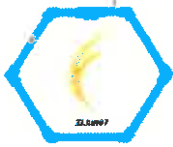




Budget 2021

TALAVERA WATER DISTRICT

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Republic of the Philippines

TALAVERA WATER DISTRICT

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Management System
ISO 9001:2015

www.tuv.com
ID 9108658066



24 November 2020

The Board of Directors
Talavera Water District

Budget 2021

On behalf of the Management of Talavera Water District, we are pleased to submit herewith the proposed budget of the District designed for next year. This was meticulously prepared by the designated Heads of all Departments, entitled Budget 2021, for your consideration and approval.

Thank you very much for your time and we look forward for your authorization and confirmation.

Sincerely yours,


LEANDRO JUN C LACSAMANA
General Manager

RATIONALE

With the current health crisis our country is experiencing now, COVID-19 Intervention was prioritized on Talavera Water District's Budget for year 2021. This will be on top of the priority plans, programs, and projects of the District, as listed below, which were scheduled to be implemented next budget year:

1. COVID-19 Intervention

- 1.1. Isolation Room—This will be used as isolation room for employees suspected or found to be positive with COVID-19. In case the pandemic ends, it will then be used either as production control room or storage area.
- 1.2. Collection Booth—This will be placed between the Pag-asa office gates for those concessionaires on tricycles, bicycles or light vehicles who wish to pay on a drive-thru style payment booth. It will therefore lessen the number of paying concessionaires inside thus avoiding overcrowding.
- 1.3. Door sensors will be installed for collection offices for contactless opening and closing of doors. This is primarily for easy access of Person with Disabilities, Senior Citizens and Pregnant Women and Concessionaires when they enter and leave the office.
- 1.4. Faucet/ Alcohol with sensor
- 1.5. Temperature Scanner with Facial Recognition— with the use of this device, contact tracing will be easier and employees assigned will be reassigned to other important task needed by the office.
- 1.6. Air Purifier—To purify the environment inside since all workplaces and offices are enclosed and airconditioned.

- 1.7. Hygiene Kit—all employees will be provided with monthly hygiene kit to protect them and their families from contracting the virus.

2. Augmentation of Supply

Hand washing, cleaning/ sanitizing activities and personal hygiene are critical intervention for reducing transmission of the corona virus. As this is part of everyone's daily routine now, and with the growing number of service connections, increase in water demand is expected. Said increase in demand will require for augmentation of supply. The District will add another source at the place wherein water demand is at the highest.

One well drilling, as per Geo-resistivity survey conducted by Local Water Utilities Administration (LWUA), upon purchase of lot preferably within or near the población area is suffice enough since La Torre Station is not yet fully utilized. Full operation of La Torre Station and activation of Calipahan Station next year, upon installation of all its needed production equipment, would increase the current water production of the district. TWD would then be more capable to supply to a greater number of households within the service area.

3. Expansion and Relocation of Pipelines

- 3.1. Pipelaying along secondary roads are scheduled to be made at the start of the year and onwards to reach more houses which are not yet covered by the District. These are the municipal roads wherein residents requested for water lines.
- 3.2. In continuation of previous year's pipeline relocation program, the District still need to go on with this program as these lines along national highway were already under concrete shoulders or drainage canals. It is difficult and costly for District's maintenance works, repairs and installation if said lines will all be left underneath and not transferred as scheduled. The District cannot just do the relocation as its schedule depend on the schedule of DPWH.

3.3. Parallel Lines on main roads will be laid along Barangays Gulod, Sampaloc and La Torre to distribute pressure on the transmission lines. This will also get rid of boring works when tapping new service connections crossing roads thus more water services can be easily connected within shorter period of time.

4. Automation

To complete the number of stations that can be controlled via SCADA (Supervisory Control and Data Acquisition), one more station will be added to the existing system maximizing the two station viewers currently maintained by production division. This will also be coupled with Electro-Magnetic Flowmeters and Valve Actuators similar to other previous set up. Along with this is the installation of automatic gates which can be controlled remotely.

5. Water Quality

5.1. Additional Chemical Metering Pumps for chlorination and additives is scheduled to be purchased to further reduce or prevent occurrence of water discoloration due to accumulation of minerals.

5.2. Purchase of additional 5 Chlorine Residual Testing kits was also incorporated on the budget for regular testing of chlorine residuals inside pumping stations, households, and pipelines, to monitor and conform with the Philippine National Standard for Drinking Water (PNSDW) and ISO 9001-2015.

6. Security

6.1. In addition to the existing security systems, more Closed-Circuit Televisions (CCTVs) will be strategically placed on pump stations along with NVRs (Network Video Recorders). Additional mass

storages to increase memory for video recordings will be provided as well.

The District is readying the station to be unmanned which will start next year since Contract of Service were extended until 2022 as per COA-DBM Joint Resolution #2, S 2020 dated 20 October 2020. All security cams will aid all production personnel on-duty to monitor its surroundings.

6.2. Construction of Blank Concrete Fences of soon to be unmanned stations will continue to secure the place. Its existing fences will be built to a higher height and will be made of concrete as replacement of its present GI interlinks.

7. Information Technology

7.1. Smart Phones will be issued to all Pump Operators on-duty for communication use and uploading/ downloading of production data.

7.2. Upgrade of Solid-State Drive and Memory Cards are scheduled to be made for all computers to handle the increasing number of concessionaires' data and information.

7.3. Additional 3 Digital Displays is planned to be installed on some stations for faster information dissemination. This can be controlled or edited remotely for easy posting of TWD water advisories.

8. Re-categorization/ Regularization

8.1. Request for re-categorization to Category B Water District was not realized this year since Board approval were only made recently. If Re-categorization process be started by January, it is expected to be approved on the first quarter of 2021. Budget for salaries of all employees based on SSL 5 as well as increase in per diems of the Board were incorporated and scheduled to start by April on the next budget year.

8.2. Accordingly, upon approval of request for re-categorization, regularization of deserving and qualified employees follows to comply with the two-year moratorium pertaining to hiring of Contract of Service as per COA-DBM Joint Resolution #2, Series 2020 dated 20 October 2020.

9. Disaster Response

Water Tank

One of the most important emergency relief during disaster is drinking water. Talavera Water District, being the sole government water provider in the municipality of Talavera, must provide water to those who will be badly hit by catastrophes.

By way of the water truck, the District will be able to transport bigger volume of water to those families who do not have access to or supply of potable water during calamities or even in other cases requiring clean water.

10. Non-Revenue Water (NRW)

10.1. Leak Detector

Since most pipelines along national highway is under concrete shoulders, Leak Detector is vital. This will help in maintaining current non-revenue water to a low or even further reduce it and rather transform NRW to income from water sales.

10.2. Change Meter of old Water Meters and Flow Meters

Old and faulty meters are one of the contributing factors in having a high NRW. The district is scheduled to change these meters and reform the service line to TWD standard, who are 5 years and up of age. Upon replacement of all these subject meters, the district will only be maintaining quality meters.

11. Boring along National Highway

Boring works to cross the National Highway will be made to connect existing mainlines to parallel lines. Pipes with 6” and 8” diameters will be bored to further help in distributing the transmission pressure within the district’s pipe network system.

12. Gender and Development

In conformance with Philippine Commission for Women (PCW)-NEDA-DBM Joint Circular 2012-01 regarding Annual Gender and Development Plan and Budget Guidelines, all capital outlays pertaining to Expansion and installation of Parallel Lines and Additional Water Resource were also correspondingly attributed to TWD 2021 Gender and Development Plan and Budget.

Once again, all the above-stated projects, activities and plans of Budget 2021 were programmed by every department. Its entirety was aimed at Talavera Water District’s mission to continuously provide excellent water service to the public and its concessionaires.

ANALYSIS

Coverage Area

The District presently covers all major roads of the fifty-three (53) barangays of the Municipality of Talavera. In addition to this is one (1) barangay in the Science City of Muñoz and two (2) more barangays in the Municipality of Sto Domingo. This has a total projected population of 144,029 individuals; figures were obtained from Talavera Municipal Planning and Development Office forecast.

The number of households with water service connection within the service coverage area now totals to 11,430 as of October 2020. This excludes disconnected service connections before billing period. Adding the forecasted additional service connection of the remaining months, total connection is expected to reach 11,728 by end of 2020. Using the average ratio of 5 persons per household, about 58,640 of the said total population are now being serviced by Talavera Water District.

Water Transmission and Distribution Lines

The transmission and distribution pipelines of the entire system covering all served barangays now totals to approximately two hundred thirty-four (234) kilometers. It consists of Polyethylene (PE) pipes, Polyvinyl Chloride (PVC) pipes, Ductile Pipes and Steel Pipes.

Fire Hydrants and Blow-off Valves

There are ten (10) fire hydrants strategically situated and two hundred twenty-five (225) blow-off valves installed. Most of the fire hydrants are city type, which is suitable to all types of fire truck's hose, while four are standard type hydrants. Their primary function is to supply water for fire protection and regular flushing of the main transmission and distribution system.

Water Resources Facilities



The District currently maintains one Elevated Steel Tank with 100 cubic meter capacity located at Pag-asa Station and one 700 cubic meter capacity Glass-Fused-to-Steel Tank situated at San Pascual Station.

In addition to this, Talavera Water District has already managing fifteen (15) stations which are scheduled to work alternately to supply a 24-hour water service. Its maintaining pump frequency is pegged to an average of 50Hz with the use of Variable Speed Drives to provide sufficiently.

All active stations have chlorinators for chlorine treatment of water it supplies. Five of these stations has Chemical Feeders installed as well on its discharge lines which serves as injection points for Iron Inhibitor, Mineral Scale Removal and Corrosion Protector Additives.

During power interruptions and failures, all pumping stations has automatic transfer switches to automatically turn on Generator Sets. This shorten stoppage of water supply caused by power breakdowns or any other electrical failures.

Ten stations can be controlled remotely. With this, reports are real time and can be accessed through computers, tablets, or cellphones, anytime and anywhere as long as there is a local or internet connection.

Most of the stations has CCTVs which can be viewed to video display units on the central station and even on other connected devices. Video recordings are stored on the main recorder and to other stations with DVR and NVR. These pumping stations are listed below opposite their locations:

	Station	Location
1	Pag Station*	Brgy Pag-asa
2	Din Station*	Brgy Dinarayat
3	SNi Station*	Brgy Santo Niño

4	SPa Station*	Brgy San Pascual
5	Ba1 Station	Brgy Bacal 1
6	Ba3 Station*	Brgy Bacal 3
7	BnB Station*	Brgy Bugtong na Buli
8	Mam Station*	Brgy Mamandil
9	BHa Station	Brgy Basang Hamog
10	Cab Station*	Brgy Cabubulaonan
11	Val Station*	Brgy Valle
12	SMM Station*	Brgy San Miguel na Munti
13	Esg Station*	Brgy Esguerra
14	SRi Station*	Brgy San Ricardo
15	LTo Station*	Brgy La Torre

*stations already equipped with Electromagnetic flowmeters which accurately read and record data pertaining to water production.

