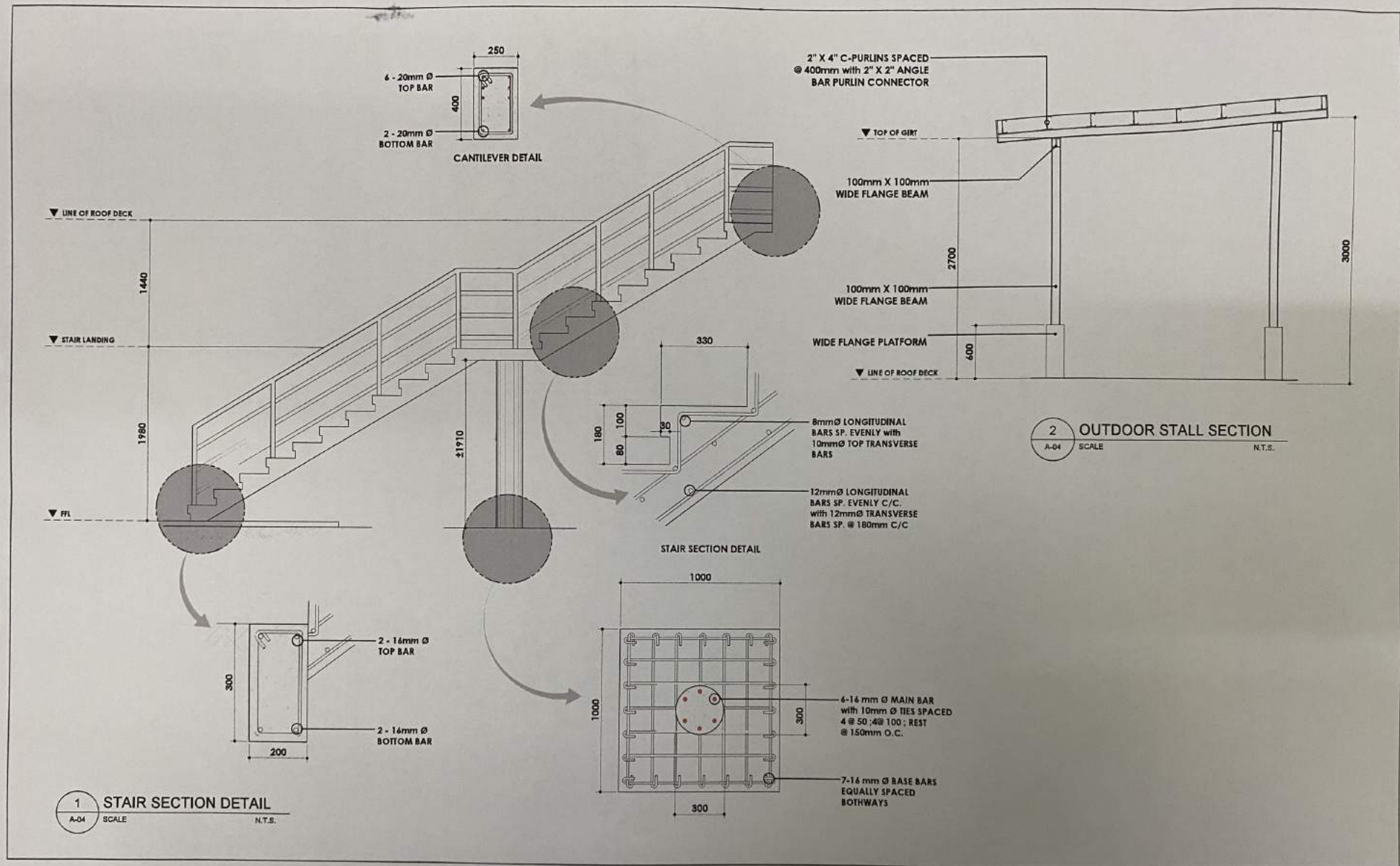
S-02

LAYOUT.dwg

Feb 13, 2022 - 7:47pm



 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	 IZRA D. HABLA ARCHITECTURAL AIDE	 ROEL D. BOMPER, C.E./RMP CITY ENGINEER	 MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	S-03
	LOC: SITIO PIGASUBANAI, BRGY. POBLACION, BACON DIST., SORSOGON CITY					



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: SITIO PIGSABUNAN, BRGY. POBLACION,
BACON DIST., SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

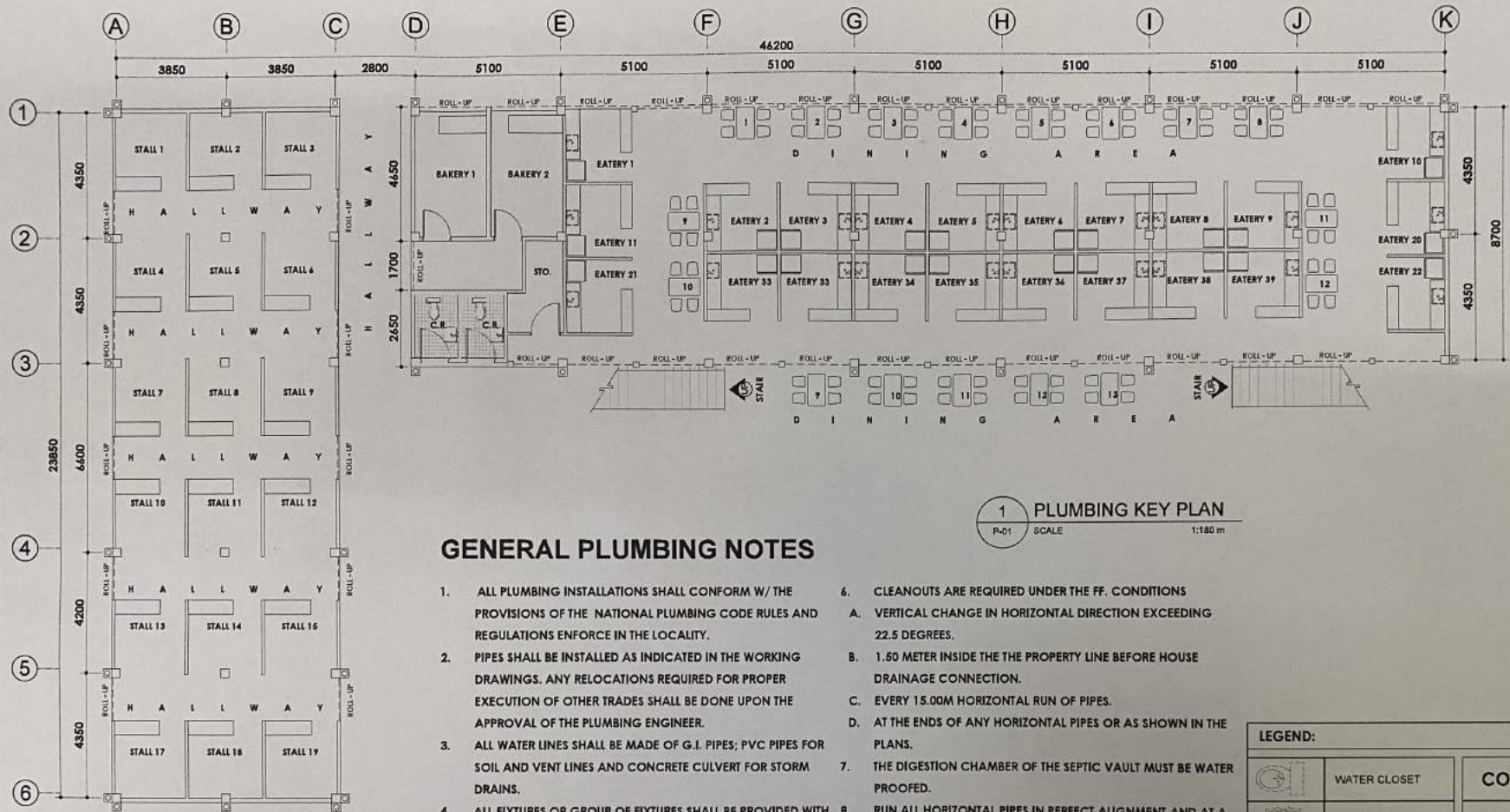
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

