

Project Title: Proposed PS San Pedro 02 Site Development			Prepared By:	Project No.
Project Duration: Ninety (90) Calendar Days				
Owner: City of San Fernando Water District			Approved By:	Sheet No.
Location: Barangay San Pedro, CSFP			Date:	

BREAKDOWN OF COST ESTIMATES									
Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
1.00	GENERAL REQUIREMENTS								
1.10	Temporary Facility	20.00	sq.m						
1.20	Power and Water Supply (includes processing of application)	1.00	lot						
1.30	PPEs	1.00	lot						
1.40	Equipment Cost, Fuel	90.00	days						
1.50	Permits (Brgy. Clearance, Building Permit, Occupancy Permit)	1.00	lot						
	1.5.1 Plans and Drawings (blue printing, signed and sealed from professionals)								
1.60	Mobilization/Demobilization	1.00	lot						
	PART I - PERMETER FENCE								
2.00	EARTH WORKS								
2.10	Excavation, Backfilling								
	2.1.1 Column Footing								
	a. C1F1 (28 sets - 1.00m x 1.00m x 1.00m)	7.10	cu.m.						
	b. W1F1 (0.40m x 0.80m x 55.88 m)	21.10	cu.m.						
2.20	Gravel Bedding								
	a. C1F1 (28 sets - 1.00m x 1.00m x 1.00m)	3.74	cu.m.						
	b. W1F1 (0.40m x 0.80m x 55.88 m)	6.61	cu.m.						
2.30	Embankment								

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
	Area = 421 sq.m. x 0.65 meter depth (from Road Lot)	273.65	cu.m.						
3.00	REINFORCING STEEL BARS								
3.10	Column Footings								
	2.1.10 C1F1 = 28 sets								
	a. 12mm diameter Deformed Bar Grade 33	451.30	kgs.						
	b. No.16 Tie Wire	10.00	kgs.						
3.20	Wall Footing								
	2.2.10 W1F1 = 83.88 meters								
	a. 12mm diameter Deformed Bar Grade 33	320.16	kgs.						
	b. No.16 Tie Wire	7.00	kgs.						
3.30	Grade Beam = 0.15m x 0.30m x 83.88 meters								
	a. 12mm diameter Deformed Bar Grade 33	293.44	kgs.						
	b. 10mm diameter Deformed Bar Grade 33	244.30	kgs.						
	c. No.16 Tie Wire	11.00	kgs.						
3.40	Columns								
	2.4.10 C1F1 = 28 sets (0.28m x 0.28m x 4.00 meter high)								
	a. 12mm diameter Deformed Bar Grade 40 (6.00 meters length)	430.11	kgs.						
	b. 10mm diameter Deformed Bar Grade 33	654.56	kgs.						
	c. No.16 Tie Wire	21.00	kgs.						
3.50	Walls = 72.60m x 3.80 meter high								
	a. 10mm diameter Deformed Bar Grade 33	632.20	kgs.						
	b. No.16 Tie Wire	14.00	kgs.						
3.60	Driveway								
	a. 10mm diameter Deformed Bar Grade 33	47.35	kgs.						
	b. No.16 Tie Wire	1.00	kgs.						

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
4.00	FORM WORKS								
4.10	Column Footings, Wall Footings, Footing Tie Beams, Batter Boards	49.44	sq.m.						
4.20	Columns	31.60	sq.m.						
4.30	Grade Beam	22.00	sq.m.						
4.40	Scaffoldings (staging type)	30.00	sq.m.						
5.00	CONCRETING - 3,000 psi at 28 days								
5.10	Column Footing	6.80	cu.m.						
5.20	Columns	14.10	cu.m.						
5.30	Wall Footing	7.34	cu.m.						
5.40	Grade Beam	8.25	cu.m.						
5.60	Driveway	1.30	cu.m.						
6.00	CHB WALLS								
6.10	a.125mm thk, CHB 300psi	325.50	sq.m.						
6.20	b.Plastering Works	410.15	sq.m.						
7.00	PAINTING WORKS	482.50	sq.m.						
8.00	FABRICATION AND INSTALLATION OF PITCH CYCLONE WIRE FENCE								
8.10	Fence 1: 2.60m x 0.45m	2.00	sets						
9.00	FABRICATION OF MAIN GATE								
9.10	D1 - 2.78m x 4.00m Steel Pipe Gate including accessories (painted)	1.00	set						
10.00	ELECTRICAL WORKS								

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
10.10	60W-120W Solar Street Lights	4.00	sets						
	TOTAL I								
	PART II - PUMP HOUSE								
1.00	EARTH WORKS								
1.10	Excavation, Backfilling								
	1.1.1 Column Footing								
	a. C1F2 (2 sets - 1.20m x 1.20m x 1.20m)	1.73	cu.m.						
	b. W1F1 (0.40m x 1.00m x 14.70m)	5.88	cu.m.						
1.20	Gravel Bedding								
	a. C1F1 (2 sets - 1.20m x 1.20m x 0.10m)	0.29	cu.m.						
	b. W1F1 (0.40m x 1.00m x 14.70m)	0.59	cu.m.						
	c. Concrete Slab = 16.40 sq.m.	1.64	cu.m.						
	d. Pavement = 20.00 sq.m.	2.00	cu.m.						
1.30	Embankment								
	Area = 16.40 sq.m.	4.92	cu.m.						
2.00	REINFORCING STEEL BARS								
2.10	Column Footings								
	2.1.10 C1F2 = 2 sets								
	a. 12mm diameter Deformed Bar Grade 33	42.56	kgs.						
	b. No.16 Tie Wire	1.00	kgs.						
2.20	Wall Footing								
	2.2.10 W1F1 = 12.30 meters								
	a. 12mm diameter Deformed Bar Grade 33	35.98	kgs.						

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
	b. No.16 Tie Wire	1.00	kgs.						
2.30	Grade Beam = 0.15m x 0.30m x 14.70 meters								
	a. 12mm diameter Deformed Bar Grade 33	43.01	kgs.						
	b. 10mm diameter Deformed Bar Grade 33	55.35	kgs.						
	c. No.16 Tie Wire	2.00	kgs.						
2.40	Columns								
	2.4.10 C1F2 = 2 sets (0.28m x 0.28m x 4.50 meter high)								
	a. 12mm diameter Deformed Bar Grade 33 (4.50 meters length)	31.92	kgs.						
	b. 10mm diameter Deformed Bar Grade 33	41.51	kgs.						
	c. No.16 Tie Wire	2.00	kgs.						
2.50	Walls = 41.76 sq.m.								
	a. 10mm diameter Deformed Bar Grade 33	96.31	kgs.						
	b. No.16 Tie Wire	2.00	kgs.						
2.60	Roof Beam = 0.15m x 0.30m x 15.00 meters								
	a. 12mm diameter Deformed Bar Grade 33	58.52	kgs.						
	b. 10mm diameter Deformed Bar Grade 33	55.35	kgs.						
	c. No.16 Tie Wire	3.00	kgs.						
2.70	Concrete Slab								
	a. 10mm diameter Deformed Bar Grade 33	49.00	kgs.						
	b. No.16 Tie Wire	1.00	kgs.						
2.80	Pavement = 2.50m x 8.00m								
	a. 10mm diameter Deformed Bar Grade 33	30.75	kgs.						
	b. No.16 Tie Wire	1.00	kgs.						
3.00	FORM WORKS								
3.10	Column Footings, Wall Footings, Footing Tie Beams, Batter Boards	3.29	sq.m.						

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
3.20	Columns	10.24	sq.m.						
3.30	Grade Beam	4.86	sq.m.						
3.40	Scaffoldings (staging type)	5.00	sq.m.						
4.00	CONCRETING - 3,000 psi at 28 days								
4.10	Column Footing								
	a. C1F2 (2 sets - 1.20m x 1.20m x 0.30m)	0.86	cu.m.						
4.20	Columns = 2 sets (0.28m x 0.28m x 3.80 meter high)	0.60	cu.m.						
4.30	Wall Footing = 0.40m x 0.20m x 83.88 meters length	1.76	cu.m.						
4.40	Grade Beam = 0.15m x 0.30m x 15.00 meters	0.68	cu.m.						
4.50	Roof Beam = 0.15m x 0.30m x 16.20 meters	0.73	cu.m.						
4.60	Concrete Slab = 0.10m thk, x 16.40 sq.m.	1.64	cu.m.						
4.70	Concrete Pavement = 0.10m thk x 20.00 sq.m.	2.00	cu.m.						
4.80	Concrete Canopy = 0.10m thk. x 0.60m x 16.00m	0.96	cu.m.						
5.00	CHB WALLS								
5.10	125mm thk, CHB 300psi	31.76	sq.m.						
5.20	Plastering Works	78.26	sq.m.						
6.00	DOORS								
6.10	D2 - 2.40m x 2.70m Tubular Steel Door including accessories (painted)	1.00	set						
6.20	D3 - 0.80m x 2.10m Tubular Steel Window including accessories (painted)	1.00	set						
6.30	D4 - 0.70m x 2.10m Tubular Steel Window including accessories (painted)	1.00	set						
7.00	WINDOWS								
7.10	W1 - 2.40m x 3.80m Tubular Steel Window including accessories (painted)	1.00	set						

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
7.20	W2 - 1.20m x 1.20m Prefab Concrete Louver Blocks (Painted)	1.00	set						
7.30	W3 - 0.90m x 1.20m Prefab Concrete Louver Blocks (Painted)	1.00	set						
7.40	W4 - 0.60m x 1.20m Prefab Concrete Louver Blocks (Painted)	1.00	set						
7.50	W5 - 0.40m x 2.30m Steel Grilles Window (Painted)	1.00	set						
8.00	ROOF FRAMING								
8.10	50mm x 150mm Channel Bar Rafters including consumables	23.86	sq.m.						
8.20	0.6mm Rib-Type Roofing Materials with double sided insulation	23.86	sq.m.						
8.30	Bended Materials	23.86	sq.m.						
9.00	CEILING WORKS								
9.10	4.5mm thk. Gypsum Board on Standard Furring and Channel	17.90	sq.m.						
9.20	Consumables	1.00	lot						
10.00	ELECTRICAL WORKS								
10.10	Panel Board Assembly	1.00	lot						
10.20	Wires and Cables	1.00	lot						
10.30	Lighting Fixtures and Accessories	5.00	sets						
10.40	Hardwares	1.00	lot						
11.00	PLUMBING/SANITARY WORKS								
11.10	Storm Drain	1.00	lot						
11.20	Water Line System	1.00	lot						
11.30	Drainage, Catch Basins	1.00	lot						
11.40	Fixtures	1.00	lot						
11.50	Septic Vault	1.00	lot						

Item	DESCRIPTION	Quantity	Unit	MATERIALS		LABOR/EQUIPMENT		DIRECT COST	
No.				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
12.00	PAINTING WORKS								
12.10	Walls	98.26	sq.m.						
12.20	Ceiling	35.23	sq.m.						
	TOTAL ESTIMATED DIRECT COST								
	OVERHEAD, CONTINGENCIES, MISCELLANEOUS (___%)								
	PROFIT (___%)								
	VAT (___%)								
	TOTAL CONSTRUCTION COST								