Conclusion

With all the accomplishments that sustained the present self-sufficient state of the District, proposed projects for next year is again funded by Talavera Water District. All its programs were planned in concurrence with the anticipated needs and requirements of its maintenance and operation.

SUMMARY

Budget 2021 was projected based on sales from thirteen thousand one hundred twenty-eight (13,128) water service connections that will be derived from service connections of the expected water system coverage area. The following additional expansion projects will be constructed and will add up to the said coverage area before the end of budget year:

Location	Length (m)	Location	Length(m)
P1, Lomboy	156	Juan Luna, Pinagpanaan	942
P1, Tabacao	840	P1, Sampaloc	126
Masagana, Homestead 1	390	P2, Dimasalang Sur	432
P1, La Torre	480		

Parallel lines are scheduled as well to resist pressure that will be brought about by possible simultaneous pumping of stations during peak hours. This will lessen boring works since both sides of the roads has its own transmission lines. It will also distribute pressure proportionately since all lines are interconnected.

Location	Length
La Torre	2.46 KM
Poblacion Sur	0.30 KM
Gulod	1.23 KM
Sampaloc	1.23 KM

Relocation of distribution mains along the national highway will continue to give way on the ongoing projects of DPWH and other Government Agencies. PVC pipes are scheduled to be removed, transferred, or upgraded during relocation.

Location	Barangay	Length (km)
Highway	La Torre	0.63

One more lot is needed for drilling for additional water source. This will be preferably situated in Poblacion area or at least near it which will further augment existing water supply. Activation of this station, along with La Torre station are scheduled to be utilized upon installation of its production & treatment facilities. It is expected to be both operational before the end of 2021.

The District intends to buy two more lots for future use in order to avoid delays during purchase which usually cause deferment of projects. Aside from Budget 2021, Management is requesting the Board for concurrent approval of the lot purchase and charging of its cost to TWD reserve.

In addition to the existing stations with SCADA (Supervisory Control and Data Acquisition), one more will be set up in Calipahan or one nearer to Paga-sa Station which will be coupled with Electro-Magnetic Flowmeters and Valve Actuators.

Purchase of additional 3 Chemical Feeders will be used by Calipahan, Paga-sa and proposed stations. 5 Testing kits were also incorporated on budget for the district to have a total of 9 units next year.

The usual acquisition of water meters for new service connections in addition to replacement of old, faulty, and tampered meter is scheduled as well. This includes bigger sizes of meter intended for commercial, industrial, and other establishments requiring such. Upon replacement, the district will only be maintaining quality meters to have a more accurate NRW data.

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In addition to the installed closed-circuit television cameras, more cameras will be connected. This will be strategically mounted on the following stations as this is scheduled to be remotely operated by the end of 2021:

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1. SRi Station
2. Cal Station
3. Proposed Station
4. SMM Station
5. Din Station
6. Sto Nino Station
7. Pag Station

To complete the District's Capital Expenditure, the following are listed to be acquired:

- Production & Maintenance Tools
- Maintenance Equipment
- Building Improvements
- Generators and Chlorinator Houses
- Backfilling

On top of all these, COVID-19 intervention was scheduled the earliest. This must be implemented immediately to protect the health of the employees and public and to help the national government in ending the pandemic.

24 November 2020

The following needed items are programmed to be purchased or constructed on the first month of the year:

Smart House (Isolation Room)	Collection Booth
2 units Door Sensors (Collection Offices)	Faucets with Sensors for 8 wash basins
8 units Handsfree Alcohol Dispenser	Air Purifier for office use
Hygiene Kits for all employees	3 units Thermal Scanners with Facial Recognition

All these plans and programs of the proposed Budget of Talavera Water District for year 2021 were prepared and submitted by all designated Heads of every department to continue with its mission to provide adequate and reliable supply of high quality water and excellent service in an environmentally and economically responsible manner.

Amount Available for CAPEX

Total Receipts is expected to reach P 101,021,111 which will be received from the following revenue accounts:

Income from Water Works P 83,498,013

This is the collected number of billings from all water service connections. Computations were based on ninety seven percent (97%) collection efficiency of the said billings including arrears from previous years.

Other Business Income P 16,618,167

Other Business Income is the result of collection from fees, charges and cost of materials of new and reconnected service connections plus earnings from Repair and Maintenance of Concessionaires' service lines. This was computed, based on Board Resolution 05-2017 dated 27 March 2017, regarding Modification of Board Resolution 13-200.

Liquidation of Petty Cash P 20,000

This is the allotted cash for petty cash disbursements to be refunded at the end of every budget year, as approved by Board Resolution 02-2006 dated 9 February 2006.

Other Receivables P 871,381

This is the balance collected on service connection fees, charges, and materials not paid resulting from emergency repair or requested instalment payment of said repair and connection, and other receivables not classified as income from waterworks.

Interest Income P 13,551

These are the interest income from all current, checking, and special savings accounts registered under the name of Talavera Water District.

24 November 2020

Budget 2021

With an anticipated Cash Balance beginning of P 1,200,000, the Total Available Cash is probable to arrive at P 102,221,111.

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Net Receipts Disbursement amounting to P 28,200,303 was obtained from Total Available Cash less the following disbursements before Capital Expenditures reaching the amount of P 74,020,808:

Salaries and Wages P 22,588,576

48 plantilla positions were included and funds for 58 Contracts of Services of needed number of contract workers were allocated, in preparation for recategorization of the District. Computation of salaries of regular employees were based on Category B and matched to proposed Salary Standardization Law (SSL 5).

Operating and Maintenance Expenses P 38,544,868

The amount was anticipated at one hundred percent (100%) of Operating and Maintenance Expenses less the Salaries and Wages.

Transfer of Funds to TWD Reserve P 2,504,940

Board Resolution 14-2014 dated 9 December 2014; 3% of Total Gross Receipts from Water Sales was budgeted to be deposited on a High Yielding Account of TWD every month.

Transfer of Funds to Personnel Accounts P 1,922,183

An amount of P 50,000 plus monthly earned leaves of all employees was budgeted to be deposited at TWD Special Savings Account as per Board Resolution 02-2014 dated 28 August 2013 plus Total Accumulated Compensated Absences of all employees.

Purchase of Supplies and Materials P 6,731,828

This is the cost of the following office supplies and materials:

- Materials for New Service Connections
- Maintenance of Existing Water Distribution Lines
- Cost of Chemicals
- Office Supplies

- Accountable Forms
- Laboratory Supplies

The amount was derived by obtaining the actual amount needed for supplies minus the cost of materials on hand.

Franchise Tax, Duties and Licenses P 1,708,413

This is two percent of the collection from Water Sales which will be remitted to Bureau of Internal Revenues plus Withholding Taxes from Interest Income of all accounts of TWD. Registration of all vehicles were also incorporated.

With an anticipated Cash Balance End estimated at P 50,000, the Total Amount Available for CAPEX is projected to arrive at P 28,150,303 which will be used for projects planned for 2021.

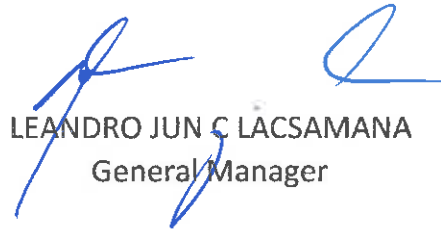
Amount Available for CAPEX

<i>Income From Water Works/Collections</i>	P	83,498,013	
<i>Other Business Income</i>		16,618,167	
<i>Liquidation of Petty Cash Fund</i>		20,000	
<i>Other Receivables</i>		871,381	
<i>Interest Income</i>		13,551	
Total Receipts		101,021,111	
<i>Cash Balance Beg</i>		1,200,000	
Total Available Cash	P		102,221,111
<i>Salaries&Wages</i>	P	22,588,576	
<i>Operating and Maintenance Expenses</i>		38,544,868	
<i>TOF to TWD Reserves</i>		2,504,940	
<i>TOF to Personnel Account</i>		1,922,183	
<i>Petty Cash Fund</i>		20,000	
<i>Purchase of Materials & Supplies</i>		6,731,828	
<i>Franchise Tax, Taxes, Duties and Disbursement Before Capex</i>	P		74,020,808
<i>Net Receipt Disbursement</i>			28,200,303
<i>Anticipated Cash Balance End</i>			50,000
Amount Available for CAPEX	P		28,150,303

Prepared by:

Recommending Approval:


 ROWENA N DELA CRUZ
 Financial Planning Specialist


 LEANDRO JUN C LACSAMANA
 General Manager

As Per Approved Board Resolution No:

Date:

Income Statement

Total Operating Revenues is expected to reach P 94,290,668, resulting from Generation, Transmission and Distribution Income of P 78,120,340 excluding previous arrears, Other Business Income, Interest Income, Fines & Penalties and Senior Citizen Discounts. Total Operating Expenses is projected at P 81,988,811 from the following expenditures:

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Personal Services P 31,894,014

This includes the Salaries and Wages, Other Personnel Benefits, Honoraria, Contributions to GSIS, PAG-IBIG and PhilHealth of entitled employees, enumerated hereunder:

Personnel Economic Relief Allowance (PERA) - DBM Budget Circular 2009-3 dated 18 August 2009 grants an amount of P2,000 per employee.

Representation Allowance – as prescribed by DBM National Budget Circular 548 dated 15 May 2013.

Transportation Allowance -- ref: DBM NBC re Representation Allowance.

Clothing Allowance – P 6,000 per employee are allotted for uniforms as prescribed by Government Appropriations Act (GAA) and Budget Circular 2018-1 dated 8 March 2018.

Productivity Enhancement Incentive– P 5,000 per employee as prescribed by DBM Budget Circular 2017-04 dated 4 December 2017.

Overtime and Holiday Pay – payment for overtime and holiday pay of employees as scheduled by designated Heads and as approved by Management.

Employer's Share – Contributions to GSIS, PAG-IBIG and PhilHealth based on every agencies' schedules.

Honoraria – per diem of Board of Directors based on category B, as approved by LWUA Memorandum Circular 005-12 effective April 2012 as provided in section 5 of Executive Order #24, Series 2011.

Cash Gift – P 5,000 each, Mid-year Bonus—equivalent to one-month basic salary to be given every May of every year and Year-end Bonus – equivalent to one-month salary of employees to be released every November of every year, as prescribed by DBM Budget Circular 2020-579 dated 24 January 2020.

Performance Based Bonus (PBB)—percentage of salary depending on ratings earned for two consecutive grading periods. This shall be subject to the achievements of departments and individual employees of their performance targets or commitments and compliance with good governance. Sec 5 of Executive Order 201 series 2016.