S-04



1 PLUMBING KEY PLAN
P-01 SCALE 1:180 m

GENERAL PLUMBING NOTES

- ALL PLUMBING INSTALLATIONS SHALL CONFORM W/ THE PROVISIONS OF THE NATIONAL PLUMBING CODE RULES AND REGULATIONS ENFORCE IN THE LOCALITY.
- PIPES SHALL BE INSTALLED AS INDICATED IN THE WORKING DRAWINGS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE DONE UPON THE APPROVAL OF THE PLUMBING ENGINEER.
- ALL WATER LINES SHALL BE MADE OF G.I. PIPES; PVC PIPES FOR SOIL AND VENT LINES AND CONCRETE CULVERT FOR STORM DRAINS.
- ALL FIXTURES OR GROUP OF FIXTURES SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVE.
- ALL DOWNSPOUT SHALL BE AT LEAST 75 MM DIAMETER.
- CLEANOUTS ARE REQUIRED UNDER THE FF. CONDITIONS
 - VERTICAL CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22.5 DEGREES.
 - 1.50 METER INSIDE THE THE PROPERTY LINE BEFORE HOUSE DRAINAGE CONNECTION.
 - EVERY 15.00M HORIZONTAL RUN OF PIPES.
 - AT THE ENDS OF ANY HORIZONTAL PIPES OR AS SHOWN IN THE PLANS.
- THE DIGESTION CHAMBER OF THE SEPTIC VAULT MUST BE WATER PROOFED.
- RUN ALL HORIZONTAL PIPES IN PERFECT ALIGNMENT AND AT A UNIFORM GRADE OF NOT LESS THAN TWO DEGREES.
- ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE W/ THE APPROVED PLANS AND UNDER THE DIRECT SUPERVISION AND CONTROL OF A LICENSED MASTER PLUMBER OR SANITARY ENGINEER.

LEGEND:

	WATER CLOSET	CO	CLEAN OUT
	LAVATORY	DS	DOWNSPOUT
	CATCH BASIN	GT	GREASE TRAP
	FAUCET		CLEAN WATER PIPE
	FLOOR DRAIN		DRAINAGE PIPE
	GATE VALVE - GV (NORMALLY OPEN)		SANITARY PIPE



SORSOGON CITY

CITY ENGINEER'S
OFFICE

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL Aide

RECOMMENDED BY:

ROB. D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

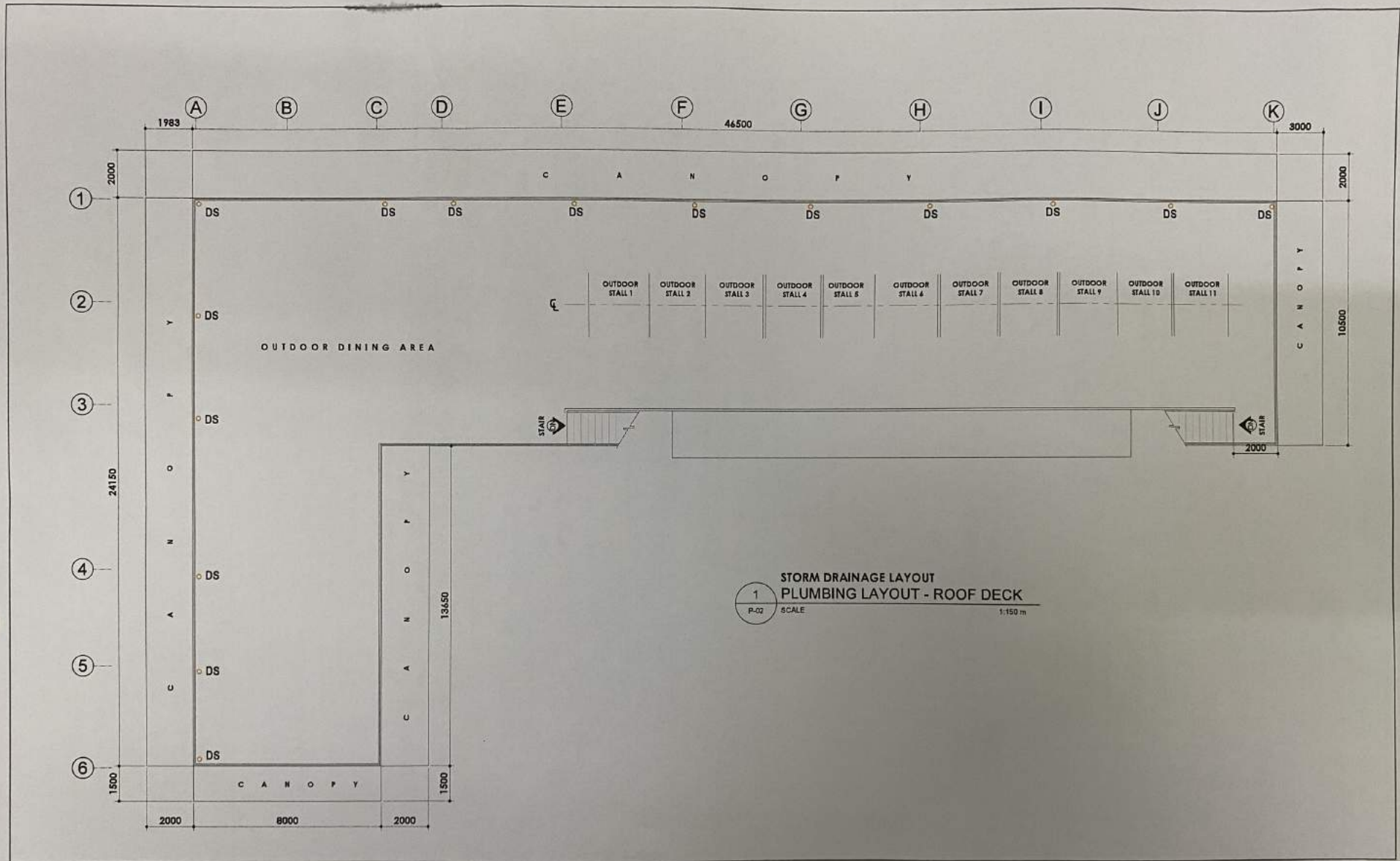
MA. ESTER E. HAMOR
CITY MAYOR

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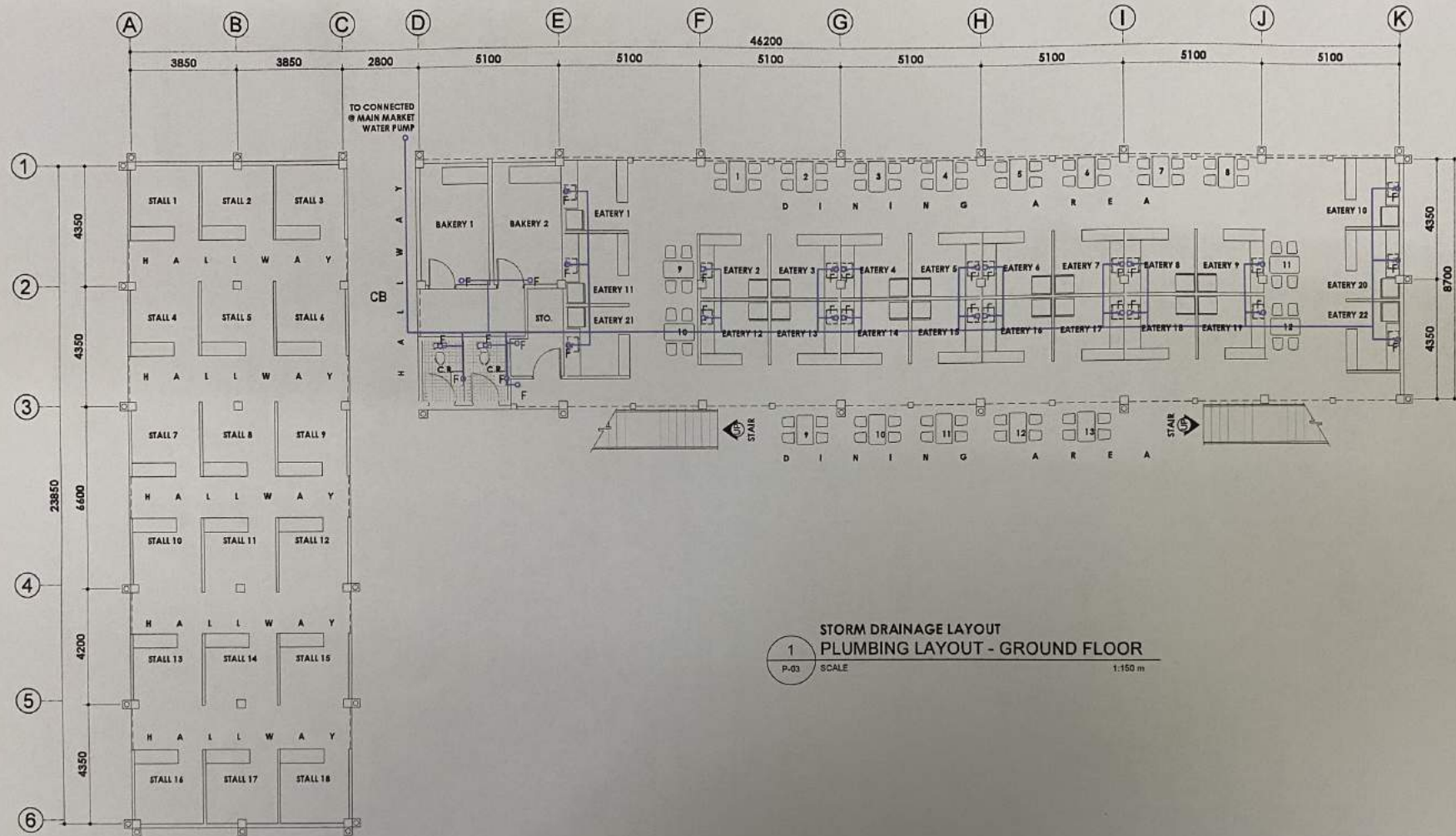
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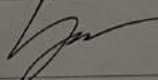
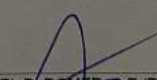
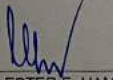
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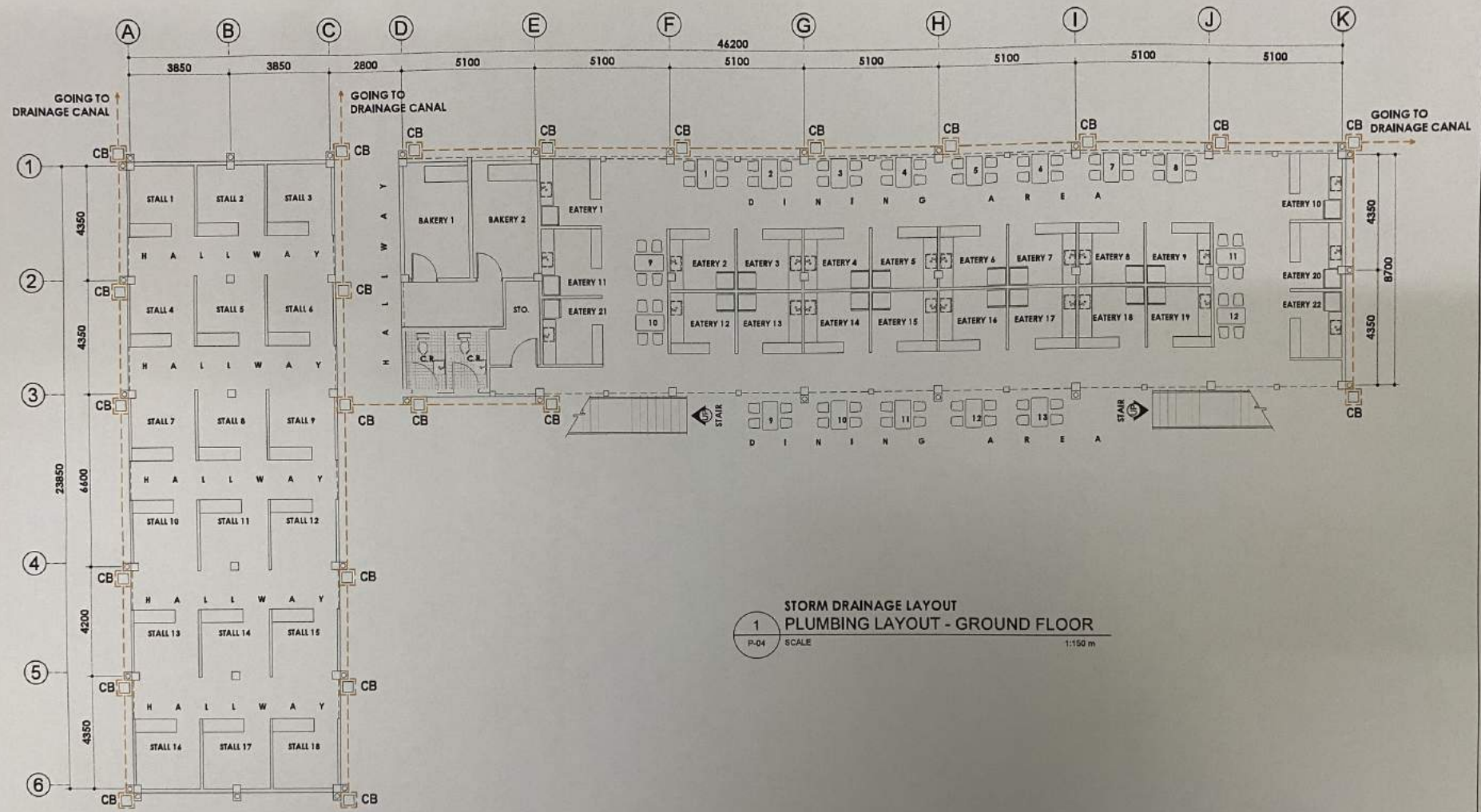
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 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE: IMPROVEMENT and REHABILITATION OF PUBLIC MARKET LOC: BROY, POBLACION, SITIO PIGSABURAH, BACON DIST, SORSOGON CITY	DRAWN BY: IZRA D. HABLA ARCHITECTURAL AIDE	RECOMMENDED BY: ROEL D. DOMER, C.E./RMP CITY ENGINEER	APPROVED BY: MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS SHOWN	SHEET NO. P-02
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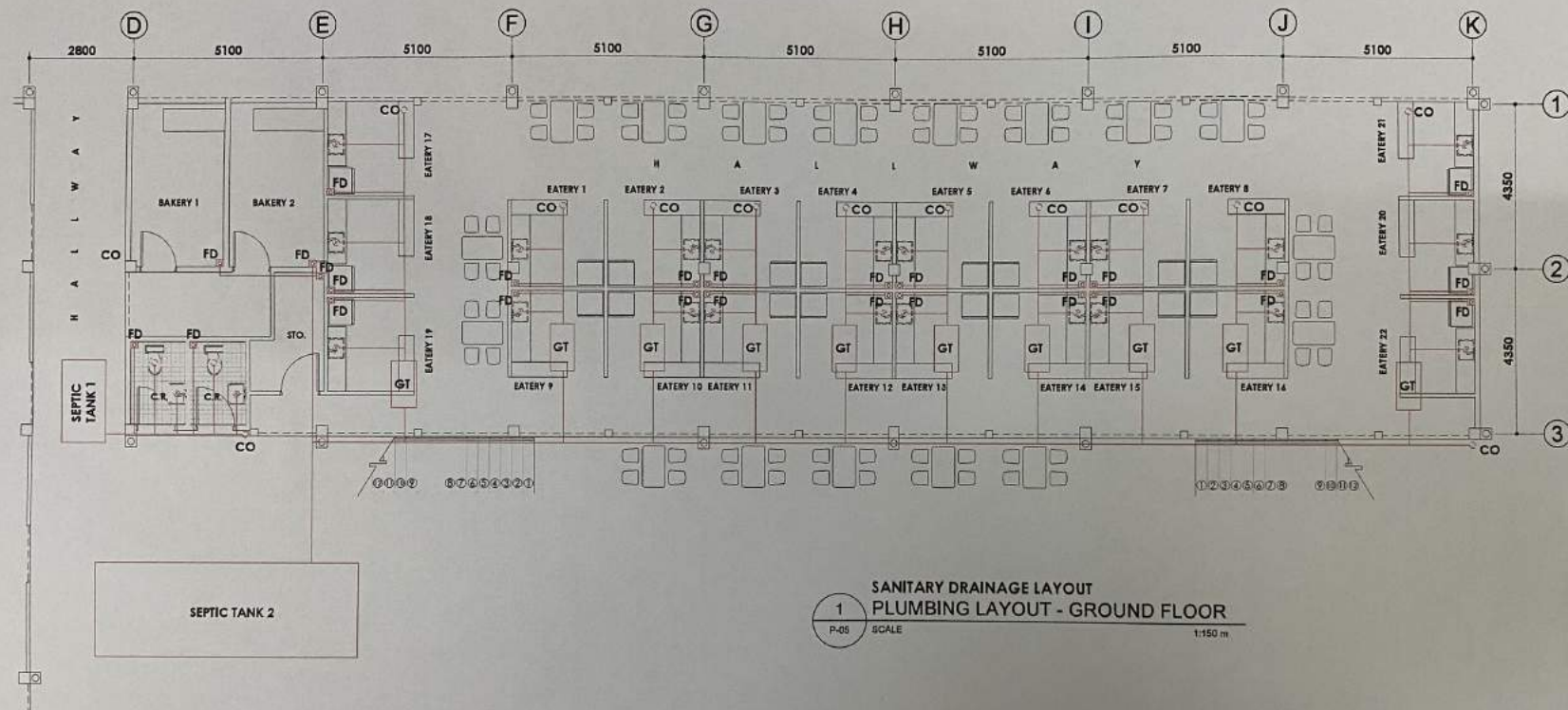
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	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET				AS SHOWN	P-03
	LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