Prepared and Recommended By:

AR. ROCKY M. DUNGCA, Uap

Division Manager

Planning and Development

Approved By:

ENGR. NELSON G. LINGAT

General Manager



CITY OF SAN FERNANDO WATER DISTRICT

PROPOSED PS SAN PEDRO 02 SITE DEVELOPMENT

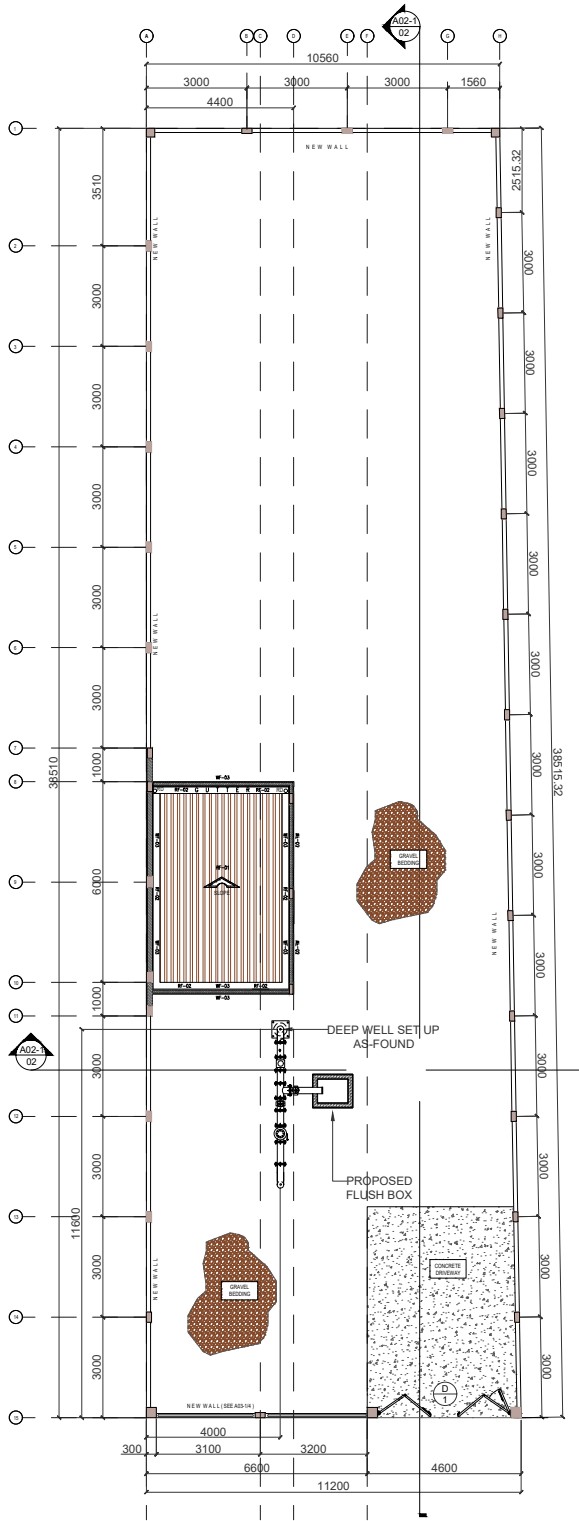
BRGY. SAN PEDRO, CITY OF SAN FERNANDO, PAMPANGA



1 PERSPECTIVE
A-00 NTS



2 VICINITY MAP
A-00 NTS



TOTAL LOT AREA: 123.00 sqm

NOTE:
LOT DIMENSIONS FOR COST REFERENCE

3 SITE DEVELOPMENT PLAN
A-00 1:50

P01-3 GRAVEL AREA DRAIN DETAIL
P01-4 FLUSH BOX PLAN
P01-5 FLUSH BOX SECTION
P01-6 FLUSH BOX FLOW SECTION

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Republic of the Philippines
Department of Public Works and Highways
OFFICE OF THE BUILDING OFFICIALS

District / City / Municipality

LAND USE & ZONING

LINE & GRADE

ARCHITECTURAL

STRUCTURAL

SANITARY

ELECTRICAL

MECHANICAL



CITY OF SAN FERNANDO WATER DISTRICT
B. MENDOZA ST., STO. ROSARIO, CITY OF SANFERNANDO, PAMPANGA

ARCHITECT:
AR. ROCKY M. DUNGCA

PRC NO. 0021874 DATE: 01-05-2026
PTR NO. 6021206 PLACE: CITY OF SAN FERNANDO, PAMPANGA

POSITION: DIVISION MANAGER
DIVISION: PLANNING & DEVELOPMENT

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R.A. 9266, ART IV SEC 33.

PROJECT NAME:
**PROPOSED SAN PEDRO 02
SITE DEVELOPMENT**

LOCATION:
BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:
AR. ROCKY M. DUNGCA
DIVISION MANAGER
PLANNING AND DEVELOPMENT DIVISION

ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

APPROVED:
ENGR. NELSON G. LINGAT, DPA
GENERAL MANAGER
CITY OF SAN FERNANDO WATER DISTRICT

ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

REVISION:

SHEET CONTENT:

CAD BY:

SHEET NO.

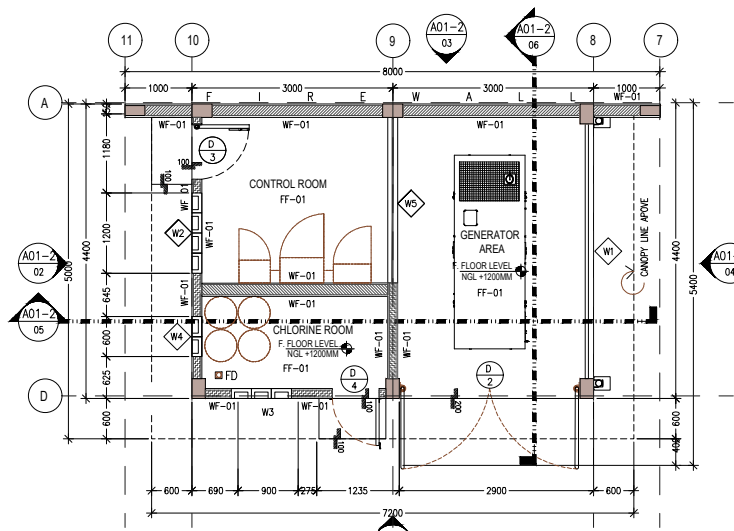
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CHECKED BY:

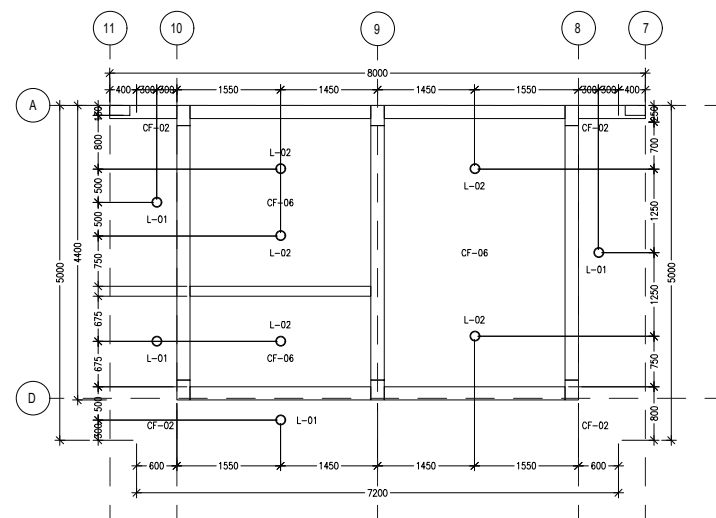
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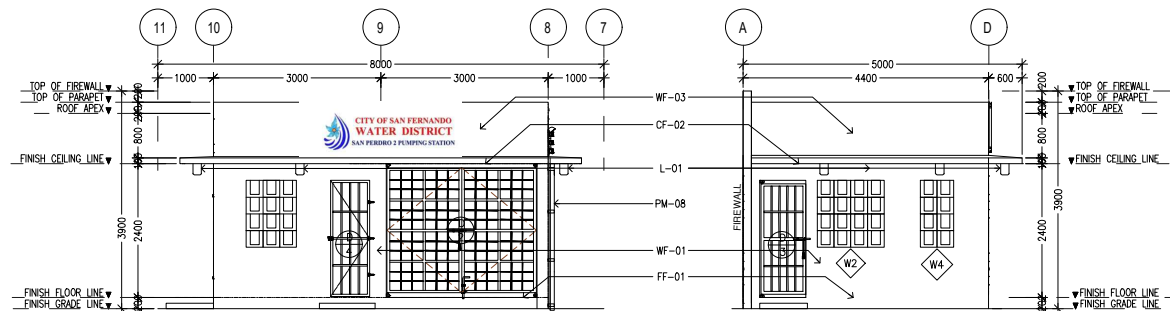
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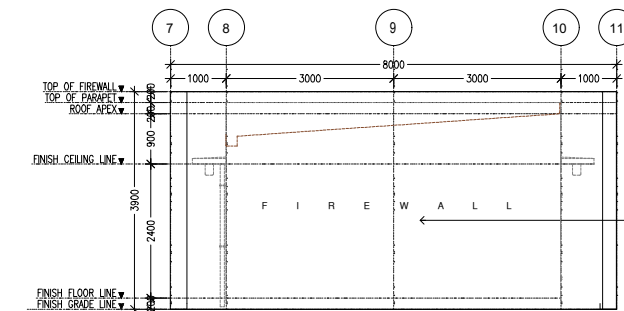
A01-1 FLOOR PLAN
01 SCALE: 1:50



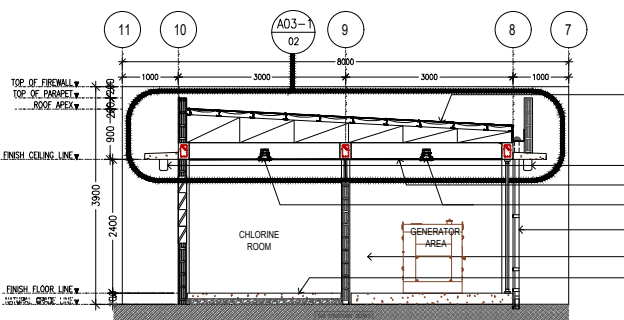
A01-1 REFLECTED CEILING PLAN
01 SCALE: 1:50