Other Operating Expenses

P 34,205,333

These are projected expenditures of all Departments pertaining to the following expense account:

- Supplies
- Subscriptions
- Communications
- Utilities Expenses
- Travels and Trainings
- Insurance
- Taxes, Duties and Licenses
- Representation

- Awards and Rewards
- Indemnities and Other Claims
- Generation, Distribution and Transmission Expenses
- Legal, Auditing and Professional Fees
- Membership Dues and Contributions to Organizations

Repair and Maintenance P 4,716,928

Repair and Maintenance for the following were provided:

- Office Buildings and its surroundings
- Furnitures and Fixtures
- Water Resources Facilities
- Service Vehicles
- Machineries and Equipment
- Office and IT Equipment
- Transmission and Distribution System
- Reservoirs

Depreciation Expenses P 11,172,536

Annual depreciation of Property, Plant and Equipment (PPE) is computed by using the straight-line method as prescribed by Government Accounting System for Local Water Districts.

From the Total Operating Revenues and Total Operating Expenses obtained, Talavera Water District is expected to gain a Net Income of P 12,301,858 by the end of Budget Year.

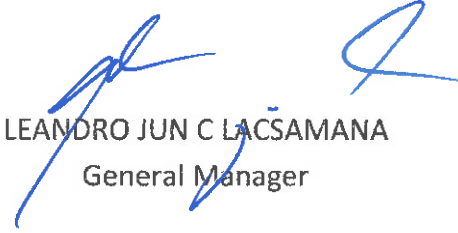
Income Statement

REVENUES		
<i>Generation, Transmission and Distribution Income</i>	P 78,120,340	
<i>Other Business and Service Income</i>	15,908,011	
<i>Fines and Penalties</i>	248,767	
<i>Interest Income</i>	13,551	
Total Operating Revenues		P 94,290,668
EXPENSES		
<i>Personal Services</i>	P 31,894,014	
<i>Other Operating Expenses</i>	34,205,333	
<i>Repair & Maintenance</i>	4,716,928	
<i>Depreciation Expense</i>	11,172,536	
Total Operating Expenses		81,988,811
Net Income Before Interest Charge		12,301,858
<i>Interest Expense</i>	-	
Net Income	P 12,301,858	

Prepared by:

Recommending Approval:


ROWENA N DELA CRUZ
Financial Planning Specialist


LEANDRO JUN C LACSAMANA
General Manager

As Per Approved Board Resolution No:

Date:

CONCLUSION

By the end of budget year, Talavera Water District will be serving thirteen thousand one hundred twenty-eight (13,128) households of the municipality. It will reach a total length of around two hundred forty-three (243 Km) kilometers of water distribution and transmission mains of its coverage area.

RECOMMENDATION

Management recommends with high priority and urgency the consideration, approval, and confirmation of Talavera Water District Budget for 2021.

BOARD ACTION

Approved as per Board Resolution # 2020-0020

Date: November 24, 2020


KEVIN ROY P. CORPUZ
Secretary
DIVINIA S. LACANILAO
Board Member
CARLITO M. DELA CRUZ
Board Member

JAIME CARLO C. SAN PEDRO
Vice Chairperson

DANIEL M. FERRER
Chairperson

24 November 2020

Budget 2021

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COMPARATIVE ANALYSIS

TALAVERA WATER DISTRICT

COMPARISON OF DETAILED STATEMENT OF REVENUES & EXPENSES
Commercial Division

		Budget 2020	Budget 2021
Operating Revenues			
Generation , Trans & Dist Income			
576-01	Metered Sales	69,693,488	78,153,725
662	(Discounts)	22,016	33,385
	Total Water Sales	69,671,472	78,120,340
Collection of Other Business Income			
618-01	Misc Service Revenue	12,482,736	14,763,319
618-03	Meter Rental	1,065,992	1,144,692
619-01	Penalty Charges	215,150	248,767
	Total Other Revenues	13,763,878	16,156,777
Total Operating Revenues		83,435,350	94,277,117
Customer's Account Expense			
Operation Expenses			
701-04	Cust Acct Supervision Exps	838,431	585,390
701-04-3	Meter Reading Expenses	493,509	321,447
701-04-1	Cust Records & Coll Exps	854,595	486,684
792-11	Misc Customer Accts Exps	160,598	130,433
Total Customer Accounts Expenses		2,347,133	1,523,954

Prepared by


 CHRISTIAN P FERMIN
 Sr Data Encoder Controller

TALAVERA WATER DISTRICT
ENGINEERING OPERATION DIVISION

COMPARISON	BUDGET 2021			BUDGET 2020			
	Items / Work Description	qty	unit	Amount	qty	unit	Amount
1 PIPELAYING							
Expansion	3.36	km	1.935 M	4.16	km	2.382 M	
Parallel	5.22	km	5.016 M	4.32	km	3.720 M	
Relocation	0.63	km	1.102 M	3.12	km	2.880 M	
<i>Total</i>	<u>9.21</u>	<i>km</i>	<i>8.053 M</i>	<u>11.6</u>	<i>km</i>	<i>8.982 M</i>	
2 WATER METER (for additional serv Conn)			2.100 M			1.927 M	
3 WELL CONSTRUCTION			2.720 M			2.994 M	
4 PRODUCTION EQUIPMENT			4.150 M			2.794 M	
5 WATER TREATMENT			3.441 M			2.382 M	
6 POWER SUPPLY			1.030 M			1.217 M	
7 AUTOMATION			0.550 M			2.200 M	
8 SECURITY (Surveillance Camera)			0.395 M			0.816 M	
9 ELECTRO-MECHANICAL EQUIPMENT			0.900 M			0.576 M	
10 REDUCTION OF NON REVENUE WATER			2.487 M			0.600 M	
11 EQUIPMENT / TOOLS (Prod & Maint personnel use)			0.180 M			0.110 M	
12 COMMUNICATION (prod personnel use)			0.052 M			0.048 M	

COMPARISON		BUDGET 2021	BUDGET 2020
#	Items / Work Description	Amount	Amount
13	LOT PURCHASE	1.000 M	1.000 M
14	CONSTRUCTION	3.766 M	1.353 M
15	COVID-19 INTERVENTION	1.053 M	
16	DISASTER RESPONSE	2.883 M	0.030 M
	Total	67.116 M	53.558 M

Prepared by :

RENE A VILLEGAS
SWUDO

COMPARATIVE OPERATING AND MAINTENANCE EXPENSES

EXPENSES	BUDGET 2021	BUDGET 2020
Personnel Services		
<i>Salaries and Wages</i>	22,588,576.25	18,840,736.96
<i>Other Compensation</i>		
Personnel Economic Relief Allowance (PERA)	948,000.00	768,000.00
Representation Allowance (RA)	102,000.00	268,000.00
Transportation Allowance (TA)	102,000.00	268,000.00
Clothing/Uniform Allowance	186,000.00	192,000.00
Other Bonuses and Allowances	2,375,549.00	2,468,411.60
Honoraria	669,600.00	712,800.00
Longevity Pay	5,000.00	25,000.00
Overtime and Night Pay	256,233.73	263,098.82
Cash Gift	240,000.00	180,000.00
Year End Bonus	1,200,655.00	1,879,728.00
<i>Total Other Compensation</i>	6,085,037.73	7,025,038.42
<i>Personnel Benefit Contributions</i>		
Retirement and Life Insurance Premiums	1,635,812.40	1,632,245.88
Pag-IBIG Contributions	47,400.00	38,400.00
PhilHealth Contributions	167,604.35	151,739.96
Employees Compensation Insurance Premiums	47,400.00	38,400.00
<i>Total Personnel Benefit Contributions</i>	1,898,216.75	1,860,785.84
<i>Other Personnel Benefits</i>		
Terminal Leave Benefits	1,322,183.36	1,486,178.18
<i>Total Other Personnel Benefits</i>	1,322,183.36	1,486,178.18
TOTAL PERSONNEL SERVICES	31,894,014.09	29,212,739.40
Maintenance and Other Operating Expenses		
<i>Traveling Expenses</i>		
Travelling Expenses -Local	265,680.00	87,360.00
<i>Training and Scholarship Expenses</i>		
Training Expenses	900,000.00	420,000.00
<i>Supplies and Materials Expenses</i>		
Office Supplies Expenses	492,299.00	409,842.00
Accountable Forms Expenses	47,437.50	47,437.50
Non-Accountable Forms Expenses	82,995.00	113,160.00
Medical, Dental and Laboratory Expenses	99,600.00	
Other Supplies and Materials Expenses	5,081,665.22	4,568,850.00
Chemical and Filtering Supplies Expenses	2,688,000.00	1,909,800.00
Semi-Expendable Machinery and Equipment Expense	4,554,870.00	3,073,200.00
<i>Total Supplies and Materials Expenses</i>	13,046,866.72	10,122,289.50
<i>Utility Expenses</i>		
Fuel, Oil and Lubricants Expenses -Office	570,900.00	570,900.00
Electricity expenses -Office	304,800.00	326,928.57
<i>Total Utility Expenses</i>	875,700.00	897,828.57

<i>Communication Expenses</i>		
Postage and Courier Services	9,900.00	5,940.00
Telephone expenses -Mobile	135,600.00	128,400.00
Telephone expenses -Landline	66,000.00	59,400.00
Internet Subscription Expenses	73,920.00	57,360.00
<i>Total Communication Expenses</i>	285,420.00	251,100.00
<i>Awards/Rewards, Prizes and Indemnities</i>		
Indemnities and Other Claims	21,600.00	21,600.00
Awards/ Rewards Expenses	12,000.00	12,000.00
<i>Generation, Transmission and Distribution Expenses</i>		
GTD -Electricity	13,600,590.25	14,546,417.90
GTD -Fuel	701,520.00	701,520.00
<i>Total Generation, Transmission and Distribution Expenses</i>	14,302,110.25	15,247,937.90
<i>Extra-ordinary and Miscellaneous Expenses</i>		
	110,000.00	110,000.00
<i>Professional Services</i>		
Legal Services	151,200.00	96,800.00
Auditing Services	311,000.00	370,000.00
Other Professional Services	502,000.00	413,250.00
<i>Total Professional Services</i>	964,200.00	880,050.00
<i>Repairs and Maintenance</i>		
Repairs and Maintenance -Land Improvements	12,000.00	12,000.00
Repairs and Maintenance -Transportation Equipment	389,120.00	306,840.00
<i>Buildings and Other Structures</i>		
Repairs and Maintenance -Office Buildings	36,000.00	36,000.00
Repairs and Maintenance -Pumping Stations	60,800.00	79,177.10
<i>Infrastructure Assets -UPIS</i>		
Repairs and Maintenance -Reservoirs and Tanks	503,349.60	
Repairs and Maintenance -Trans and Distribution Main	1,987,010.00	582,770.00
Repairs and Maintenance -Service Connection	350,550.00	41,700.00
Repairs and Maintenance -Meters	40,487.50	17,765.00
<i>Machinery and Equipment</i>		
Repairs and Maintenance -Office Equipment	96,000.00	86,500.00
Repairs and Maintenance -ICT Equipment	138,000.00	57,500.00
Repairs and Maintenance -OME-Power Production	619,771.00	277,671.00
Repairs and Maintenance -OME-Pumping	150,000.00	183,500.00
Repairs and Maintenance -OME-Water Treatment	138,140.00	10,640.00
Repairs and Maintenance -OME-Tools	189,700.00	22,500.00
Repairs and Maintenance -OME-Furniture and Fixtures	6,000.00	6,000.00
<i>Total Repairs and Maintenance</i>	4,716,928.10	1,720,563.10
<i>Taxes, Insurance Premiums and Other Fees</i>		
Taxes, Duties and Licenses	1,708,412.70	1,727,546.48
Insurance Expenses	382,905.96	388,350.60
<i>Total Taxes, Insurance Premiums and Other Fees</i>	2,091,318.66	2,115,897.08
<i>Other Maintenance and Operating Expenses</i>		
Representation Expenses	180,000.00	183,000.00
Membership Dues and Contributions to Organizations	11,728.00	10,550.00
Subscription Expenses	1,078,709.00	23,400.00
Other Maintenance and Operating Expenses	60,000.00	102,000.00