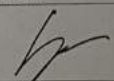
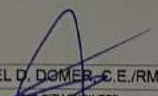
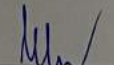
SORSOGON CITY
CITY ENGINEER'S
OFFICE

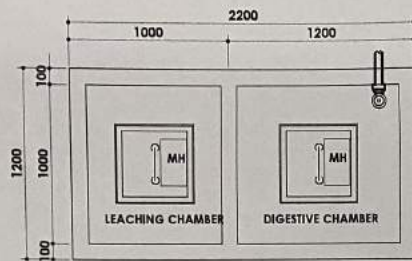
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Feb 13 2022 - 7:49pm

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	AS SHOWN	P-04
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL A. BOMER, C.E./RMP SUB-CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		

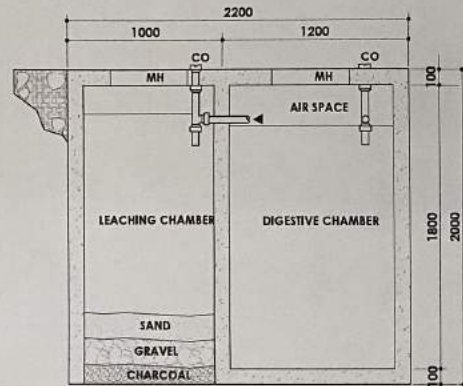


SORSOGON CITY
CITY ENGINEER'S
OFFICE

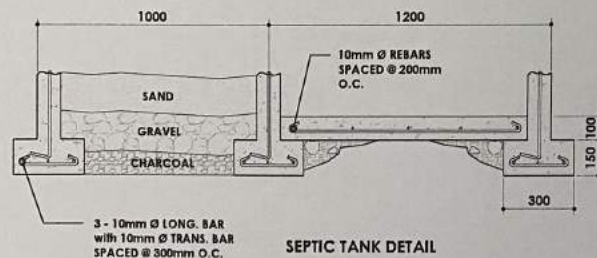
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IMPROVEMENT and REHABILITATION OF PUBLIC MARKET				AS SHOWN	P-05
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST., SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