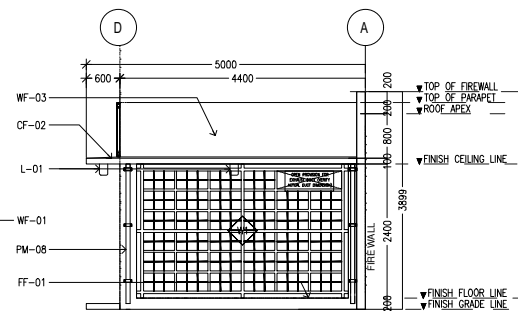
A01-2 FRONT ELEVATION
01 SCALE: 1:60M



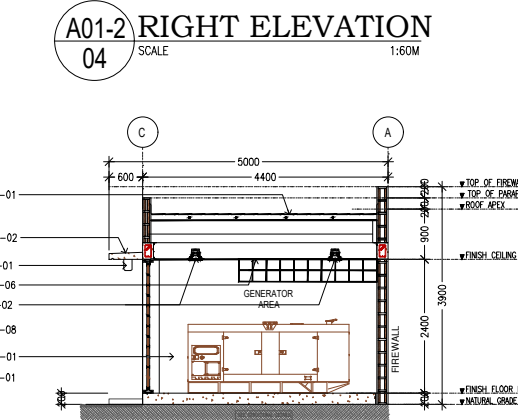
A01-2 REAR ELEVATION
03 SCALE: 1:60M



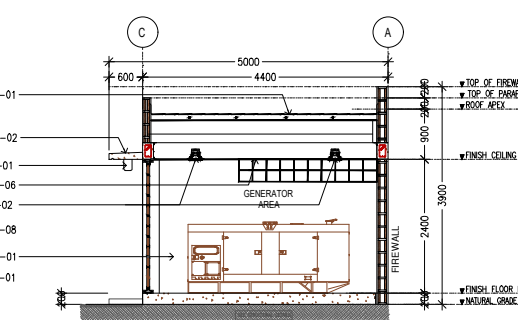
A01-2 LONGITUDINAL SECTION
05 SCALE: 1:60M



A01-2 LEFT ELEVATION
02 SCALE: 1:60M



A01-2 RIGHT ELEVATION
04 SCALE: 1:60M



A01-2 CROSS SECTION
06 SCALE: 1:60M

Partition Walls	
	NEW CHB WALL 150MM
	NEW CHB WALL 100MM
	PERIMETER FENCE WALL

General Notes/Legend	
Roofing Finish	
RF-01	- GA NO.26 RIBBED TYPE LONGSPAN ROO PRE-PAINTED COLOR BLUE
RF-02	- GA NO.26 G.I PLAIN SHEET FLASHING PP PAINTED COLOR BLUE
RF-03	- GA. NO. 24 BOX TYPE GUTTER PRE-PAINTED COLOR BLUE W/ BRASS STRAIN
Ceiling Finish	
CF-02	- CONCRETE LEDGE (100MM THK.) PLASTE FINISH PAINTED W/ PC-03
CF-06	- HARDIE FLEX BOARD (4MM THK.) IN META FURRING SYSTEM PAINTED W/ PC-01
Wall Finish	
WF-01	- CEMENT WALL PLASTER FINISH PAINTED W/ PC-01
WF-03	- PARAPET WALL PLASTER FINISH PAINTED W/ PC-01
WF-04	- CHB FENCE PLASTER PAINTED W/ PC-0
Floor Finish	
FF-01	- NON SKID CEMENT FLOOR FINISH
FF-09	- NON SKID CEMENT FLOOR IN BRISTLE BROOM FINISH
Lightings	
L-01	- APOLLO PINLIGHT W/ WHITE CYLINDRICAL COVER IN 10 WATTS LED
L-02	- FIREFLY FLESD4/E27 ESL DOWNLIGHT 4" W/ 10 WATTS LED
Plumbing Material	
PM-08	- 75MM PVC PIPE DOWNSPOUT IN PC-02
Paint Color	
PC-01	- OFFWHITE BOYSEN ELASTI-KOTE (PSRF #45175)
PC-02	- GRAY BOYSEN ELASTI-KOTE (PSRF #45174)
PC-03	- BLUE BOYSEN ELASTI-KOTE (PSRF #33883)
Metal Material	
MM-01	- SCH20 50MMØ STEEL PIPE PAINTED W/PC-02
MM-02	- 2X2 WIREMESH PAINTED W/ PC-02
MM-03	- 2x25MMX3MM FLAT BAR PAINTED W /PC-02
MM-04	- 50MMØ G.I STEEL PIPE (SCH. 20) EMBE & WELDED ON COLUMN PAINTED W/ PC-02
Legends	
	-SECTION TARGET A-000 (Module Block Title/Sheet No.)
	-EXTERIOR ELEVATION TARGET A-000 (Module Block Title/Sheet No.)
	GROUND FLOOR LEVEL F.F.L 100
	-FINISH FLOOR LEVEL
	-DOOR SCHEDULE (Location/Secondary Identifier)
	-WINDOW SCHEDULE (Window Mark & Number)
	-REFERENCE GRID 2
	-REFERENCE GRID A
FLOOR PLAN ORIENTATION	
PLAN NORTH	

1
A-01
PUMP HOUSE PLANS
1:50M

2
A-01
PUMP HOUSE ELEVATION AND SECTION
1:60M



ARCHITECT:
AR. ROCKY M. DUNGCA
PRC NO. 0021874 DATE: 01 - 05 - 2026
PTR NO. 6621206 PLACE: CITY OF SAN FERNANDO - PAMPANGA
POSITION: DIVISION MANAGER
DIVISION: PLANNING & DEVELOPMENT

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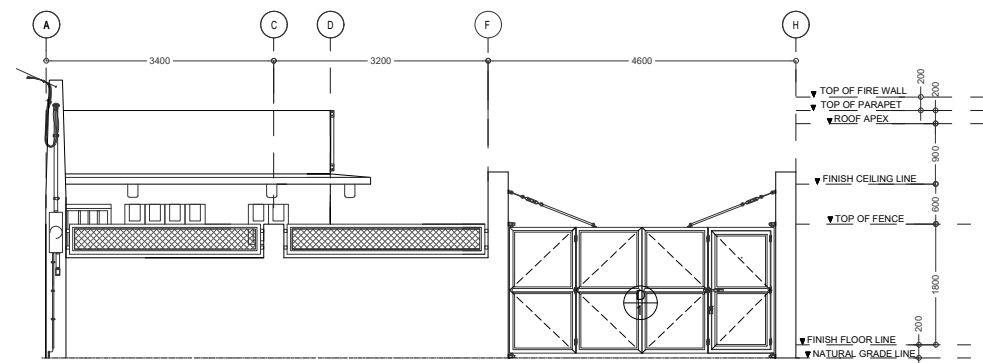
PROJECT NAME:
PROPOSED SAN PEDRO 02 SITE DEVELOPMENT
LOCATION:
BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:
AR. ROCKY M. DUNGCA
DIVISION MANAGER
PLANNING AND DEVELOPMENT DIVISION
ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

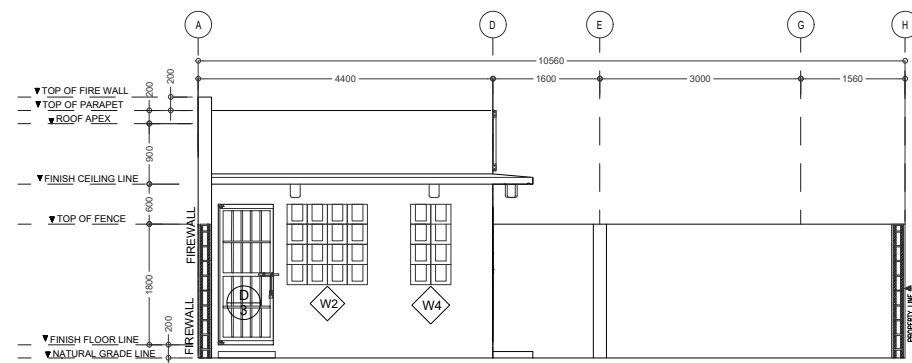
APPROVED:
ENGR. NELSON G. LINGAT, DPA
GENERAL MANAGER
CITY OF SAN FERNANDO WATER DISTRICT
ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

REVISION:
SHEET CONTENT:

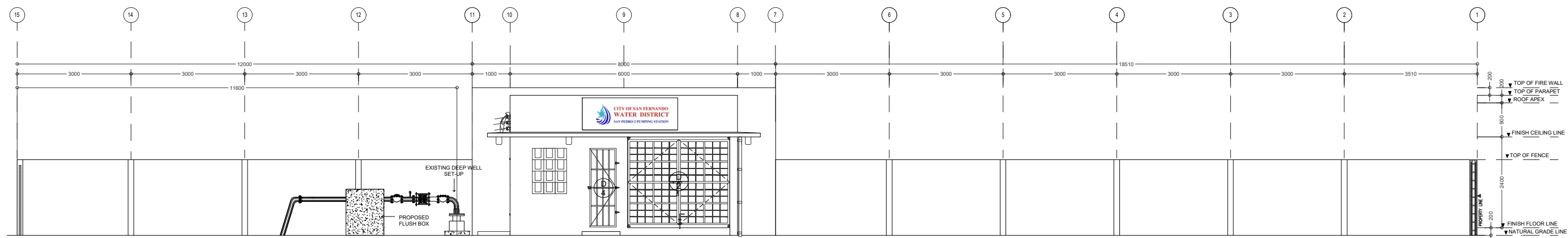
CAD BY:
DESIGNED BY:
CHECKED BY:
DATE:
A-01
02 OF 05



A02-1
01 **SITE FRONT ELEVATION**
SCALE: 1:100



A02-1
02 **SITE CROSS SECTION**
SCALE: 1:100



A02-1
03 **SITE LONGITUDINAL SECTION**
SCALE: 1:100



ARCHITECT:
AR. ROCKY M. DUNGCA
PRC NO. 0021874 DATE: 01 - 05 - 2026
PTR NO. 6621206 PLACE: CITY OF SAN FERNANDO, PAMPANGA
POSITION: DIVISION MANAGER
DIVISION: PLANNING & DEVELOPMENT

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R.A. 9266, ART IV SEC 33.

PROJECT NAME:
PROPOSED SAN PEDRO 02 SITE DEVELOPMENT

LOCATION:
BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:
AR. ROCKY M. DUNGCA
DIVISION MANAGER
PLANNING AND DEVELOPMENT DIVISION

ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

APPROVED:
ENGR. NELSON G. LINGAT, DPA
GENERAL MANAGER
CITY OF SAN FERNANDO WATER DISTRICT

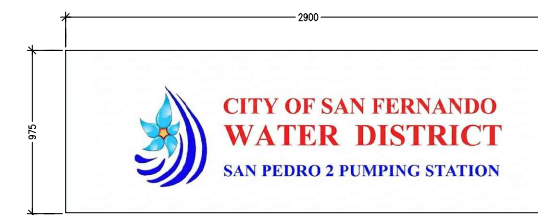
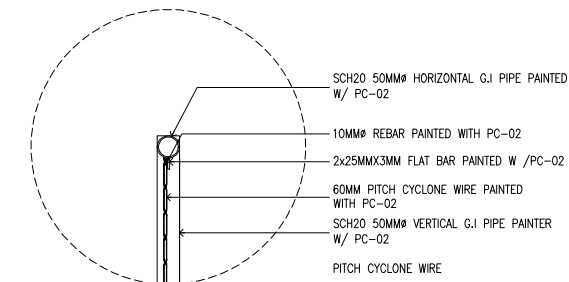
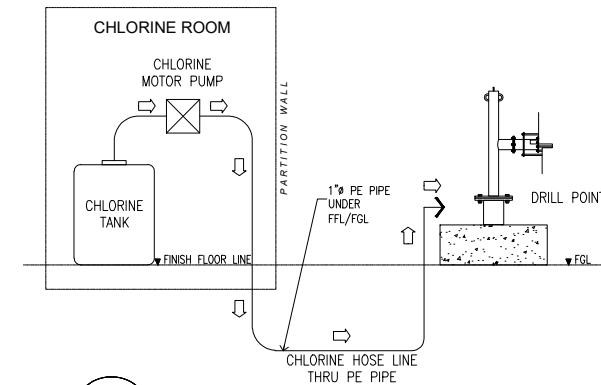
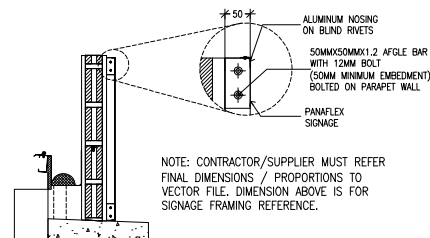
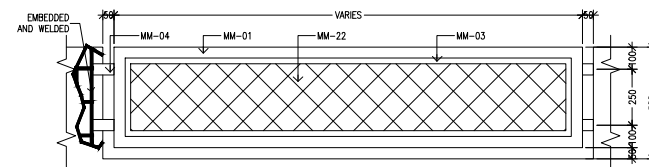
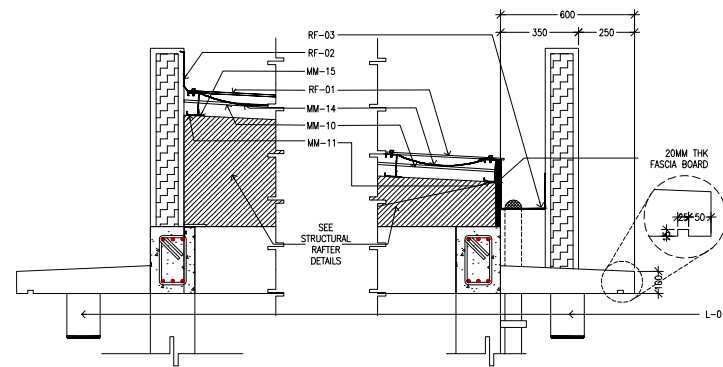
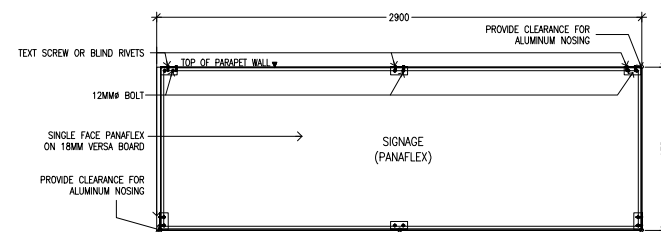
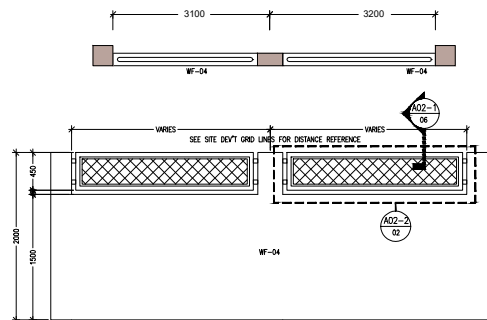
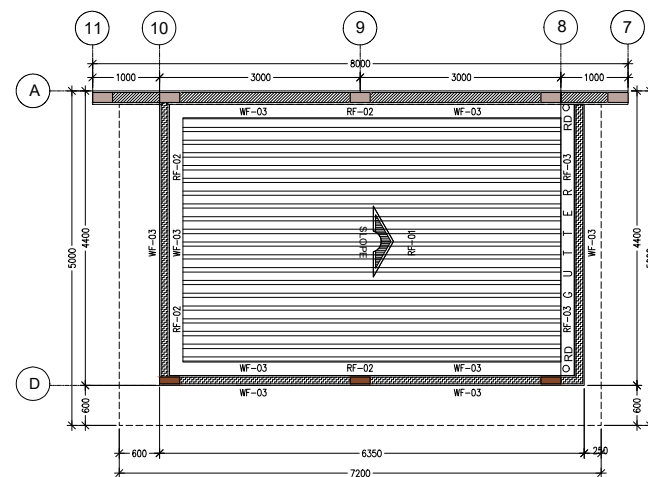
ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

REVISION:
1
2

SHEET CONTENT:

CAD BY:
DESIGNED BY:
CHECKED BY:
DATE:

SHEET NO.
A-02
03 OF 05



General Notes/Legend	
Partition Walls	
	- NEW CHB WALL 150MM
	- NEW CHB WALL 100MM
	- PERIMETER FENCE WALL
Roofing Finish	
RF-01	- G.A NO.28 REBED TYPE LONGSPAN ROOF PRE-PAINTED COLOR BLUE
RF-02	- G.A NO.26 GJ PLAIN SHEET FLASHING PRE PAINTED COLOR BLUE
RF-03	- G.A. NO. 24 BOX TYPE GUTTER PRE-PAINTED COLOR BLUE W/ BRASS STRAINER
Ceiling Finish	
PC-03	- CONCRETE LEDGE (100MM THK.) PLASTER FINISH PAINTED W/ PC-01
Wall Finish	
WF-02	- ACCENT WALL PLASTER FINISH PAINTED W/ PC-03
WF-03	- PARAMET WALL PLASTER FINISH PAINTED W/ PC-01
WF-04	- CHB FENCE PLASTER PAINTED W/ PC-01
Lightings	
L-01	- APOLLO PINLIGHT W/ WHITE CYLINDRICAL COVER IN 10 WATTS LED
Plumbing Material	
PM-08	- 75MM PVC PIPE DOWNSPOUT
Metal Material	
MM-01	- SCH20 50MMID STEEL PIPE PAINTED W/PC-02
MM-02	- 232 WIREMESH PAINTED W/ PC-02
MM-03	- 2x25MMx3MM FLAT BAR PAINTED W /PC-02
MM-04	- 50MMID GJ STEEL PIPE (SCH. 20) JEMBED & WELDED ON COLUMN PAINTED W/ PC-02
MM-10	- 10MMID SAGROD IN EPOXY PRIMER PAINT FINISH
MM-11	- 75MMx38MMx15MMx2.0MM C-CHANNEL STEEL PURLINS IN EPOXY PRIMER PAINT FINISH
MM-14	- 10MM THK. ONESIDED INSULATION
MM-15	- PURLINS CLEATS IN EPOXY PRIMER PAINT FINISH
MM-20	- 4" X 4" ANGLE BAR IN EPOXY PRIMER PAINT FINISH
Paint Color	
PC-01	- OFFWHITE BOYSEN FLASTI-KOTE (PSRF #45175)
PC-02	- GRAY BOYSEN ELASTI-KOTE (PSRF #45174)
PC-03	- BLUE BOYSEN ELASTI-KOTE (PSRF #33883)
Notes	
CONTRACTOR TO SUBMIT SHOP DRAWING PRIOR TO APPROVAL AND FABRICATION AS REQUIRED TYP. REFER TO PLAN FOR FINAL QUANTITY CONTRACTOR TO PROVIDE MOCKUP SAMPLE AT/SITE PRIOR TO/ON TO APPROVAL BOTH BY THE ARCHITECT AND THE OWNER AS REQUIRED TYP. ALL LIGHTINGS FIXTURES IS SUBJECT TO ARCHITECTS/DESIGNER FINAL APPROVAL.	
FLOOR PLAN ORIENTATION	
	

A. GENERAL

- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN, CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACINGS OF THE STRUCTURE FOR ALL LOADS THAT MAYBE IMPOSED DURING CONSTRUCTION.

B. CONCRETE & REINFORCEMENT

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS :

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE
CURBS & SLAB ON GRADE EXCEPT FOUND.	3000 PSI(211KG/SQ. CM)	1 IN. (25MM.)
FOUNDATION & RETAINING WALL	3000 PSI(211KG/SQ. CM)	3/4 IN. (19MM.)
COLUMNS	3000 PSI(211KG/SQ. CM)	3/4 IN. (19MM.)
BEAMS & SLABS	3000 PSI(211KG/SQ. CM)	3/4 IN. (19MM.)

- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 WITH A MINIMUM YIELD STRENGTH OF 40,000PSI (GRADE 40) OR 275MPa FOR #12 AND ABOVE AND 33,000PSI (GRADE 33) OR 228MPa FOR #10 AND BELOW.
- IN GENERAL, THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO, UNLESS OTHERWISE SHOWN OR NOTED.
- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

SUSPENDED SLABS	3/4 IN. (19 MM.)
SLAB ON GRADE	1 1/2 IN. (38 MM.)
WALLS ABOVE GRADE	1 IN. (25 MM.)
BEAM STIRRUPS AND COLUMN TIES	1 1/2 IN. (38 MM.)

- WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS
- WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH

- SPICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.

- ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.

- CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOOLS, EQUIPMENTS, AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.

- ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
- STRIPPING OF FORMS AND SHORES:

FOUNDATION	24 HRS.
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
WALLS	18 HRS.
BEAMS	14 DAYS

C. CAMBER REQUIREMENTS

- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS CAMBER ALL R.C. BEAMS AT LEAST 10mm. FOR EVERY 4000mm. OF CLEAR SPAN EXCEPT CANTILEVERS WHICH SHALL BE 50mm. FOR EVERY 3000mm. OF CLEAR SPAN.

- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER ALL R.C. 8mm. PIER 3000mm. OF SHORTER SPAN AND 14mm. FOR EVERY 2000mm OF SLABS CANTILEVER SPAN.

D. STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 Fy=36,000 PSI.
- ALL COLD FORMED STEEL SHALL HAVE A MINIMUM STRENGTH, Fy=33,000 PSI.
- WELDING SHALL CONFORM TO AWS STANDARDS.
- UNLESS INDICATED OTHERWISE, WELDING ELECTRODES SHALL BE E70XX, MINIMUM THICKNESS OF WELD SHALL BE 3MM.
- UNLESS OTHERWISE INDICATED ALL ANCHOR BOLTS SHALL CONFORM TO A307 SPECIFICATIONS.
- BOLTS FOR MEMBER CONNECTIONS SHALL BE HIGH STRENGTH BOLTS, CONFORM TO ASTM A325 FRICTION TYPE WITH WASHERS.

- FABRICATOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL OF THE ENGINEER AND THE OWNER FOR FABRICATION.

E. FOUNDATION

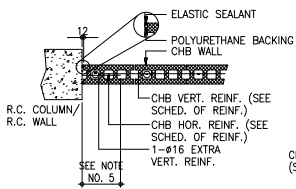
- FOOTINGS ARE DESIGNED TO REST ON SOIL AT A MINIMUM DEPTH OF 1.2M BELOW NGL., OR UNTIL HARD STRATA.
- FOOTINGS WERE DESIGNED USING AN ALLOWABLE SOIL BEARING CAPACITY OF 100kPa (2088 PSF) AT DEPTHS INDICATED IN THE DRAWING. CONFIRMATION OF ACTUAL BEARING CAPACITY SHOULD BE DONE PRIOR TO CONSTRUCTION OF FOUNDATION. INCREASE IN FOUNDATION SIZE SHALL BE DONE WHEN ACTUAL SOIL BEARING CAPACITY CONFIRMED DURING EXCAVATION.
- FOUNDATION SHALL REST ON NATURAL SOIL. UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL FOR ISOLATED FOOTING.
- FILL/BACKFILL SHALL BE PLACED IN 200MM LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY BEFORE SUBSEQUENT LAYERS ARE TO BE LAID.