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Budget 2021

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<i>Total Other Maintenance and Operating Expenses</i>	1,330,437.00	318,950.00
TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES	38,922,260.72	32,205,576.14
Non-Cash Expenses		
<i>Depreciation</i>		
Land Improvement	329,492.72	267,766.64
UPIS	5,004,194.03	4,409,886.81
Buildings & Structures	473,538.37	445,798.41
Office Equipment	2,168,647.55	1,777,998.95
Land Transport Equipment	815,021.04	842,012.98
Other Machinery and Equipment	2,381,642.05	2,345,548.12
Total Depreciation	11,172,535.75	10,089,011.90
Discount and Rebates		
Senior Citizen Discount	33,385.00	22,015.95
Total Discounts and Rebates	33,385.00	22,015.95
TOTAL NON-CASH EXPENSES	11,205,920.75	10,111,027.85
TOTAL EXPENSES	82,022,195.56	71,529,343.39

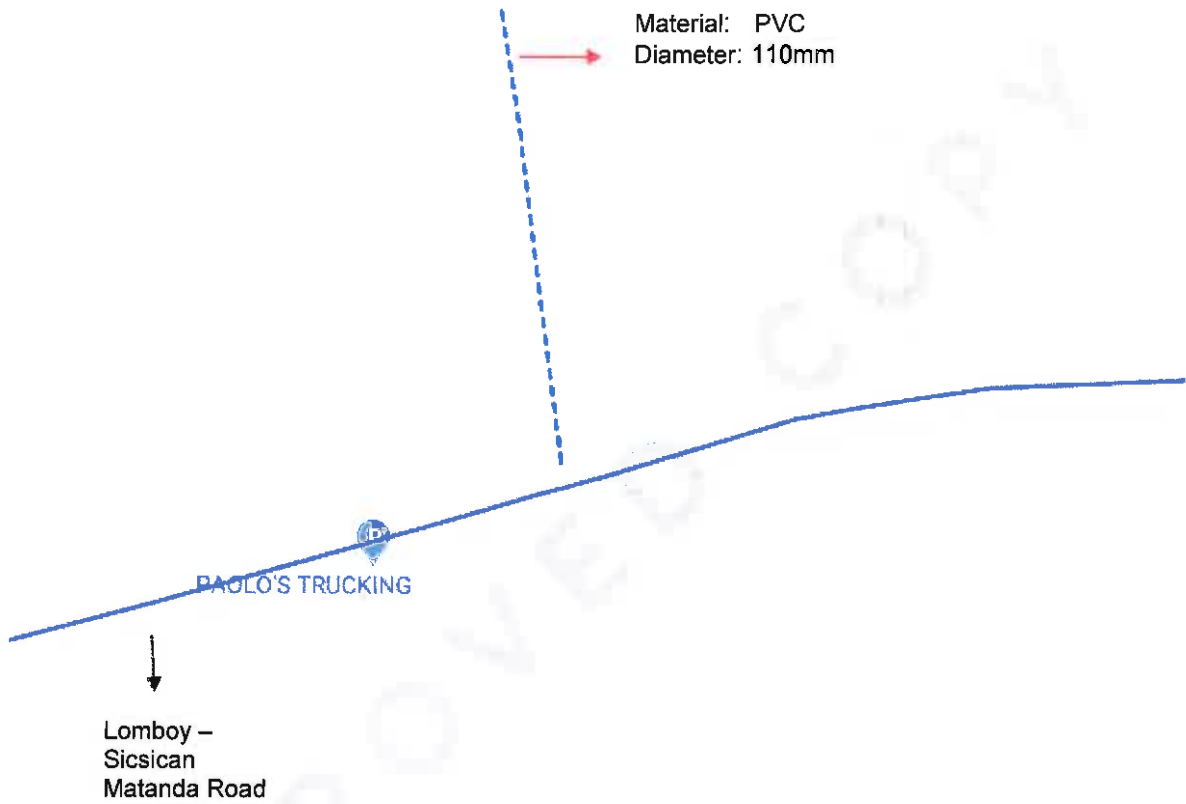
Prepared by:

ROWENA N DELA CRUZ
Financial Planning Specialist

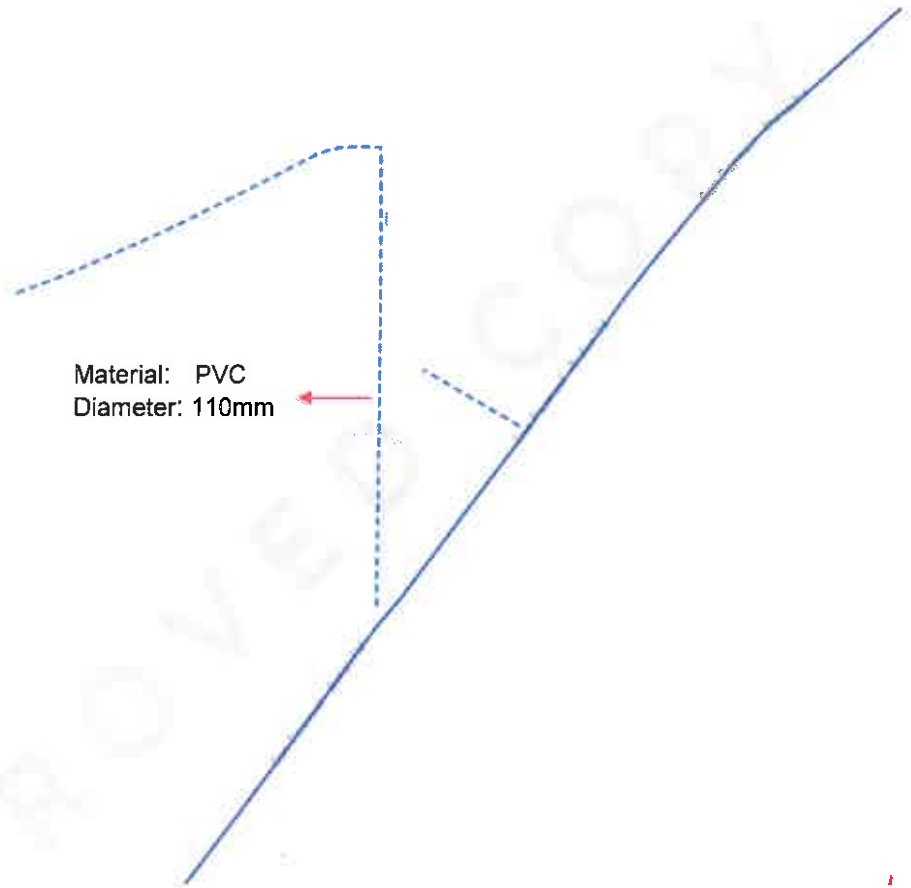
Percentage Increase/Decrease Against Budget
2021 and 2020

<u>Account Name</u>	<u>2021</u>	<u>2020</u>
<i>Personal Services</i>	34%	35%
<i>Operating Expenses</i>	36%	37%
<i>Repairs & Maintenance Expenses</i>	5%	2%
<i>Depreciation Expenses</i>	12%	12%
Net Income	13%	14%
<i>Revenues</i>	100%	

