

REQUEST FOR QUOTATION

1. The Philippine Ports Authority (PPA), Port Management Office (PMO) Mindoro, through its Bids and Awards Committee (BAC), invites contractors duly registered with the Philippine Contractors Accreditation Board (PCAB) to submit their quotation or bid proposal for the maintenance project described herein. This procurement will be conducted in accordance with Rule IV, Section 34 of Republic Act No. 12009 (NGPA) and its Implementing Rules and Regulations (IRR), which governs Small Value Procurement:

- a. Project Title : Maintenance of Old PTB Comfort Room
- b. Location : Port of Abra de Ilog, Occidental Mindoro
- c. Project ID No. : MPF-MDO-22-2026
- d. Scope of Works :

Item #	Description	Quantity	Unit
1.00	Mobilization, Demobilization and Cleaning Up	1.00	Lot
2.00	Demolition, Disposal, and Turn-over of Various Items	1.00	Lot
3.00	Supply and Installation of Sanitary and Water Lines including Accessories and Fittings	1.00	Lot
4.00	Supply and Install Ceramic Tiles including Restoration of Concrete Floor and Wall	75.35	Sq. M
5.00	Supply and Install Toilet Fixtures with Accessories	1.00	Lot
6.00	Supply and Install of Doors and Restore Partitions	1.00	Lot

- e. Approved Budget for the Contract (ABC) : Php 902,848.52
- f. Contract Duration : Sixty (60) Calendar Days

2. Prospective bidders shall submit their best offer for the item/s described herein, subject to the Terms and Conditions provided, including the following required documents, **duly signed** by the bidder or its authorized representative:

- 1. Request for Quotation (RFQ);
- 2. Specifications;
- 3. PERT/CPM;
- 4. Copy of PCAB License;
- 5. Omnibus Sworn Statement;
- 6. Copy of PhilGEPS Certificate of Registration; and
- 7. List of Equipment, if required:
 - a. Dump Truck, 6 Cu. Yards
 - b. Chipping Hammer

3. Quotation/bid proposal must be submitted to the **Bids and Awards Committee (BAC), c/o BAC Secretariat, PPA PMO-Mindoro, Port Area, Barangay San Antonio, Calapan City, Oriental Mindoro**, on or before **2:00 p.m., 20 October 2026**.

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4. Terms and Conditions:

- 4.1 The Price Quotation (Annex "A") shall be in the BAC-prescribed form and shall be submitted, either in an open or sealed envelope, together with the Bill of Quantities (Annex "B") and all corresponding detailed estimates, at the address stated above, not later than the time and date specified hereof.
 - 4.2 Price Quotations should be typewritten or legibly handwritten in indelible ink, with the values and prices of the items quoted totaled accordingly. Any interlineation, erasure or overwriting shall be valid only if they are signed or initialed by signatory or his/her duly authorized representative.
 - 4.3 The bidder shall include in his/her Price Quotation all related expenses and obligations, including Value Added Tax (VAT), as well as the carrying out of services and supply of necessary labor and materials in undertaking the works in accordance with relevant conditions, rules, regulations, drawing and specifications prescribed by Philippine Ports Authority, Port Management Office – Mindoro.
 - 4.4 All Price Quotations shall carry a validity period of at least Thirty (30) calendar days after receipt of the Notice to Proceed (NTP).
 - 4.5 Liquidated damages equivalent to one tenth of one percent (0.1%) of the cost of the unperformed portion of the works per day of delay. The PPA, PMO-Mindoro shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.
 - 4.6 Warranty of the works shall be for a period of One (1) year from the date of acceptance by the PPA, PMO – Mindoro.
5. The Philippine Ports Authority, PMO-Mindoro reserves the right to reject any and all bids, declare a failure of bidding, without offering any reason, waive any defect therein and make an award to the bidder whose quotation is the most advantageous to the Authority. PPA likewise assumes no obligation for whatever losses that may be incurred by the bidder in preparation of quotations nor does it guarantee that the award shall be made.


LEO A. ROMERO
BAC Chairperson

08 October 2026

Price Quotation Form

Date : _____

The Chairperson
Bids and Awards Committee (BAC)
Philippine Ports Authority
Port Management Office – Mindoro
Port Area, San Antonio
Calapan City, Oriental Mindoro

Dear Sir:

After having carefully read and accepted the terms and conditions in the Request for Quotation (RFQ) for the procurement of the project, entitled **Maintenance of Old PTB Comfort Room, Port of Abra de Ilog, Occidental Mindoro**, under Project ID No. **MPF-MDO-22-2026**, we hereby submit our quotation corresponding to your requirements.

The Total Price of our Quotation is _____ (Php _____).

The above-quoted prices are inclusive of all costs and applicable taxes.

We/I shall complete the works in accordance with the Drawing and Bid Documents within _____ (_____) Calendar Days, beginning at the most, five (5) days from the date of receipt of the Notice to Proceed.

We/I understand that the Authority may order additions to or deletions from the scope of work as specified, if necessary.

Enclosed herewith also are the Detailed Estimates and Computations of the cost of all items of works.

Very truly yours,

Name and Signature : _____
Position : _____
Company : _____
PhilGEPS Reg. No. : _____
Contact Number : _____
Email Address : _____

BILL OF QUANTITIES

INSTRUCTIONS

1. Accomplish the RFQ including this supporting documents correctly.
2. Do not alter the contents of all forms in any way.
3. Failure to comply with any of the mandatory requirements will disqualify your quotation.