F. CONCRETE MASONRY UNITS (CMU)

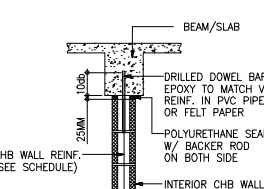
- ALL CONCRETE BLOCKS MUST DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4.50 MPa UNLESS OTHERWISE NOTED IN PLANS.
- PROVIDE 1-#16 EXTRA VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS, AND EACH SIDE OF OPENINGS AS SHOWN.
- UNTEL BEAMS OR UNTEL BLOCKS SHALL BEAR AT LEAST 8 INCHES (200 MM.) ON EACH SIDE OF MASONRY WALL OPENING.
- WALL REINFORCEMENTS SHALL BE AS FOLLOWS:

WALL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
EXTERIOR WALL	6 IN. (150 MM.)	#10 @ 400 MM. # 10 @ 600 MM.
FENCE WALL	5 IN. (125 MM.)	#10 @ 400 MM. # 10 @ 600 MM.
INTERIOR WALL	4 IN. (100 MM.)	#10 @ 400 MM. # 10 @ 600 MM.

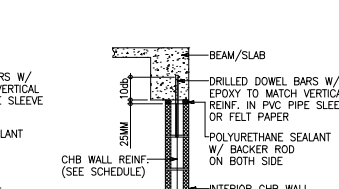
- BLOCK WALL REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 30 BAR DIAMETERS WHERE SPICED, HORIZONTAL/VERTICAL DOWELS FROM FOOTINGS, COLUMNS/WALLS OR SLABS SHALL EXTEND INTO THE BLOCK WALL A MINIMUM OF 30 BAR DIAMETERS OR A MINIMUM OF 400 mm. WHICHEVER IS LONGER AND DOWELS TO MATCH VERTICAL REINFORCEMENTS OF WALL.
- ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT. (REFER TO SPECIFICATIONS)
- VERTICAL REINFORCING SHALL BE CONTINUOUS FROM STRUCTURAL LEVEL TO STRUCTURAL LEVEL UNLESS OTHERWISE NOTED.
- HORIZONTAL SPACING SHALL START AND END FROM NOT MORE THAN 1/2 THE SCHEDULE SPACING.
- SPICES IN HORIZONTAL REINF. SHALL BE STAGGERED. SPICES IN TWO CURTAINS SHALL NOT OCCUR IN THE SAME LOCATION.
- THIS TABLE APPLIES TO WALLS WHICH ARE ARCHITECTURALLY EXPOSED TO VIEW.
- TENSION SPICES SHALL BE AS FOR SEISMIC TENSION SPICES.



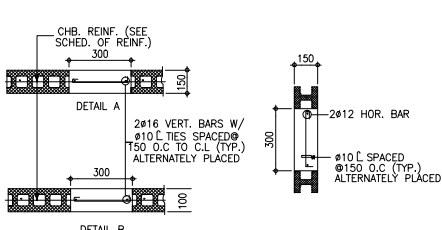
WALL REINFORCING AT R.C.COLUMN/WALL



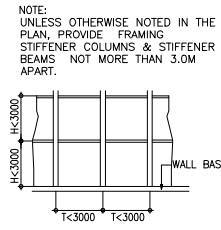
INTERIOR WALL SUPPORT AT BOTTOM OF SLAB/BEAM



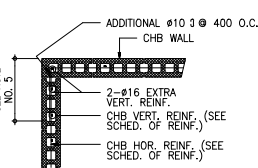
EXTERIOR WALL SUPPORT AT BOTT. OF BEAM OR SLAB SOFFIT



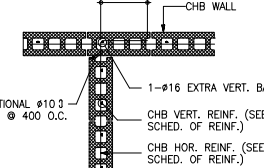
TYP. STIFFENER COLUMN & BEAM DET. ON CHB WALLS



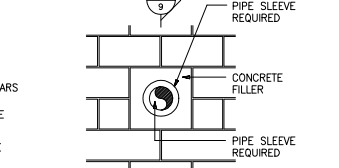
TYPICAL SLAB-ON-GRADE CHANGE SOFFIT DETAIL



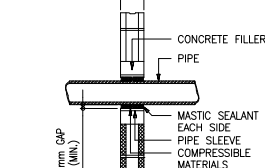
WALL REINFORCING AT CORNER



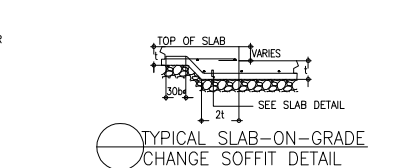
WALL REINFORCING AT INTERSECTION



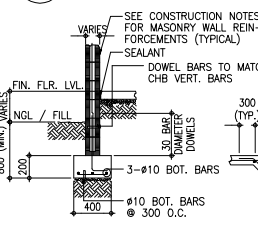
PIPE SLEEVE THRU WALL



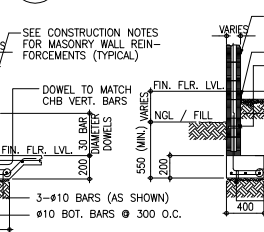
SECTION



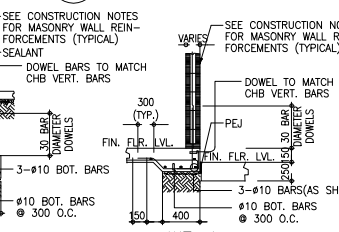
SLAB-ON-GRADE EXPANSION JOINT DETAIL



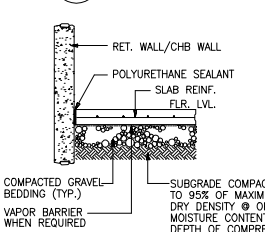
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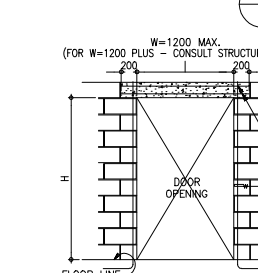


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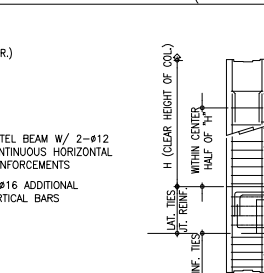


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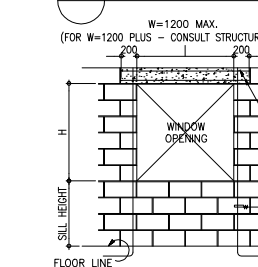
WALL FOOTING DETAILS (WHERE APPLICABLE)



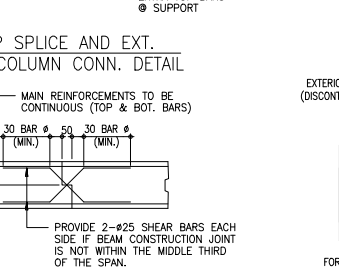
DOOR OPENING ELEVATION



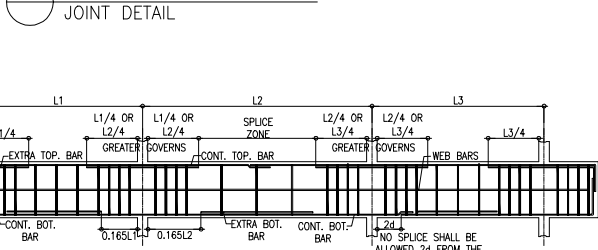
COLUMN LAP SPICE AND EXT. GIRDER TO COLUMN CONN. DETAIL



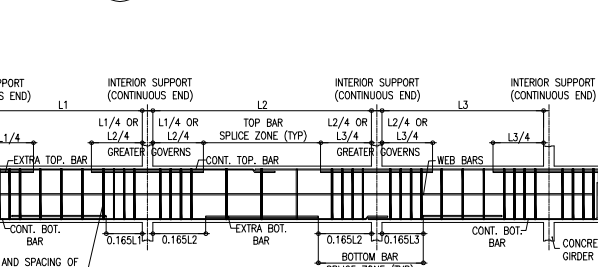
WINDOW OPENING ELEVATION



BEAM CONSTRUCTION JOINT DETAIL



TYPICAL GIRDER SPICING DETAIL



TYPICAL BEAM SPICING DETAIL

BAR # (mm)	ANCHORAGE LENGTH (mm)	LDH	STANDARD HOOK (mm)	BEAM COMP. SPICE (mm)	LAP CLASS				UNIT WT. (kg/m)
					TOP BAR	BOTTOM BAR	TIED	SPIRAL	
10	600	150	160 110 120-120	300	A	250	250	300	0.616
12	710	260	200 120 130-130	350	A	280	280	520	0.888
16	950	350	260 130 160-160	460	A	310	310	700	1.579
20	1180	440	320 160 200-320	580	A	380	380	870	2.486
25	1900	550	400 200 250-400	720	A	470	470	1370	3.854
28	2190	620	480 260	810	A	550	550	1530	4.833
32	2590	700	550 290	930	A	620	620	1750	6.313
36	2990	790	650 360	1040	A	700	700	1970	7.991



CITY OF SAN FERNANDO WATER DISTRICT
B. MENDOZA ST., S.T.O. ROSARIO, CITY OF SANFERNANDO, PAMPANGA

ARCHITECT:	AR. ROCKY M. DUNGCA
PRC NO. 0021874	DATE: 01 - 05 - 2026
PTR NO. 6621206	PLACE: CITY OF SAN FERNANDO - PAMPANGA
POSITION: DIVISION MANAGER	
DIVISION: PLANNING & DEVELOPMENT	

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R.A. 9266, ART IV SEC 33.