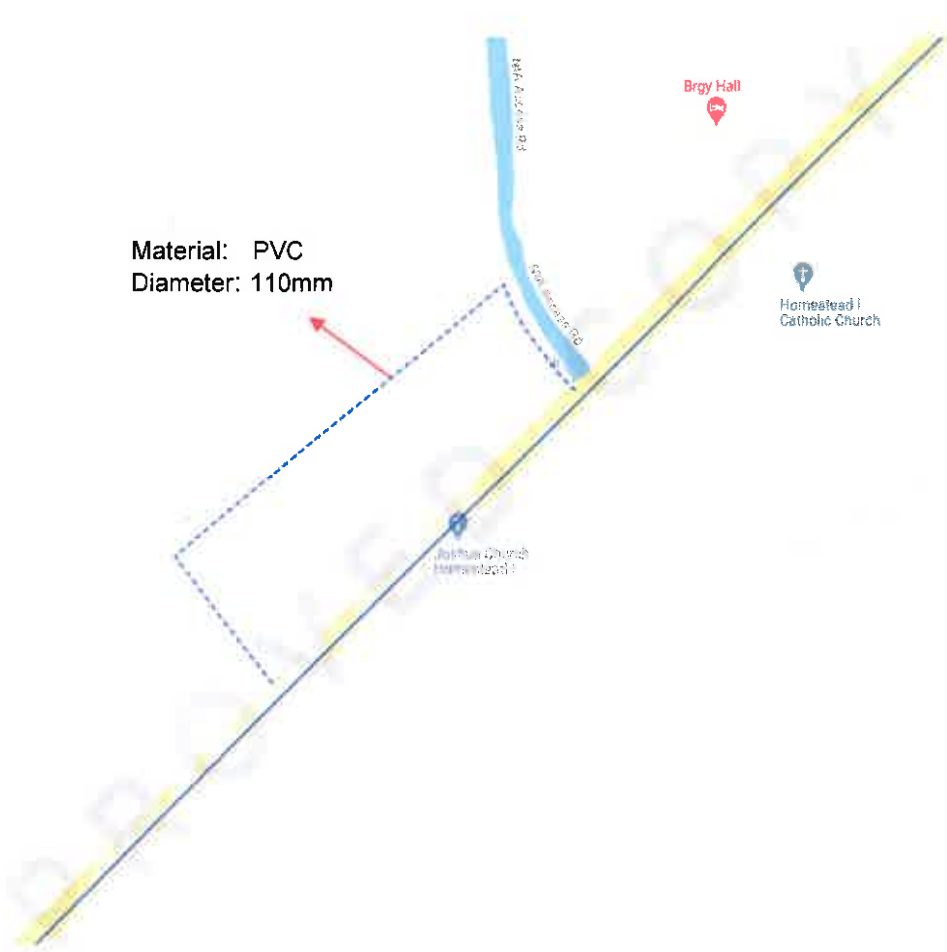
DRAWINGS



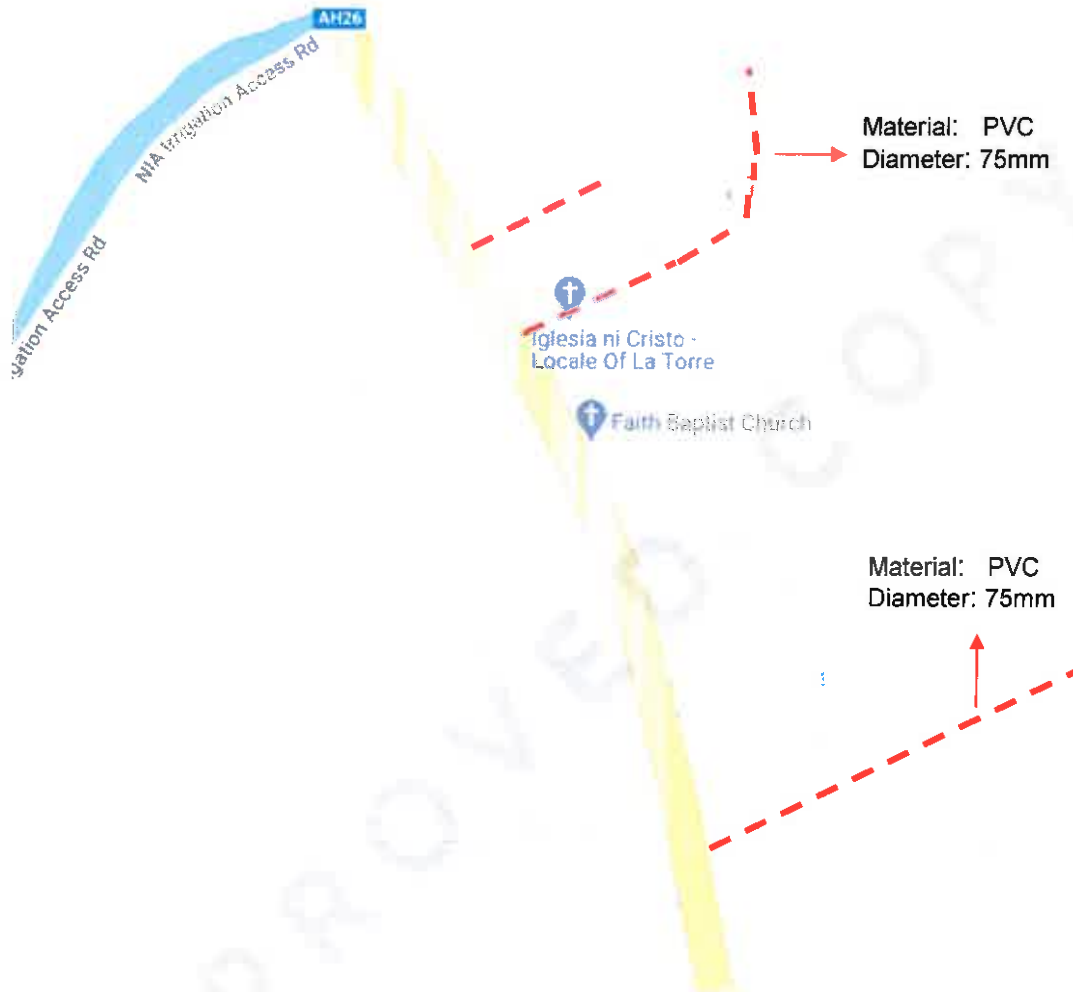
EXPANSION OF PIPELINE
Purok 1, Lomboy
L=156 m



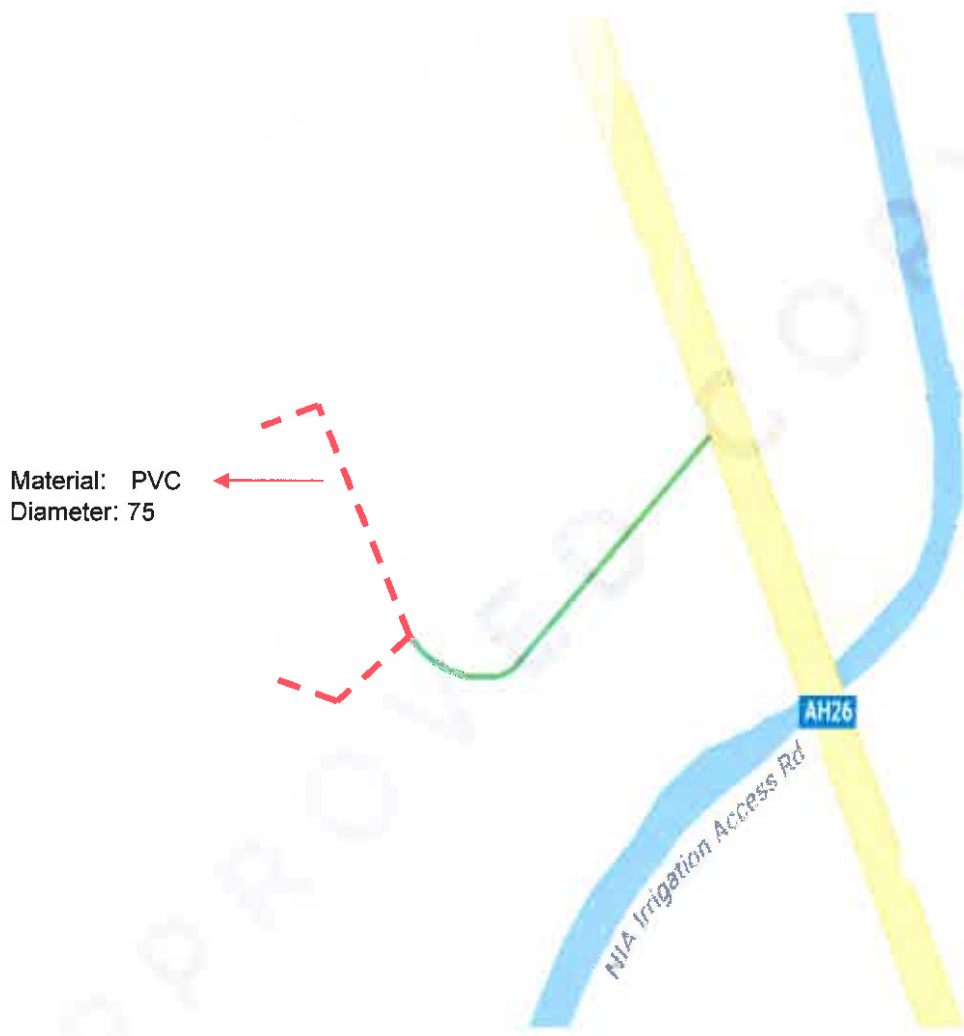
EXPANSION OF PIPELINE
Purok 1, Tabacao
L=840 m



EXPANSION OF PIPELINE
Purok Masagana, Homestead 1
L=390 m



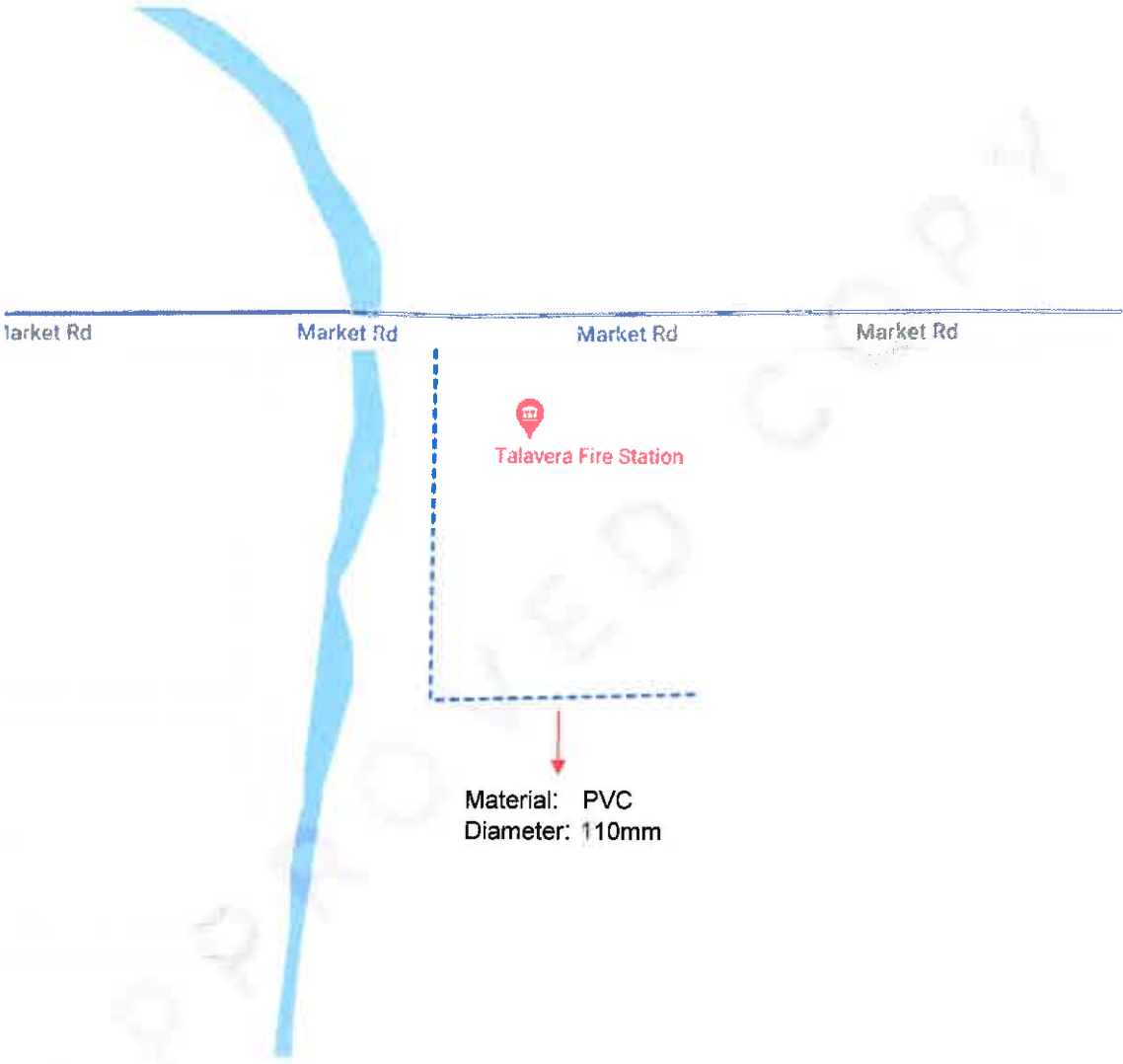
EXPANSION OF PIPELINE
Purok 1, La Torre
L=330 m