SEPTIC TANK PLAN

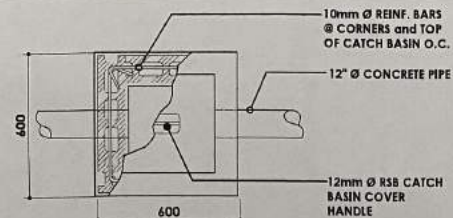


SEPTIC TANK SECTION

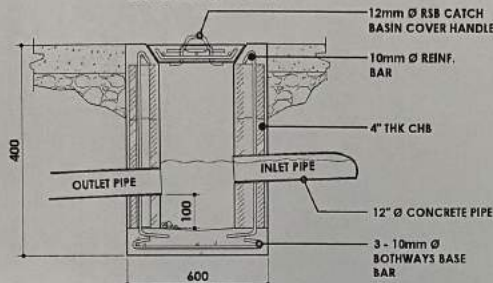


SEPTIC TANK DETAIL

1 SEPTIC TANK DETAIL - 1
P-06 SCALE NTS.

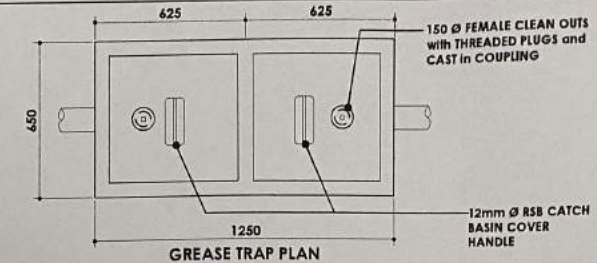


CATCH BASIN PLAN

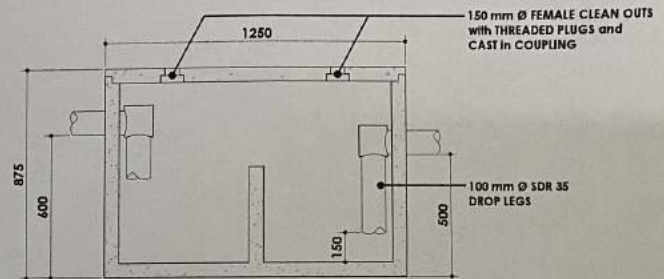


CATCH BASIN SECTION

2 CATCH BASIN DETAIL
P-06 SCALE NTS.

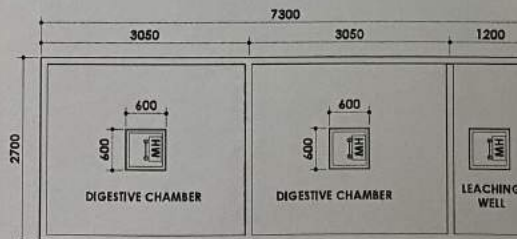


GREASE TRAP PLAN

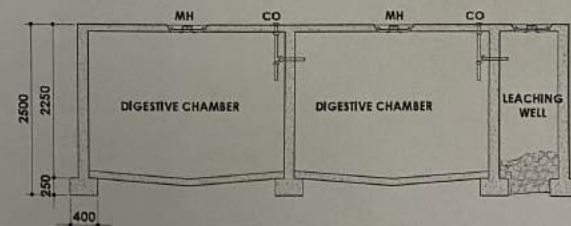


GREASE TRAP SECTION

3 GREASE TRAP DETAIL
P-06 SCALE NTS.



SEPTIC TANK 1 PLAN



SEPTIC TANK SECTION

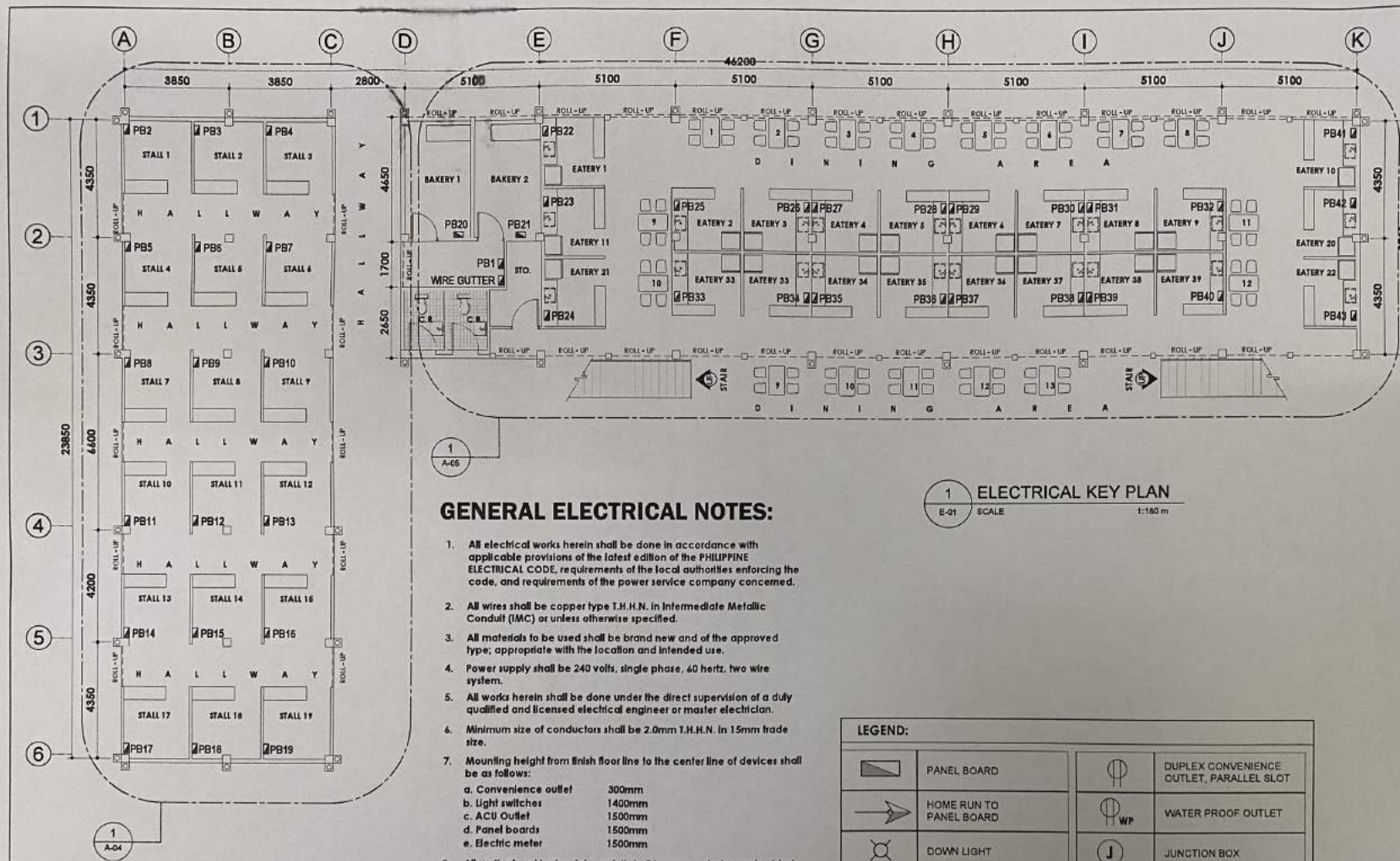
1 SEPTIC TANK DETAIL - 2
P-06 SCALE NTS.



SORSOGON CITY
CITY ENGINEER'S
OFFICE

LAYOUT.dwg
Feb 13 2022 - 7:49pm

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET				AS SHOWN	P-06
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. BOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



GENERAL ELECTRICAL NOTES:

- All electrical works herein shall be done in accordance with applicable provisions of the latest edition of the PHILIPPINE ELECTRICAL CODE, requirements of the local authorities enforcing the code, and requirements of the power service company concerned.
- All wires shall be copper type T.H.H.N. in Intermediate Metallic Conduit (IMC) or unless otherwise specified.
- All materials to be used shall be brand new and of the approved type, appropriate with the location and intended use.
- Power supply shall be 240 volts, single phase, 60 hertz, two wire system.
- All works herein shall be done under the direct supervision of a duly qualified and licensed electrical engineer or master electrician.
- Minimum size of conductors shall be 2.0mm T.H.H.N. in 15mm trade size.
- Mounting height from finish floor line to the center line of devices shall be as follows:

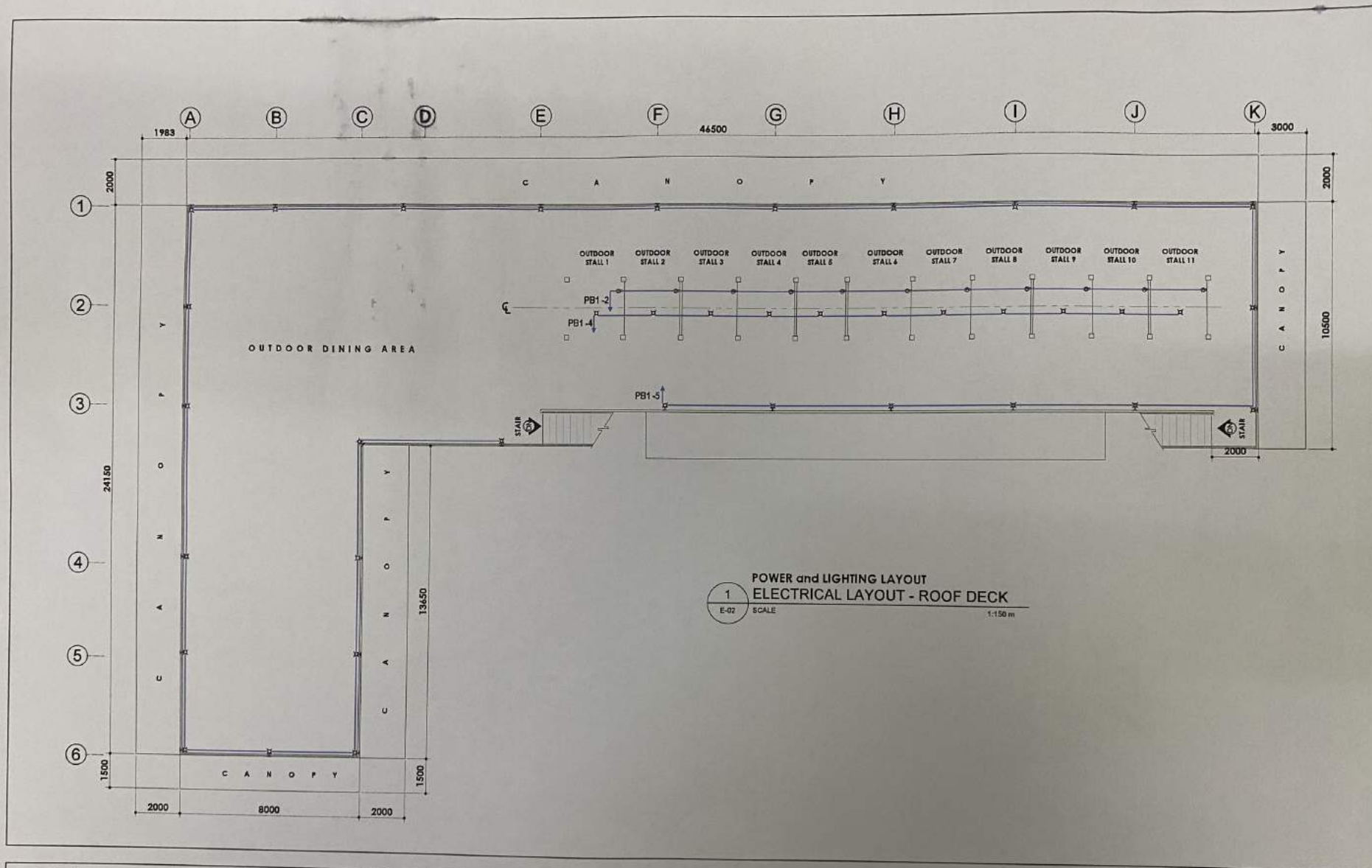
a. Convenience outlet	300mm
b. Light switches	1400mm
c. ACU Outlet	1500mm
d. Panel boards	1500mm
e. Electric meter	1500mm
- All vertical and horizontal conduit shall be concealed or embedded on concrete walls and floors.
- All conduits shall be properly reamed prior to installation to avoid damages to the side of the wire.
- Workmanship of the work throughout shall be executed in the best and most thorough manner known to the trade and to the satisfaction of the architect and the engineer.

1 ELECTRICAL KEY PLAN
E-01 SCALE 1:180 m

LEGEND:

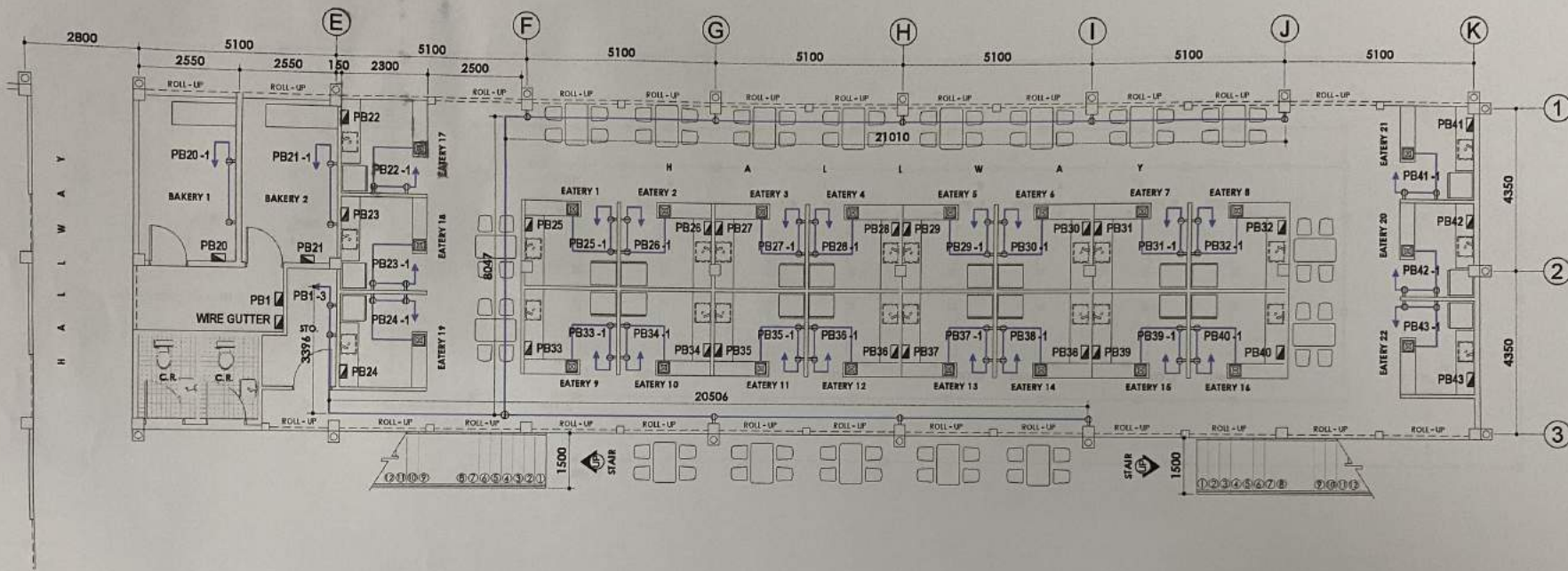
	PANEL BOARD		DUPLEX CONVENIENCE OUTLET, PARALLEL SLOT
	HOME RUN TO PANEL BOARD		WATER PROOF OUTLET
	DOWN LIGHT		JUNCTION BOX
	WALL LAMP		LIGHTING LINE
	EXHAUST FAN		POWER LINE

 SORSOGON CITY CITY ENGINEER'S OFFICE WORKS ON CITY ENGINEER'S OFFICE	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL Aide	ROEL D. DOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	E-01



 SORSOGON CITY CITY ENGINEER'S OFFICE	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRAO, HABLA ARCHITECTURAL AIDE	ROEL D. DOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	E-02

LAYOUT.dwg
Feb 13, 2022 - 7:50pm



POWER LAYOUT

BLOP - UP FLOOR PLAN

SCALE 1:100 m



SORSOGON CITY

CITY ENGINEER'S
OFFICE

PROJECT TITLE:

IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC: BRGY. POBLACION, SITIO PIGSABUNAN,
BACON DIST., SORSOGON CITY

DRAWN BY:

IZRA D. HABLA

ARCHITECTURAL Aids

RECOMMENDED BY:

ROEL D. DOMES, C.E./RMP
CITY ENGINEER

APPROVED BY:

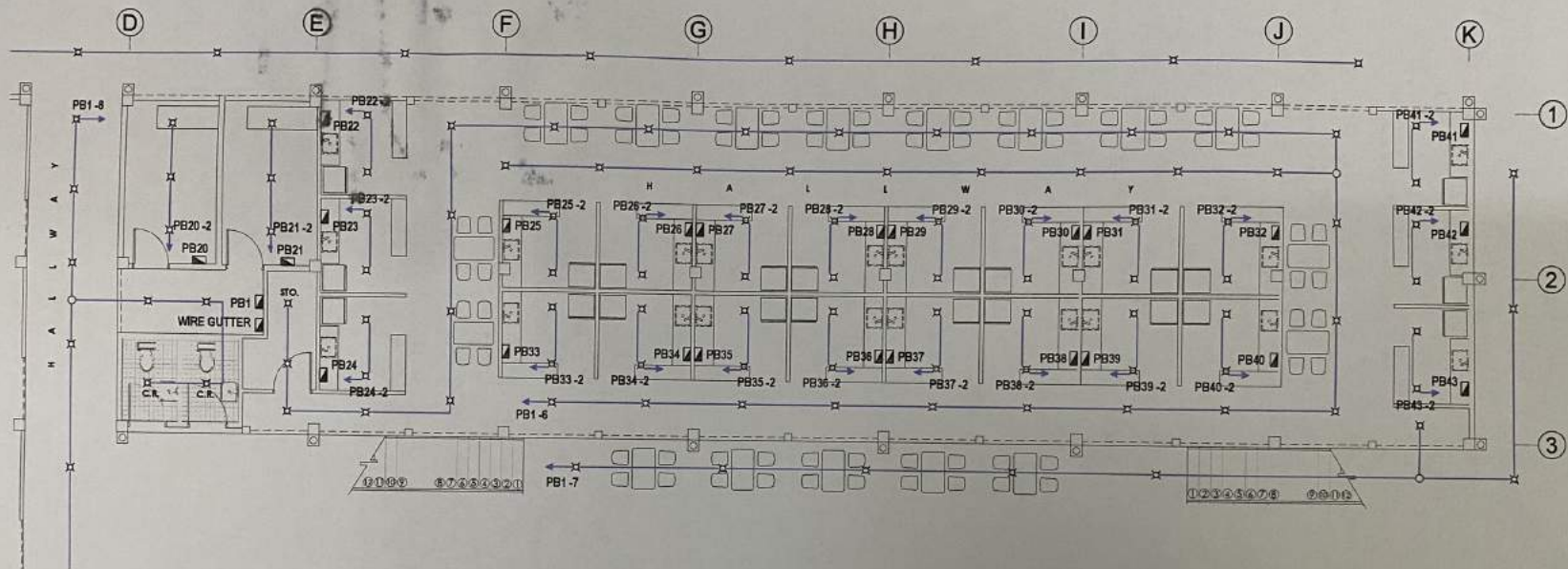
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:

AS SHOWN

SHEET NO.

E-03



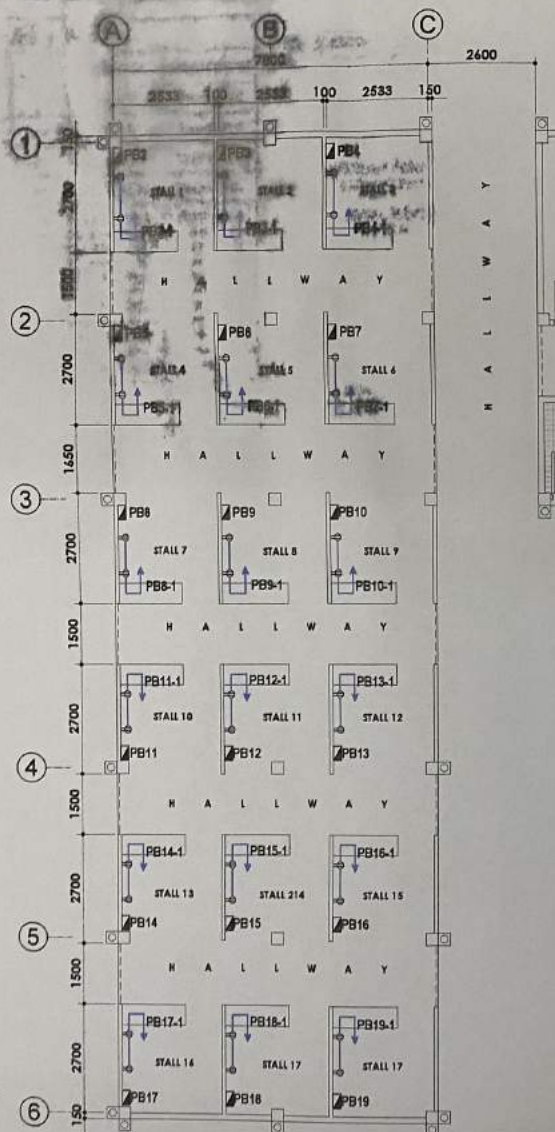
1
E-04
SCALE 1:100 m



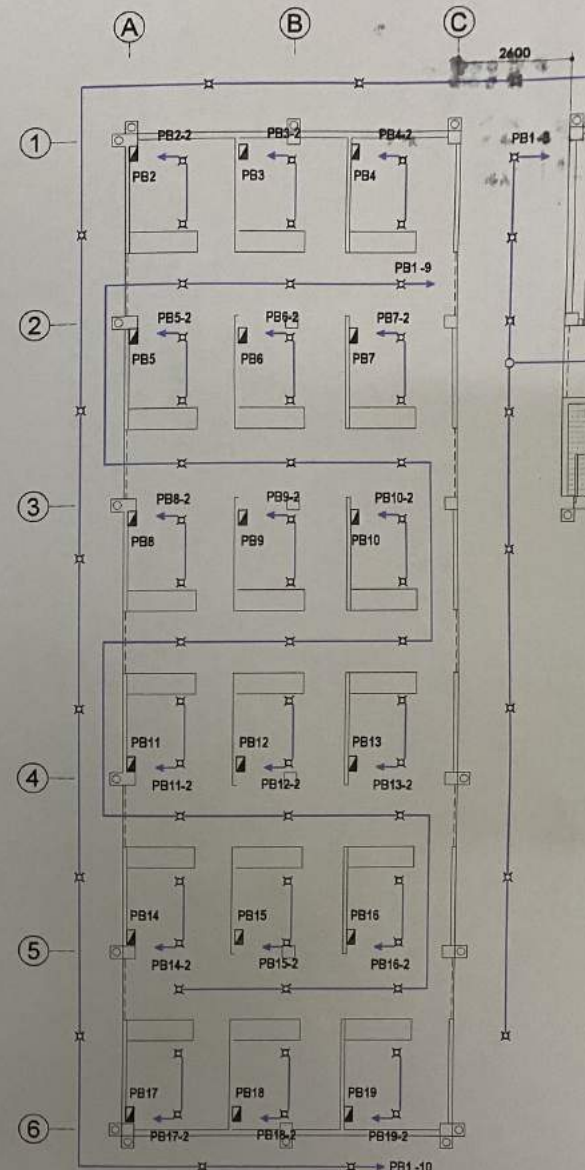
SORSOGON CITY
CITY ENGINEER'S
OFFICE

LAYOUT.dwg
Feb. 13 2022 - 7:51pm

PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
IMPROVEMENT and REHABILITATION OF PUBLIC MARKET	IZRA D. HABLA ARCHITECTURAL ADR	ROEL D. DOMER, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR	AS SHOWN	E-04
LOC: BRGY. POBLACION, SITIO PIGSABUNAN, BACON DIST, SORSOGON CITY					



2 LIGHTING LAYOUT BLOP - UP FLOOR PLAN
E-05 SCALE 1:130 m



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

LOC. BRGY. POBLACION, SITIO PIGSABUNAH,
BACON DIST, SORSOGON CITY

DRAWN BY:

IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:

ROEL D. DIMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
E-05

SCHEDULE OF LOADS @ PB-1

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1	MAIN		230			40 A	2 - 8.0mm ² THWN @ 30mm Ø PVC	30mm Ø UPVC
2	C.O. (WATER PROOF)	11	230	5.5	1265	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	C.O. (WATER PROOF)	10	230	7.8	1800	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
4	L.O.	11	230	3.4	254	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
5	L.O.	28	230	9.1	2108	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
6	L.O.	37	230	12.0	2775	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
7	L.O.	9	230	2.9	675	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
8	L.O.	12	230	3.9	912	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
9	L.O.	15	230	4.9	1125	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
10	L.O.	18	230	5.9	1350	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC

TYPICAL - SCHEDULE OF LOADS @ PB - 2 to PB - 19

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1			230			40 A	2 - 8.0mm ² THWN	25mm Ø UPVC
2	C.O. (WATER PROOF)	2	230	1.4	340	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	L.O.	2	230	0.7	160	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
4	SPARE		230					

TYPICAL - SCHEDULE OF LOADS @ PB - 20 to PB - 21

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1			230			40 A	2 - 8.0mm ² THWN	25mm Ø UPVC
2	C.O. (WATER PROOF)	2	230	1.4	340	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	L.O.	3	230	0.9	225	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
4	SPARE		230					

TYPICAL - SCHEDULE OF LOADS @ PB - 22 to PB - 43

CKT NO.	LOAD DESCRIPTION	QTY.	VOLTS	AMPERE	VA LOAD	CB RATING	WIRE SIZE	SIZE OF CONDUIT
1			230			40 A	2 - 8.0mm ² THWN	25mm Ø UPVC
2	C.O. (WATER PROOF)	2	230	1.4	340	20 A	2 - 3.5mm ² THWN	25mm Ø UPVC
3	L.O.	2	230	0.7	160	15 A	2 - 2.0mm ² THWN	25mm Ø UPVC
4	SPARE		230					

TOTAL VA @ PB-1

TOTAL VA = 13,530 VA
 $I_T = \frac{13,530 \text{ VA}}{230 \text{ V}} \times 0.85 \text{ D.F.}$
 = 58.8 A

TOTAL VA @ PB - 2 to PB - 19

TOTAL VA = 510 VA
 $I_T = \frac{510 \text{ VA}}{230 \text{ V}} \times 0.85 \text{ D.F.}$
 = 2.2 A

TOTAL VA @ PB - 20 to PB - 21

TOTAL VA = 585 VA
 $I_T = \frac{585 \text{ VA}}{230 \text{ V}} \times 0.85 \text{ D.F.}$
 = 2.5 A

TOTAL VA @ PB - 22 to PB - 43

TOTAL VA = 510 VA
 $I_T = \frac{510 \text{ VA}}{230 \text{ V}} \times 0.85 \text{ D.F.}$
 = 2.2 A

$$I_T = \frac{13,530 + 510 + 585 + 510}{230 \text{ V}} \times 0.85 \text{ D.F.}$$

$$= \frac{15,135 + 510 + 1,170 + 11,220}{230 \text{ V}} \times 0.85 \text{ D.F.}$$

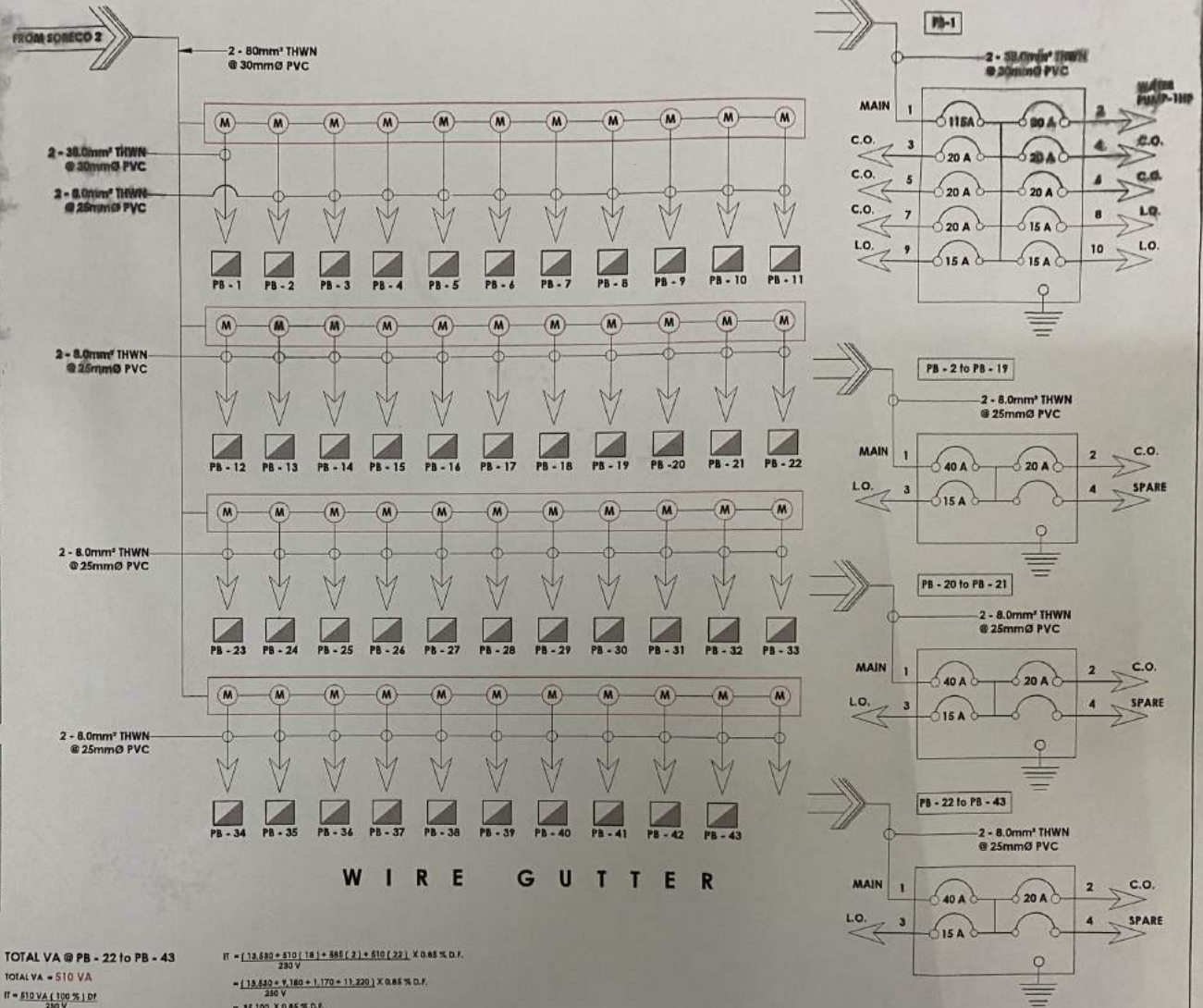
$$= \frac{27,035}{230 \text{ V}} \times 0.85 \text{ D.F.}$$

$$= 100.15 \times 0.85 \text{ D.F.}$$

$$= 85.13 \text{ A}$$

$$= 102.4 \times 0.85 \text{ D.F.}$$

$$= 87.04 \text{ A}$$



W I R E G U T T E R



SORSOGON CITY

CITY ENGINEER'S
O F F I C E

PROJECT TITLE:
IMPROVEMENT and REHABILITATION
OF PUBLIC MARKET

DRAWN BY:
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS SHOWN

SHEET NO.
E-06