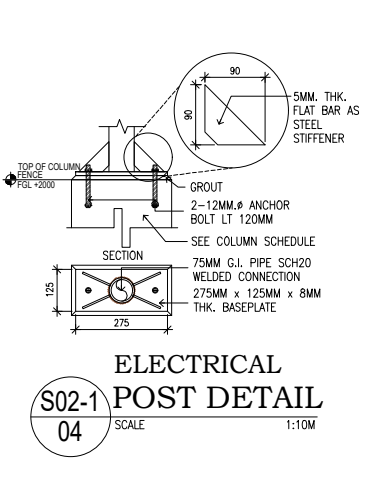
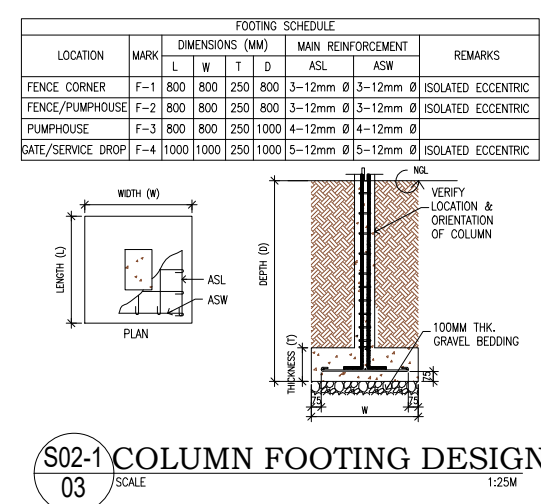
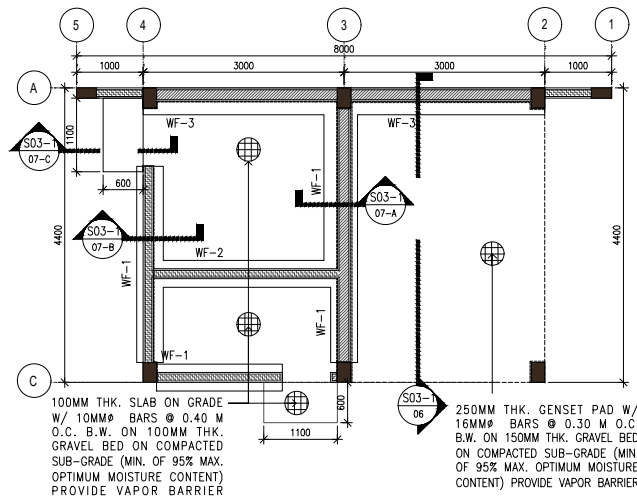
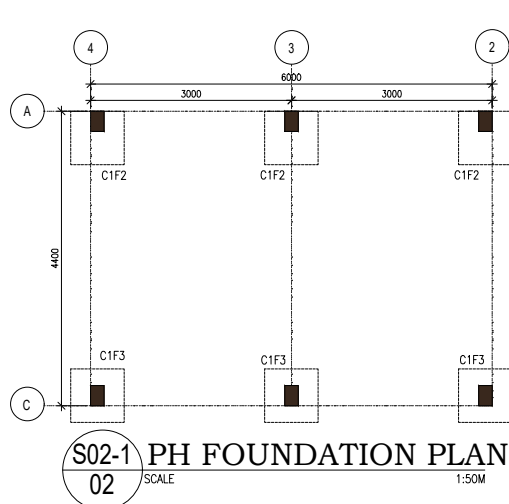
PROJECT NAME:	PROPOSED SAN PEDRO 02 SITE DEVELOPMENT
LOCATION:	BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:	AR. ROCKY M. DUNGCA DIVISION MANAGER PLANNING AND DEVELOPMENT DIVISION
ADDRESS:	B. MENDOZA STREET, BRGY. SANTO ROSARIO, CFSF

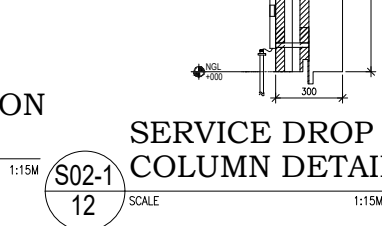
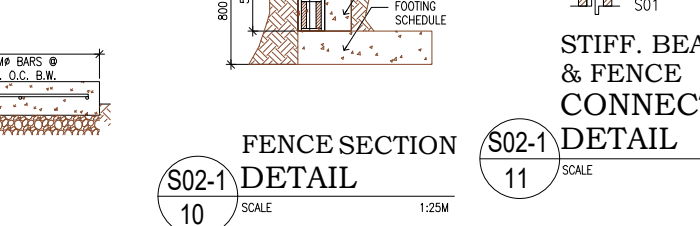
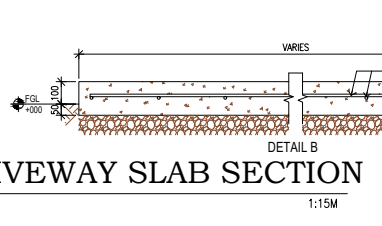
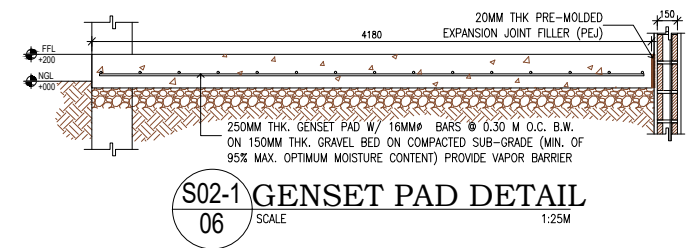
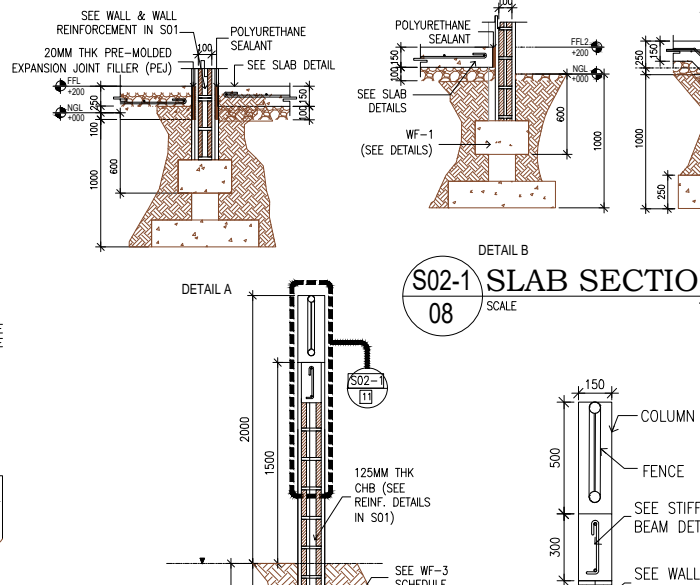
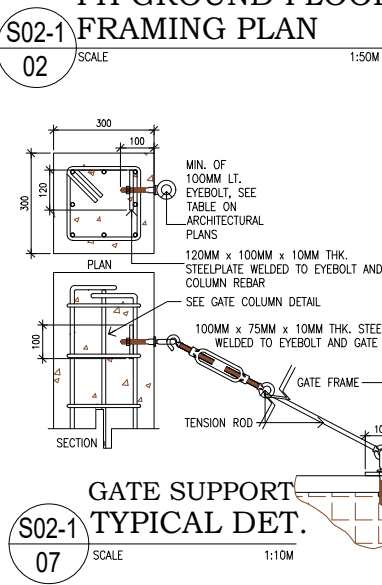
APPROVED:	ENGR. NELSON G. LINGAT, DPA GENERAL MANAGER CITY OF SAN FERNANDO WATER DISTRICT
ADDRESS:	B. MENDOZA STREET, BRGY. SANTO ROSARIO, CFSF

REVISION:	
SHEET CONTENT:	

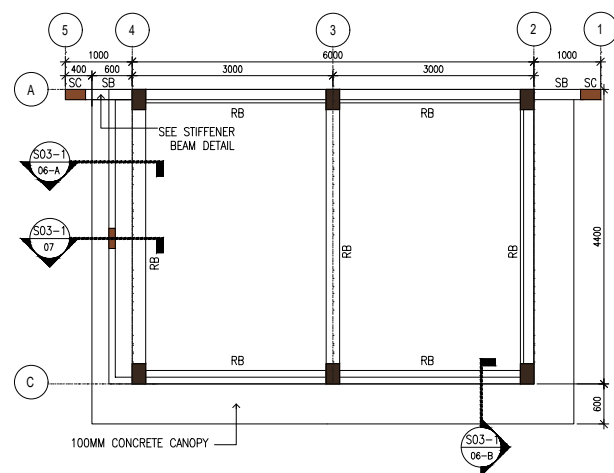
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DESIGNED BY:	S-01
CHECKED BY:	
DATE:	01 OF 03



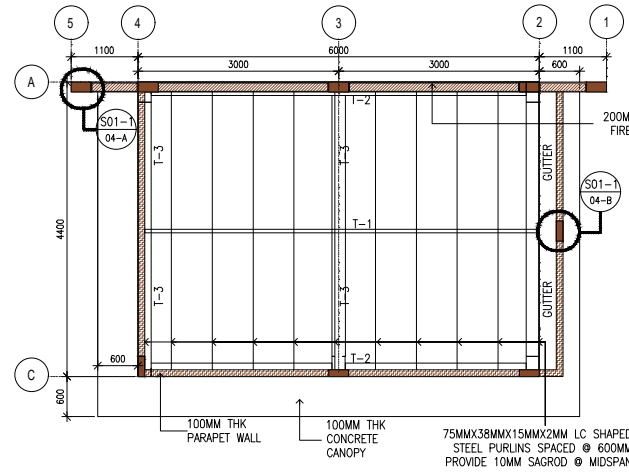
LOCATION	PUMPHOUSE	CORNER	MIDDLE	COLUMN GATE	SERVICE DROP
DESIGNATION	C1				
LEVEL	FOUNDATION TO ROOF FRAMING	FOUNDATION TO TOP OF FENCE	FOUNDATION TO TOP OF FENCE	FOUNDATION TO TOP OF FENCE	FOUNDATION TO TOP OF FENCE
MAIN BAR	8-12MM VERT. BAR @ 0.40 M	8-12MM VERT. BAR @ 0.40 M	8-12MM VERT. BAR @ 0.40 M	8-12MM VERT. BAR @ 0.40 M	8-12MM VERT. BAR @ 0.40 M
JOINT	10MM @ 100MM/10MM @ 100MM	10MM @ 100MM/10MM @ 100MM	10MM @ 100MM/10MM @ 100MM	10MM @ 100MM/10MM @ 100MM	10MM @ 100MM/10MM @ 100MM
LATERAL TIES	10MM @ 150MM/10MM @ 150MM	10MM @ 150MM/10MM @ 150MM	10MM @ 150MM/10MM @ 150MM	10MM @ 150MM/10MM @ 150MM	10MM @ 150MM/10MM @ 150MM



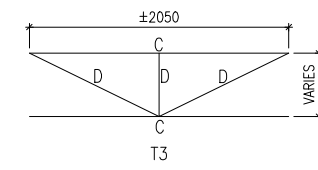
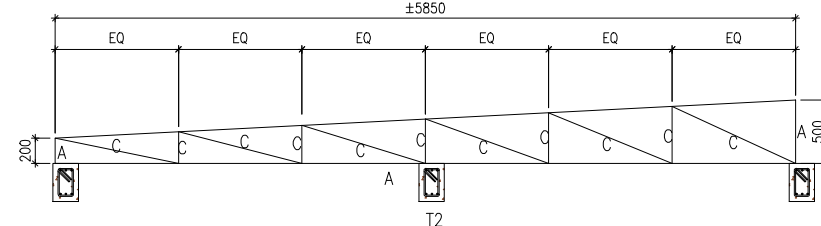
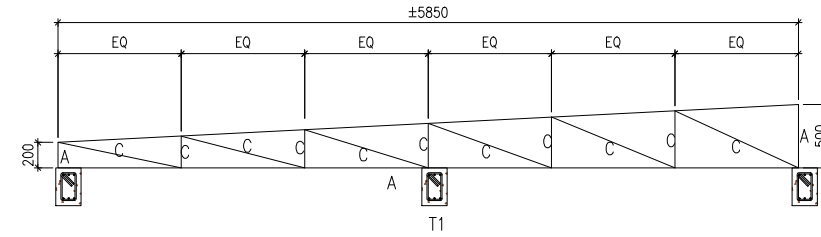
1 CONSTRUCTION DETAILS		S-02 SCALE AS SHOWN		
CITY OF SAN FERNANDO WATER DISTRICT B. MENDOZA ST., STO. ROSARIO, CITY OF SAN FERNANDO, PAMPANGA	ARCHITECT: AR. ROCKY M. DUNGCA	PROJECT NAME: PROPOSED SAN PEDRO 02 SITE DEVELOPMENT	RECOMMENDED: AR. ROCKY M. DUNGCA DIVISION MANAGER PLANNING AND DEVELOPMENT DIVISION	
	THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF THE ARCHITECT. ANY UNAUTHORIZED DUPLICATION OR REPRODUCTION, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT IS STRICTLY PROHIBITED.	R.A. 9266, ART IV SEC 33.	LOCATION: BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA	ADDRESS: B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP
	POSITION: DIVISION MANAGER DIVISION: PLANNING & DEVELOPMENT	APPROVED: ENGR. NELSON G. LINGAT, DPA GENERAL MANAGER CITY OF SAN FERNANDO WATER DISTRICT	ADDRESS: B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP	REVISION:
	SHEET CONTENT:	SHEET NO.: S-02	DATE:	02 OF 03