EXPANSION OF PIPELINE
Calahi Compound, La Torre
L=150 m

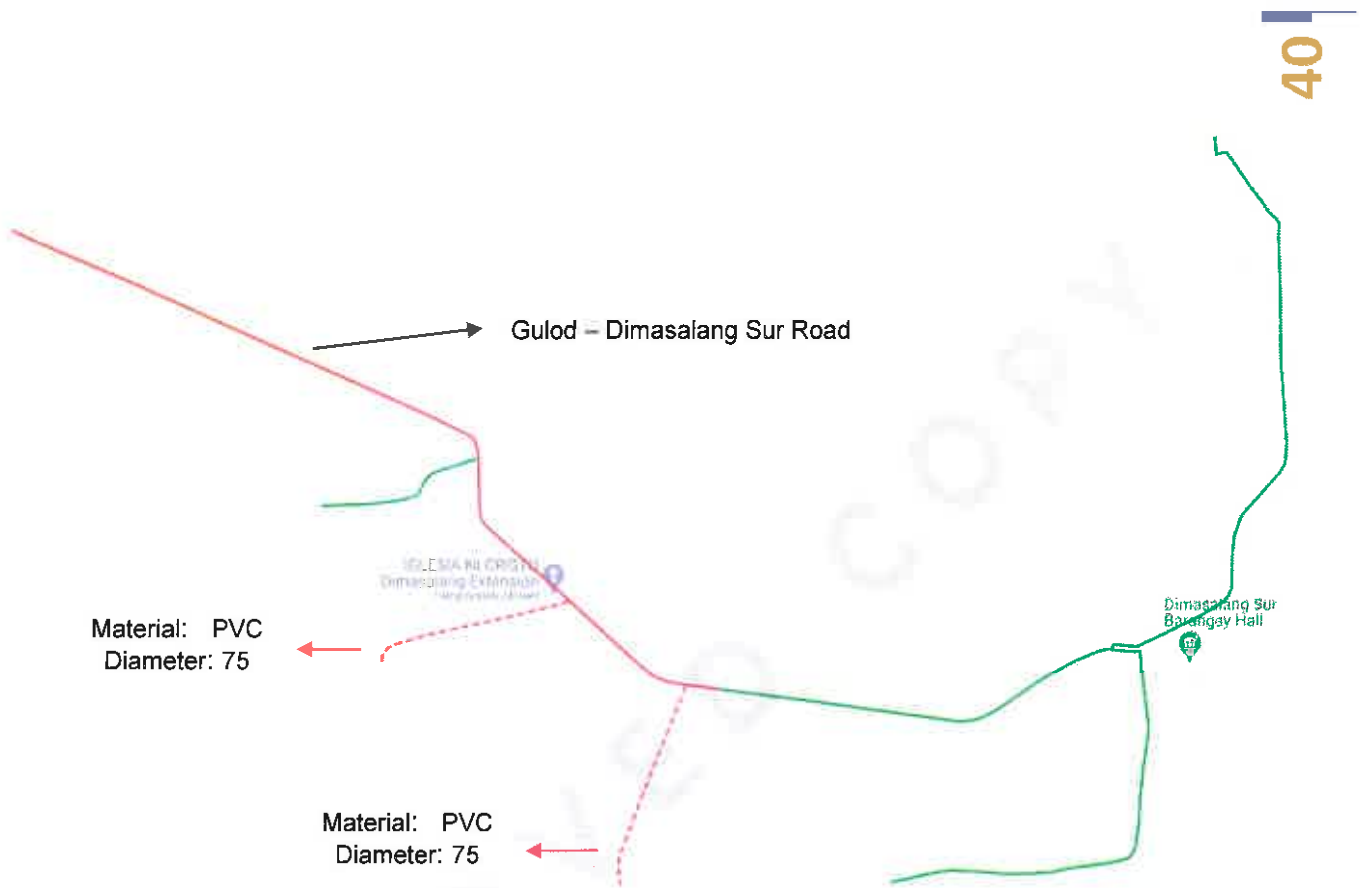


EXPANSION OF PIPELINE
Purok Juan Luna, Pinagpanaan
L=942 m

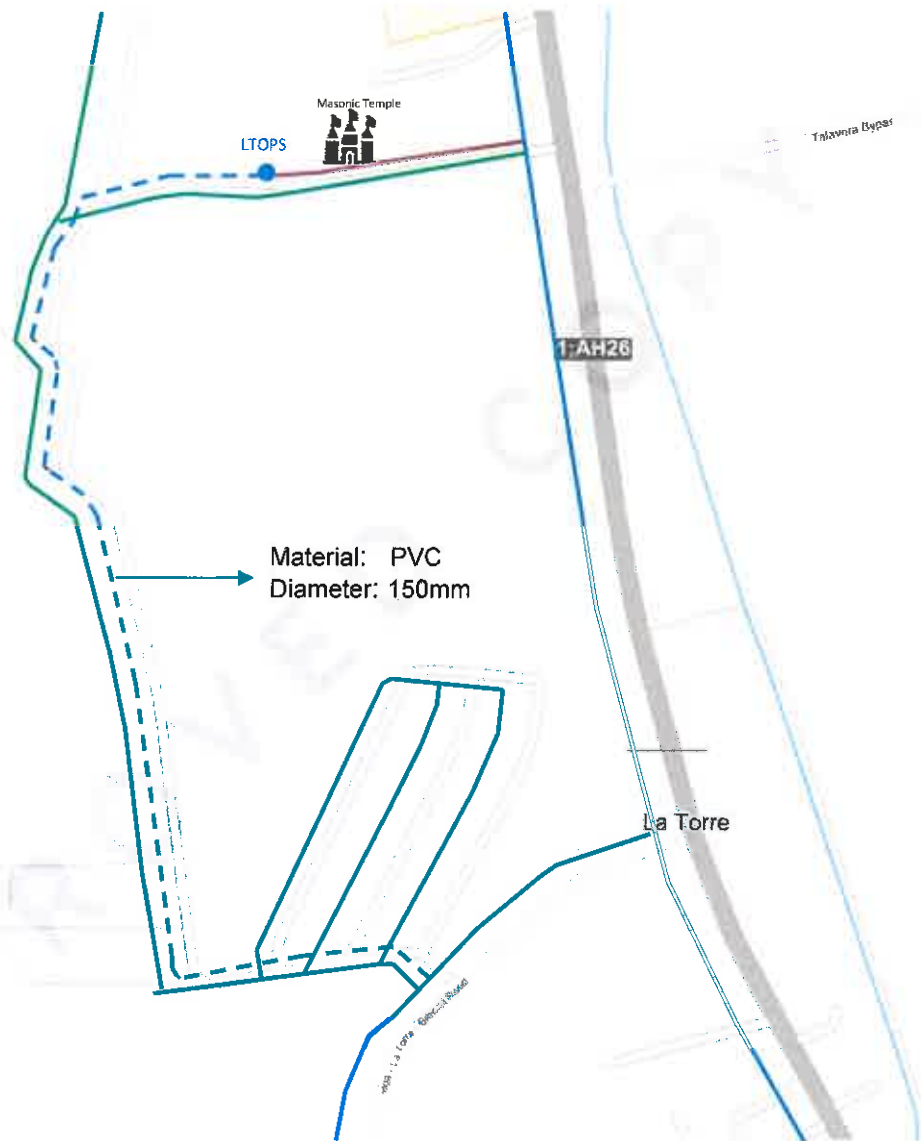


EXPANSION OF PIPELINE
Purok 1, Sampaloc
L=126 m

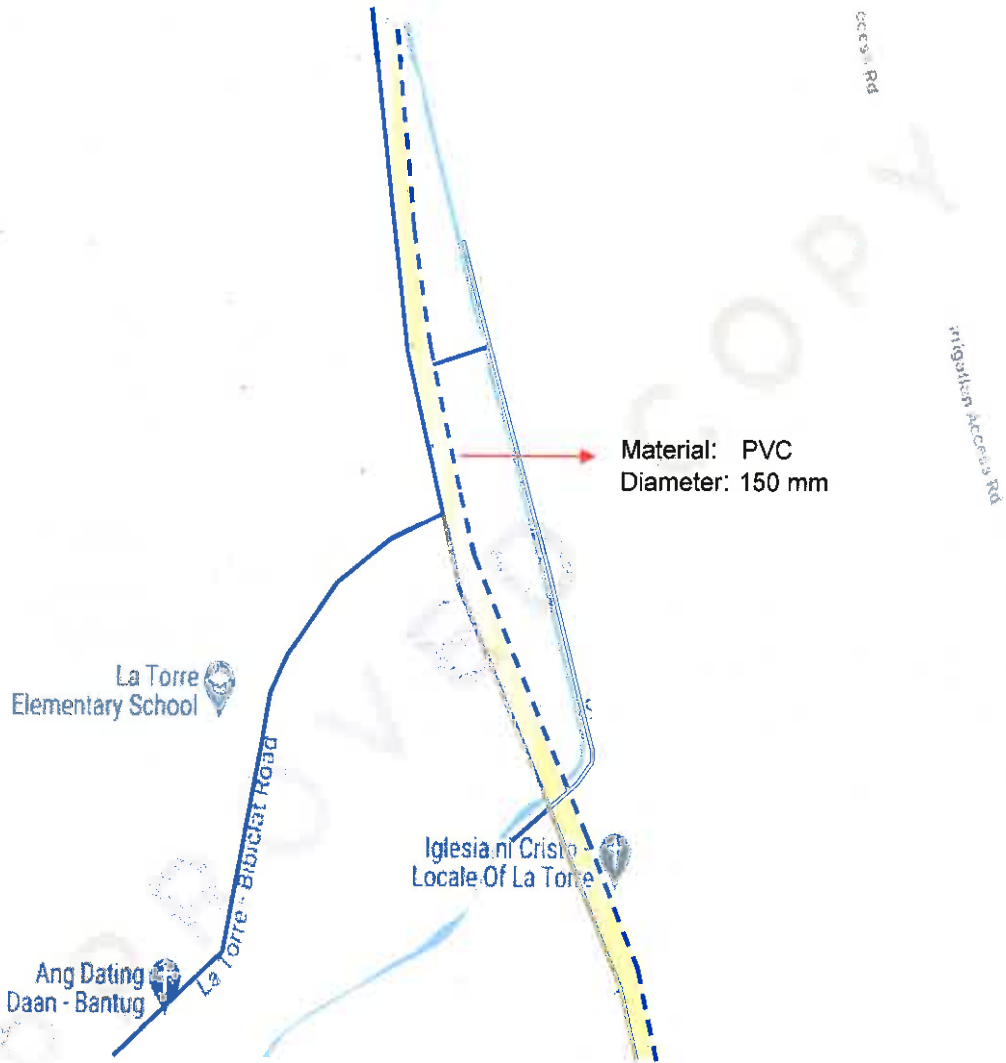