S03-1 PH ROOF FRAMING PLAN
SCALE 1:50M

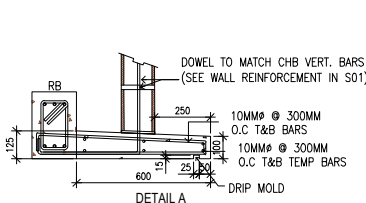


S03-1 PH RAFTER FRAMING PLAN
SCALE 1:50M

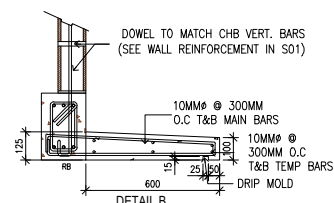


FOOTING SCHEDULE		
MARK	SCHEDULE	REMARKS
A	L 3 X 3 X 3/16	MAIN CHORD
B	L 2-1/2 X 2-1/2 X 3/16	MAIN CHORD
C	L 2 X 2 1/8	WEB / BRACING
D	L 1 X 1 X 1/8	WEB BARS

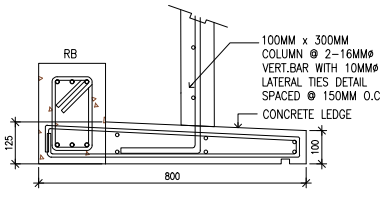
S03-1 SCHEDULE OF TRUSSES
SCALE 1:10M



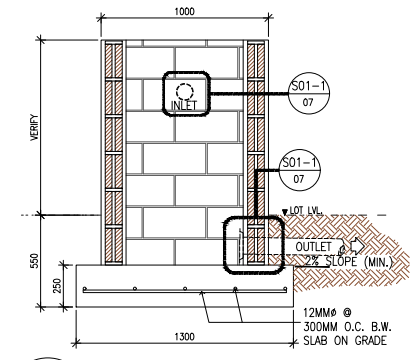
S03-1 BEAM & LEDGE CONNECTION DETAIL
SCALE 1:15M



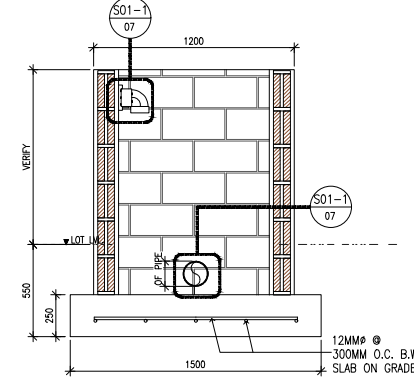
S03-1 STIFFENER COLUMN & LEDGE CONN. DETAIL
SCALE 1:10M



S03-1 FLUSH BOX PLAN
SCALE 1:20M



S03-1 FB CROSS SECTION
SCALE 1:20M



S03-1 OUTLET SECTION DETAIL
SCALE 1:20M

MARK	RB
TOP BAR	3-12MM Ø BAR
BOTTOM BAR	3-12MM Ø BAR
STIRRUPS	10MM Ø 1 @ 50MM, 6 @ 100MM REST @ 150MM TO CL

S03-1 SCHEDULE OF BEAMS
SCALE 1:15M

1

ROOFING AND FLUSH BOX DETAILS

S-03 SCALE AS SHOWN



ARCHITECT:
AR. ROCKY M. DUNGCA
PRC NO. 0021874 DATE: 01-05-2026
PTR NO. 6621206 PLACE: CITY OF SAN FERNANDO, PAMPANGA
POSITION: DIVISION MANAGER
DIVISION: PLANNING & DEVELOPMENT

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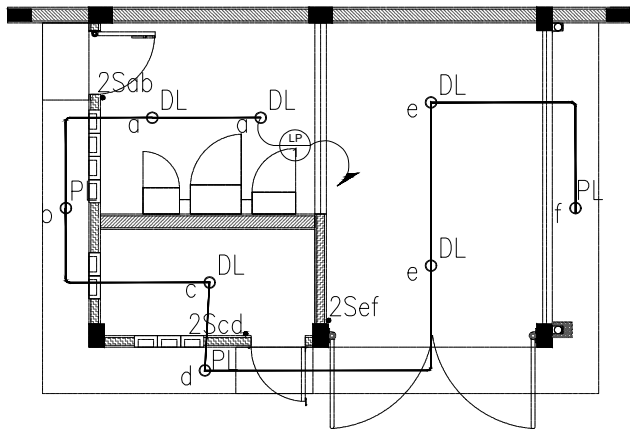
PROJECT NAME:
PROPOSED SAN PEDRO 02 SITE DEVELOPMENT
LOCATION:
BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:
AR. ROCKY M. DUNGCA
DIVISION MANAGER
PLANNING AND DEVELOPMENT DIVISION
ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

APPROVED:
ENGR. NELSON G. LINGAT, DPA
GENERAL MANAGER
CITY OF SAN FERNANDO WATER DISTRICT
ADDRESS:
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

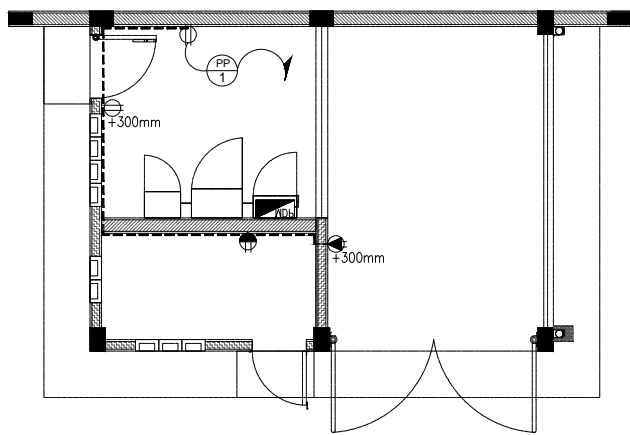
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CAD BY:
DESIGNED BY:
CHECKED BY:
DATE:

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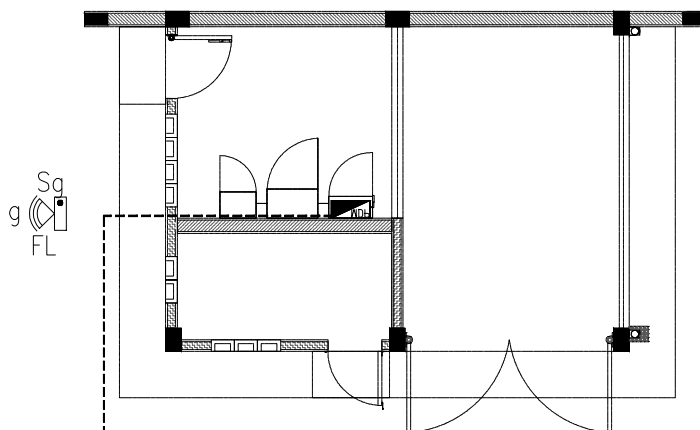


h
FL Sh* FLOOD LIGHTS SHOULD BE FACING THE PUMP HOUSE.

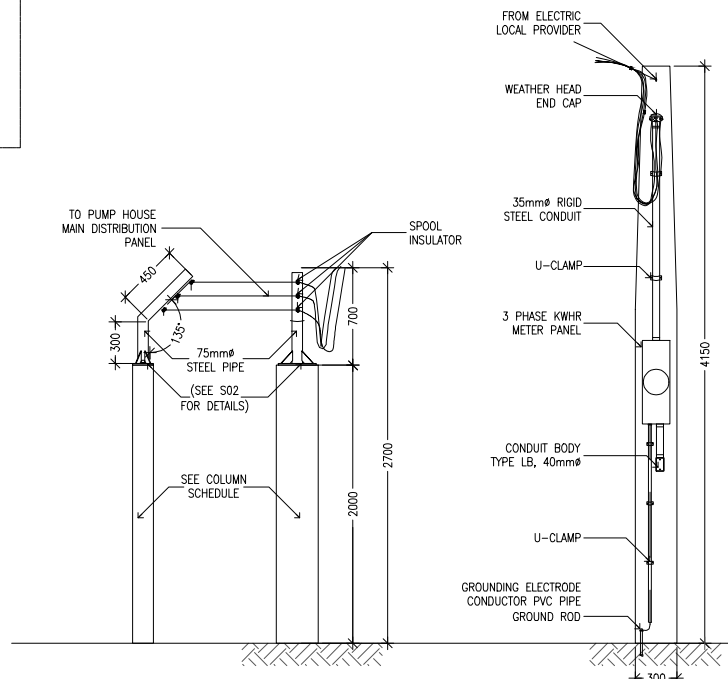
E01-1 LIGHTING LAYOUT
01 SCALE 1:45M



E01-1 POWER LAYOUT
02 SCALE 1:45M



E01-1 POWER DISTRIBUTION LAYOUT
03 SCALE 1:45M



E01-1 ELECTRICAL POST AND SERVICE DROP DETAIL
04 SCALE 1:25M

General Notes/Legend

Lighting & Power

- LIGHTING & POWER PANEL BOARD
- FIREFLY FLESD4/E27 ESL DOWNLIGHT 4" W/ 10 WATTS LED
- APOLLO PINLIGHT W/ WHITE CYLINDRICAL COVER IN 10 WATTS LED OR APPROVED EQUIVALENT
- RECEPTACLE SOCKET LIGHT WITH 10 WATTS LED OR APPROVED EQUIVALENT
- ECOSHIFT: 50WATTS DAYLIGHT LED SOLAR FLOOD LIGHT
- DUPLEX WALL OUTLET
- SPECIAL OUTLET
- WEATHER PROOF OUTLET
- HOMERUN TO LIGHTING PANEL /CIRCUIT NO.
- HOMERUN TO POWER PANEL /CIRCUIT NO.
- SINGLE SWITCH
- 2-GANG SWITCH
- 3-GANG SWITCH
- POWER CIRCUIT LINE
- LIGHTING CIRCUIT LINE

GENERAL NOTES

- THE ELECTRICAL INSTALLATION HERE IN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, REQUIREMENTS OF THE LOCAL POWER COMPANY AND RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY.
- SUPPLIED VOLTAGE SHALL BE 230 VOLTS.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF APPROVED TYPE FOR LOCATION AND PURPOSE.
- STANDARD TYPE OF ACCESSORIES,SPICIN DEVICES TERMINATION AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED
- ALL NON — CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT AND LIGHTING FIXTURE SHALL BE EFFECTIVELY GROUNDED.
- WIRING LAYOUT INDICATED ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL WIRE THE SYSTEM TO ATTAIN ITS INTENDED FUNCTION EVEN WIRES ARE NOT INDICATED ON THE PLAN.
- ALL STEEL MATERIALS TO BE USED IN THIS PROJECT SHALL BE EITHER HOT DIPPED GALVANIZED OR ZINC COATED.
- FOR EXACT LOCATION OF RECESSED — MOUNTED LIGHTING FIXTURE REFER TO ARCHITECTURAL REFLECTED CEILING PLAN
- EMBEDDED PIPES IN CONCRETE FLOOR AND WALL SHALL BE IN POLYVINYL CHLORIDE (PVC) PIPE.
- ALL WIRING DEVICES SHOWN ARE APPROXIMATE LOCATION ONLY ACTUAL SETTING CAN BE MOVED WITHIN 4.5 MTS. AROUND WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL JUNCTION BOX AND UTILITY BOX SHALL BE PAINTED WITH RED LEAD PRIMER.
- CONTROLLERS FOR ELECTRICALLY OPERATED EQUIPMENT FOR HVAC, FIRE PROTECTION & SANITARY SYSTEM SHALL BE PROVIDED BY RESPECT CONTRACTORS.
- MINIMUM SIZE OF WIRES & CONDUIT SHALL BE 3.5mm² (# 12 AWG) & 15mmq (1/2) RESPECTIVELY.
- ALL CONDUITS SHALL BE MADE OF EMT OR IMC PIPF



CITY OF SAN FERNANDO WATER DISTRICT
B. MENDOZA ST., STO. ROSARIO, CITY OF SANFERNANDO, PAMPANGA

ARCHITECT:

AR. ROCKY M. DUNGCA

PRC NO. 0021874 DATE: 01 - 05 - 2026
PTR NO. 6621206 PLACE: CITY OF SAN FERNANDO, PAMPANGA

POSITION: DIVISION MANAGER

DIVISION: PLANNING & DEVELOPMENT

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R.A. 9266, ART IV SEC 33.

PROJECT NAME:

PROPOSED SAN PEDRO 02 SITE DEVELOPMENT

LOCATION:

BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA

RECOMMENDED:

AR. ROCKY M. DUNGCA
DIVISION MANAGER
PLANNING AND DEVELOPMENT DIVISION

ADDRESS:

B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

APPROVED:

ENGR. NELSON G. LINGAT, DPA
GENERAL MANAGER
CITY OF SAN FERNANDO WATER DISTRICT

ADDRESS:

B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP

REVISION:

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DESIGNED BY:

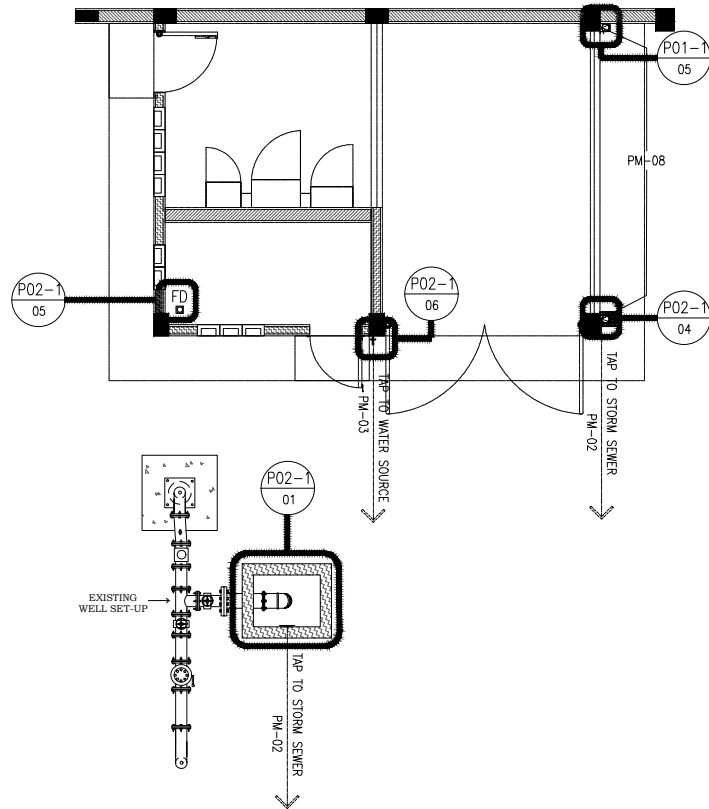
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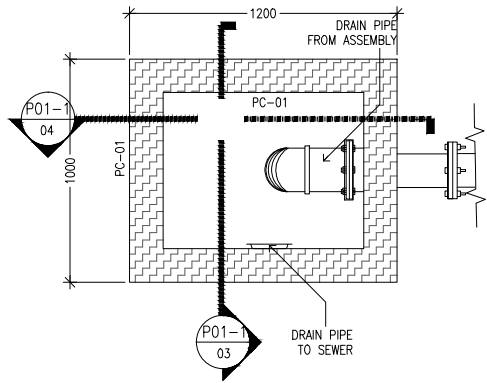
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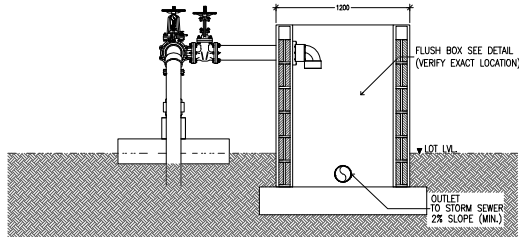
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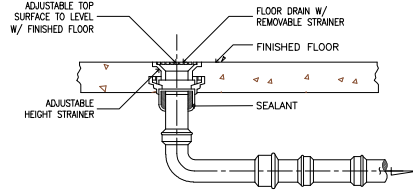
P01-1 PLUMBING LAYOUT
SCALE 1:45M



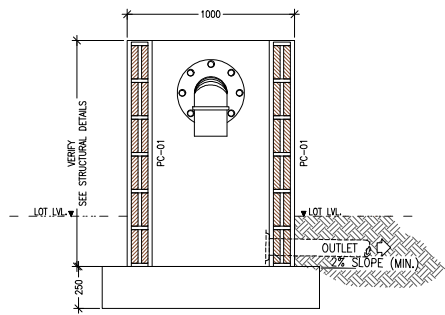
P01-1 FLUSH BOX PLAN
SCALE 1:15M



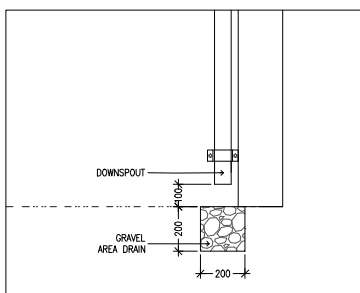
P01-1 FLUSH BOX FLOW SECTION
SCALE 1:30M



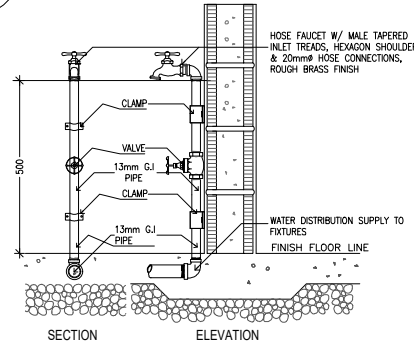
P01-1 FLOOR DRAIN DETAIL
SCALE 1:15M



P01-1 FLUSH BOX SECTION
SCALE 1:20M



P01-1 GRAVEL AREA DRAIN DETAIL
SCALE 1:15M



P01-1 HOSE BIBB DETAIL
SCALE 1:10M

General Notes/Legend/Abbreviations	
Water & Sanitary	
○	— DOWNSPOUT
⊕	— HOSE BIBB
Plumbing Material	
PM-02	- 100MMØ PVC DRAIN PIPE
PM-03	- 13MMØ PVC COLD WATER PIPE
PM-06	- 75MMØ PVC PIPE DRAIN PIPE
PM-08	- 75MMØ PVC PIPE DOWNSPOUT
Paint Color	
PC-01	- OFFWHITE BOYSEN ELASTI-KOTE (PSRF #45175)
PC-02	- GRAY BOYSEN ELASTI-KOTE (PSRF #45174)
PC-03	- BLUE BOYSEN ELASTI-KOTE (PSRF #33883)

1. ALL PLUMBING WORKS INDICATED HEREIN SHALL MEET THE PROVISION OF THE PLUMBING CODE OF THE PHILIPPINES THE NATIONAL PLUMBING CODE, LOCAL CITY ORDINANCE RULES & REGULATIONS, AND CODE SANITATION OF THE PHILIPPINES
2. PLUMBING CONTRACTOR SHALL COORDINATE OTHER RELATED DRAWINGS & SPECIFICATION NOTIFY THE CONSULTING ENGINEER OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL SITE CONDITION DEPTH & INVERT ELEVATION OF ALL EXISTING PIPES & STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 2% UNLESS OTHERWISE SPECIFIED.
6. SIZE OF WATER SUPPLY PIPES TO FIXTURE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
7. THE CONTRACTOR SHALL BE VERIFY ALL EXISTING UTILITIES AT SITE, TAPPING POINT & WATERLINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
8. ALL FIXTURES SHALL BE INDIVIDUALLY VENTED.
9. ALL PIPE SIZE AND DIMENSION ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.



CITY OF SAN FERNANDO WATER DISTRICT
B. MENDOZA ST., ST. O. ROSARIO, CITY OF SANFERNANDO, PAMPANGA

ARCHITECT:	
AR. ROCKY M. DUNGCA	
PRC NO. 0021874	DATE: 01 - 05 - 2026
PTR NO. 6021206	PLACE: CITY OF SAN FERNANDO, PAMPANGA
POSITION: DIVISION MANAGER	
DIVISION: PLANNING & DEVELOPMENT	

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PROJECT NAME:	
PROPOSED SAN PEDRO 02 SITE DEVELOPMENT	
LOCATION:	
BRGY. SAN PEDRO, CITY OF SAN FERNANDO PAMPANGA	

RECOMMENDED:	
AR. ROCKY M. DUNGCA DIVISION MANAGER PLANNING AND DEVELOPMENT DIVISION	
ADDRESS:	
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP	

APPROVED:	
ENGR. NELSON G. LINGAT, DPA GENERAL MANAGER CITY OF SAN FERNANDO WATER DISTRICT	
ADDRESS:	
B. MENDOZA STREET, BRGY. SANTO ROSARIO, CSFP	

REVISION:	

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CAD BY:	
DESIGNED BY:	P-01
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DATE:	01 OF 01