TALAVERA WATER DISTRICT



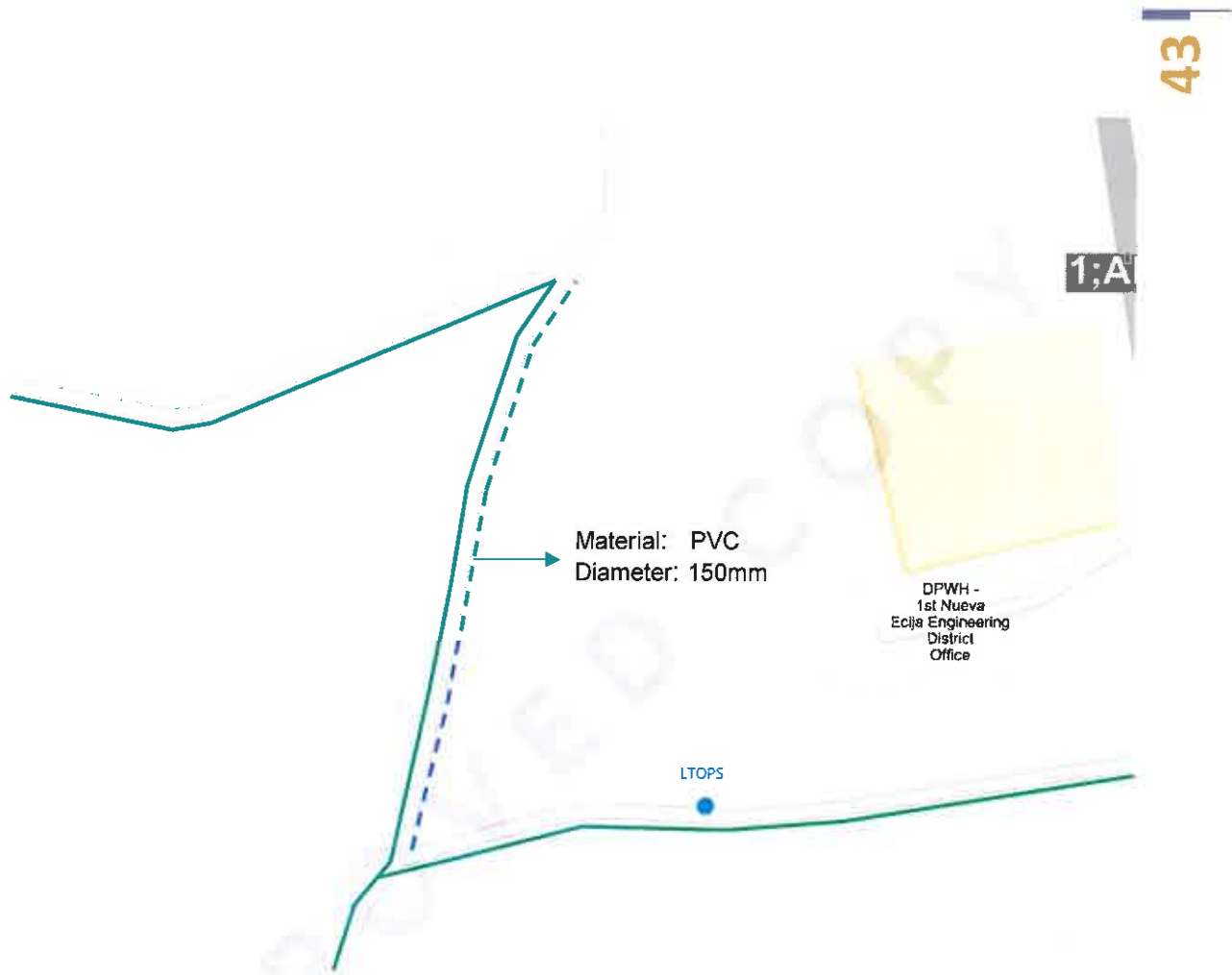
EXPANSION OF PIPELINE
Purok 2, Dimasalang Sur
L=432 m



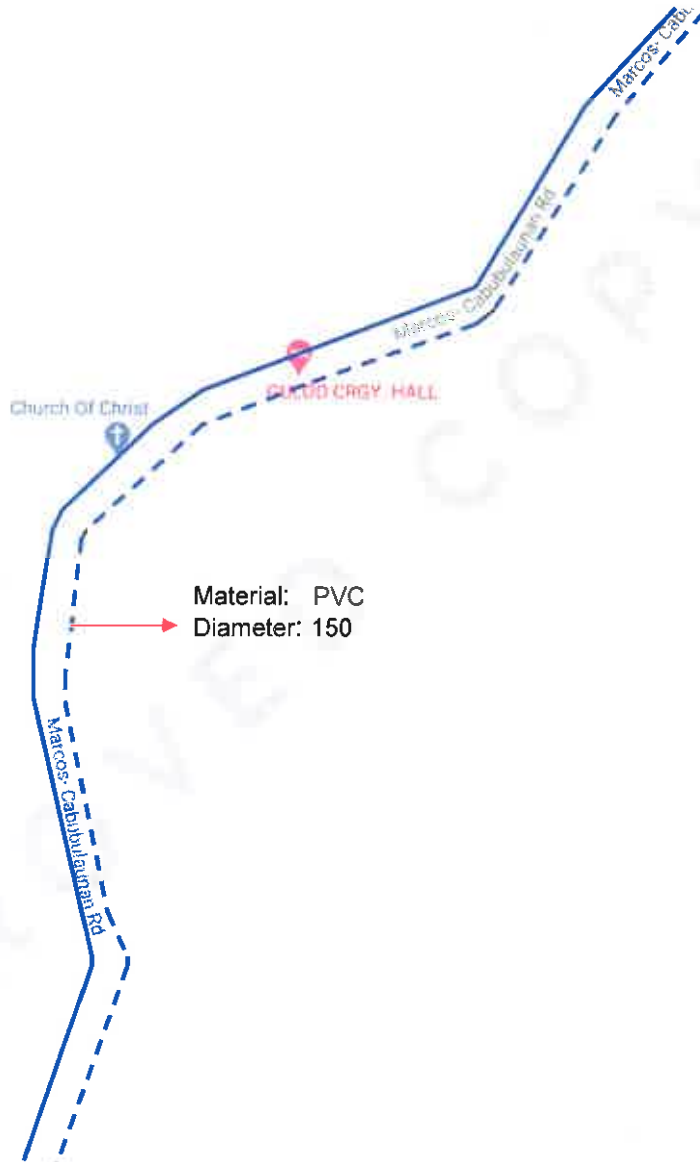
PARALLEL PIPELINE
Interior, La Torre
L=1,230 m



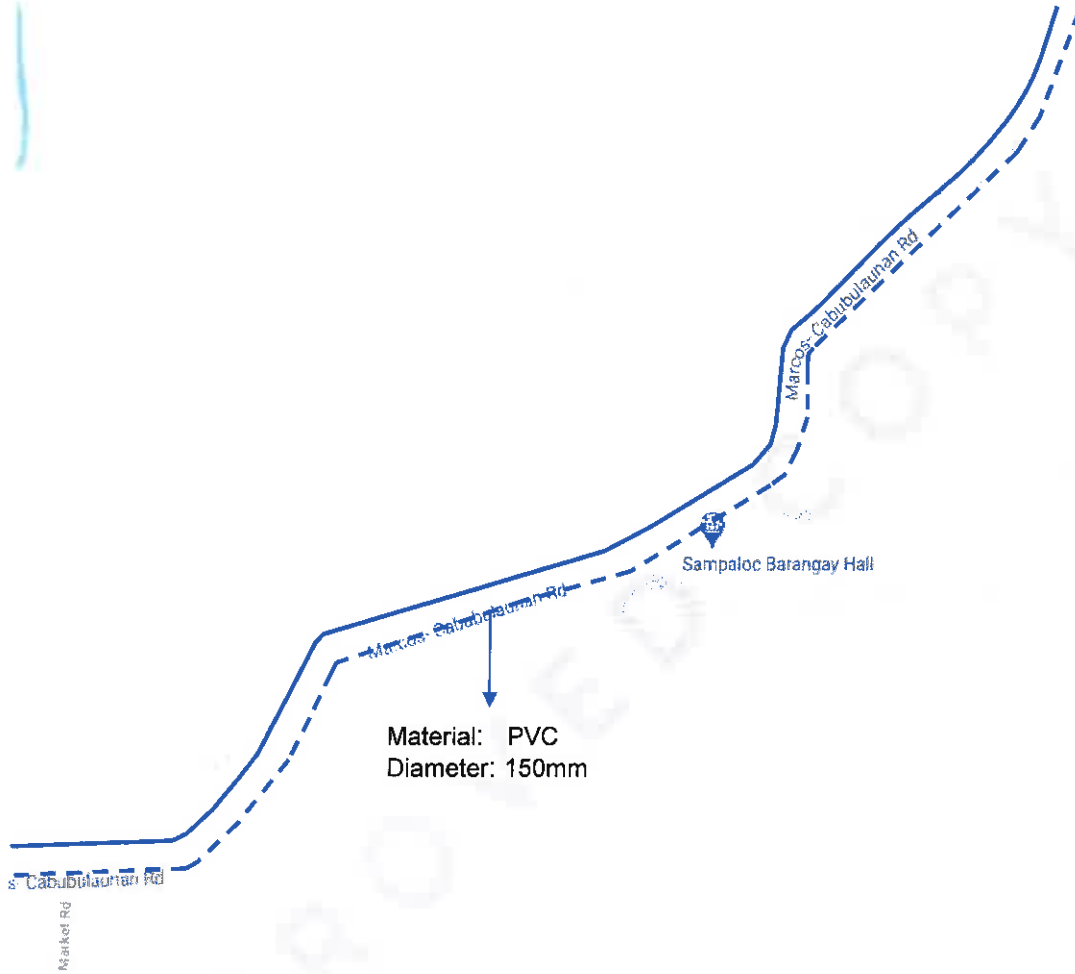
PARALLEL PIPELINE
Maharlika Highway, La Torre
L=1,230 m



PARALLEL PIPELINE
Interior, Poblacion Sur
L=300 m



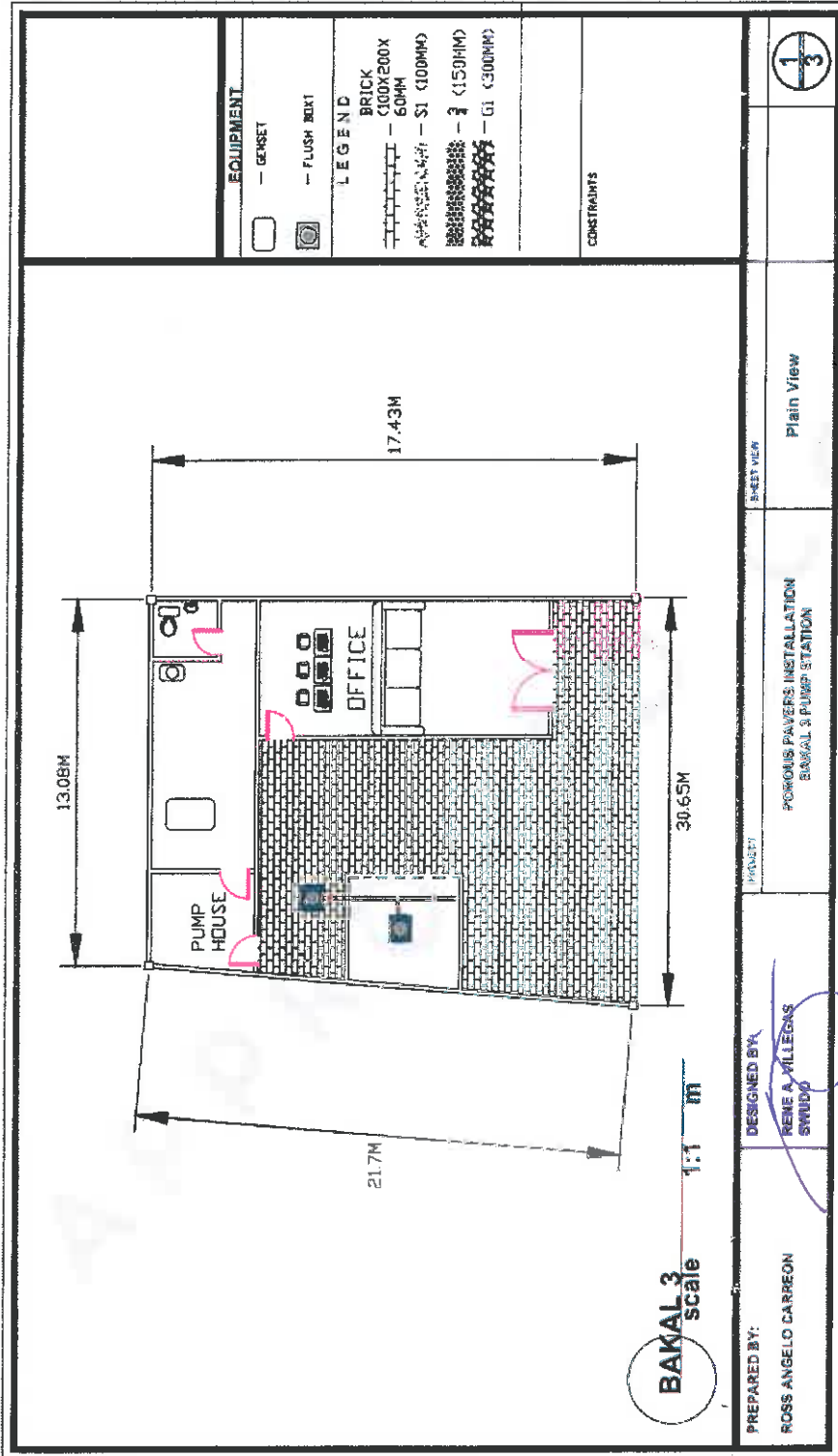
PARALLEL PIPELINE
Main Road, Gulod
L = 1,230 m



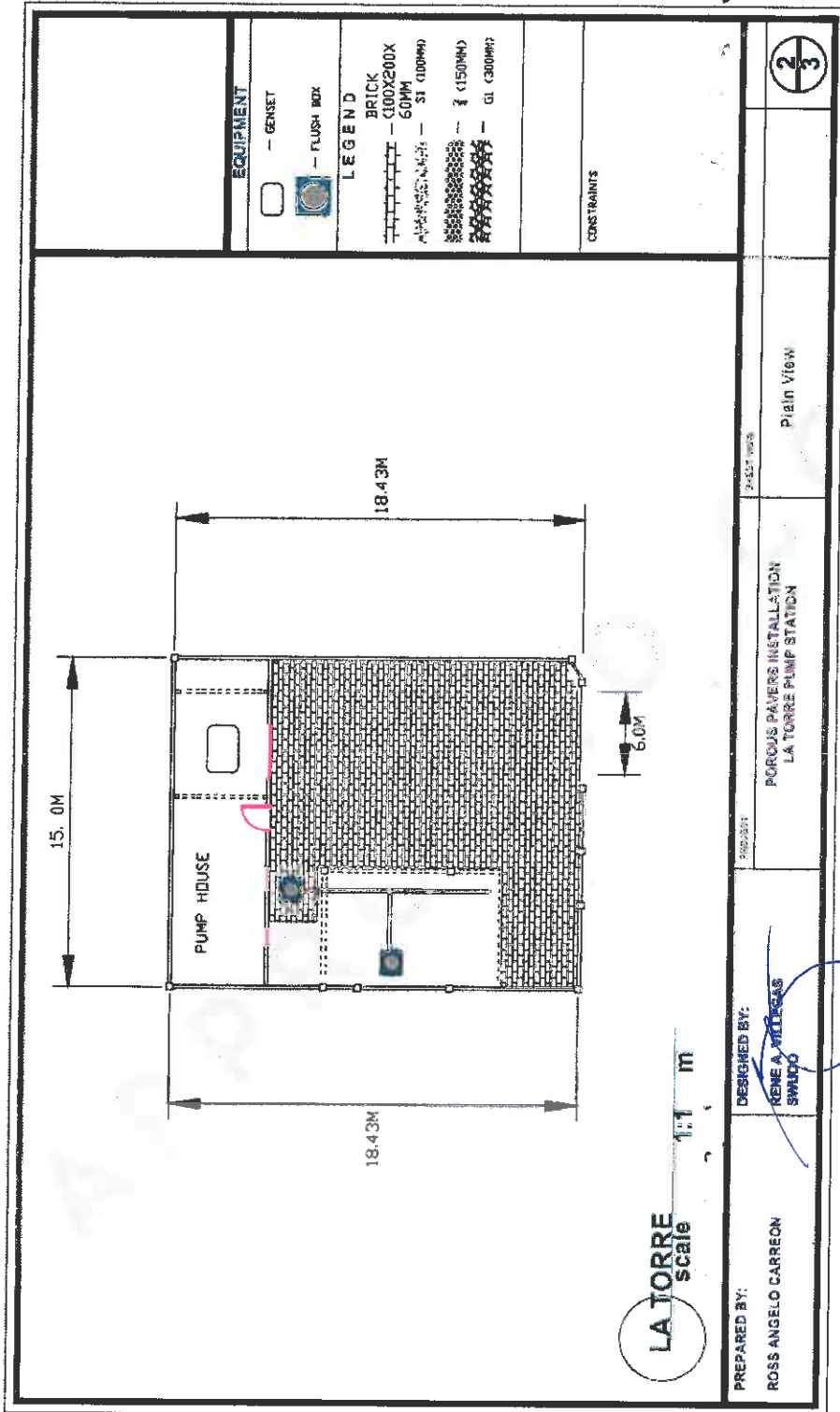
PARALLEL PIPELINE
Main road, Sampaloc
L=1,230 m



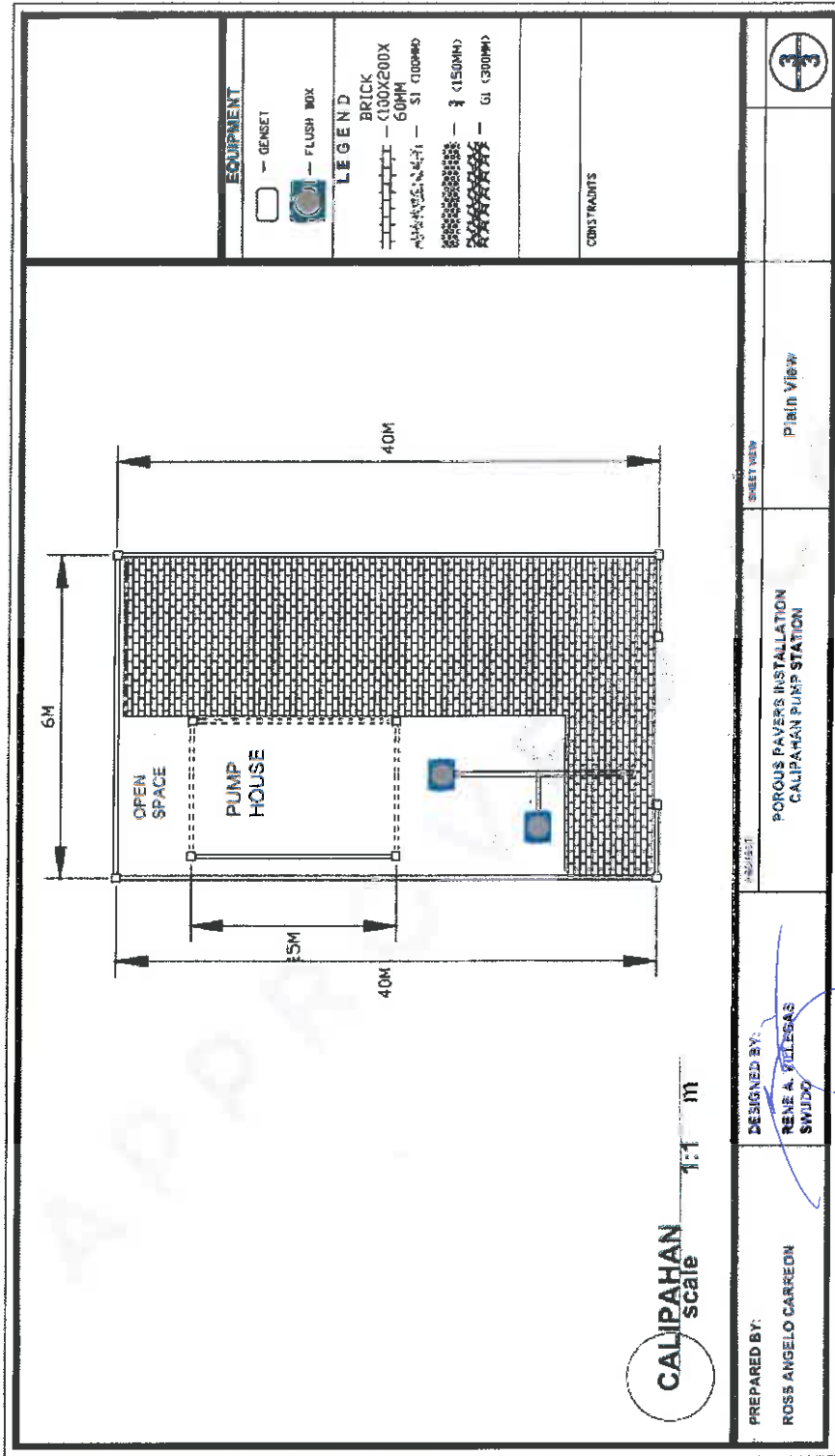
RELOCATION OF PIPELINE
Maharlika Highway, La Torre
L = 630 m



POROUS PAVERS INSTALLATION (BAKAL 3 PUMP STATION)



POROUS PAVERS INSTALLATION (LA TORRE PUMP STATION)



POROUS PAVERS INSTALLATION (CALIPAHAN PUMP STATION)