After having carefully read and accepted the Terms and Conditions, I/we submit our quotation/s for the project below:

Name of Project : Maintenance of Old PTB Comfort Room					
Location : Port of Abra De Ilog, Occidental Mindoro					
Item No.	Description	Quantity	Unit	Unit Price (Pesos)	Amount (Pesos)
1.00	General expenses				
1.01	Mobilization and demobilization	1.00	lot		
2.00	Demolition, disposal, and turn-over of various items				
2.01	Demolition, removal, disposal and turn-over of unusable tiles, plumbing pipes, fixtures,and doors	1.00	lot		
3.00	Plumbing works				
3.01	Supply and installation of sanitary and water lines including accessories and fittings	1.00	lot		
4.00	Tiling works				
4.01	Supply and install ceramic tiles including restoration of concrete floor and wall	75.35	sq.m.		
5.00	Toilet fixtures and signages				
5.01	Supply and install toilet fixtures with accessories and signages	1.00	lot		
6.00	Doors and partitions				
6.01	Supply and install of doors and restore partitions including accessories with paint finish	1.00	lot		
Total Bid Price					
				Php	

Philippine Ports Authority
PORT MANAGEMENT OFFICE – MINDORO
Engineering Services Division
San Antonio, Port Area, Calapan City
Oriental Mindoro

**MAINTENANCE OF OLD PTB COMFORT ROOM
PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO**

Technical Specifications

I. GENERAL CONDITION

The Work generally consist of furnishing of all labor, materials and equipment required to carry out and complete the *Maintenance of Old PTB Comfort Room, Port of Abra De Ilog, Occidental Mindoro*, in accordance with the contract drawings and in conformity with these specifications.

PLANS AND SPECIFICATIONS

All drawings, whether in small scale or detailed, are intended to correspond with specifications to form part thereof and the contract documents. Where figures are given, they are to be followed in preference to measurement by scale. Anything shown on the drawings but not indicated in the specifications or vice-versa or anything not expressly set forth in either but which is reasonably implied, shall be furnish and installed as though specifically shown and mentioned in both, without extra cost to PPA.

II. SCOPE OF WORKS

• MOBILIZATION AND DEMOBILIZATION

The Contractor shall deliver all material to the site in the original labeled sealed cans and containers, with labels intact and seal unbroken. Paint in thinner shall be stored in accordance with the approved manufacturer's instructions.

The Contractor shall keep all materials to and from the site of the disposal area clean and free of dirt and debris during and after the execution of disposal. Disposal of debris and materials shall be as directed by the Engineer.

The Contractor shall mobilize and put into work all personnel, plant, and equipment required to undertake the works. The minimum equipment required to be mobilized at the site are the following:

<u>Equipment Description</u>	<u>Quantity</u>
Dump truck, 6 cu. yds.	One (1) Unit/s
Chipping hammer	One (1) Unit/s

SAFETY

During the course of survey and clearing, any obstacles which are recognized and seemed to be explosive or hazardous to workers shall be removed from the site by the proper Authority.

At the end of each day’s work, the Contractor shall keep the workplace in safe condition and clean so that no part is in danger of falling or creating hazard to personnel or equipment.

• DEMOLITION, DISPOSAL AND TURN-OVER

The work includes the furnishing of all labor, materials and equipment required to carry out the demolition and removal of old structures, port accessories and obstructions including demolition of miscellaneous, etc., as required for the execution of the Contract.

The Contractor shall submit the proposed methodology or procedure of demolition work with detailed drawings and calculations if necessary, to the Engineer for approval, before the execution of the Works.

The Contractor shall keep all materials to and from the site of the disposal area clean and free of dirt and debris during and after the execution of disposal. Disposal of debris and materials shall be as directed by the Engineer.

GENERAL PROVISIONS

1. The Contractor shall be deemed to have satisfied himself of the site conditions, and to have included in his unit prices provision for all risks that may arise during or in connection with the work.
2. The demolition shall be carried out by approved methods and equipment such as chipping gun, welding machine etc., however, no blasting shall be used unless approved in writing by the Engineer and after obtaining the written permission of the concerned authorities.
3. The Contractor shall provide suitable equipment, skilled labor and appropriate temporary works such as scaffoldings to ensure safety in his demolition works as well as in the adjacent area.
4. Contractor shall demolish all the structural members above the level on which the subsequent and permanent works under this Contract will begin. To this end, the temporary construction works such as excavation shall be conducted by the Contractor.
5. Materials coming from the demolition works, except general earth, shall remain the property of the Procuring Entity, the designated part of which shall be stored by the Contractor at places specified by the Engineer/ Accepting authority. Receiving copy of Turn-Over Report shall be provided.

INTERFERENCE WITH PORT OPERATIONS

During the execution of the work, the Contractor shall not interfere with the shipping, navigation and other traffic in the port.

The Contractor shall make arrangements with the operations people on the schedule of demolition and related works to keep port operation activities undisturbed at all times.

Prior to commencement of the demolition works, the Contractor shall inform/announce to port users the schedule of disconnection of utilities.

STORAGE AND DUMPING

Prior to the commencement of the demolition work, the Engineer shall submit to the Contractor a list in which all the materials to be salvaged and overhauled, as property of PPA, and the description of the location of their storage. Materials embedded in concrete units shall not be salvaged.

The Contractor shall separate materials to be salvaged from debris. Salvaged materials shall be loaded, transported and unloaded by the Contractor at the specified locations.

The Contractor may dump debris or extracted rocks on land areas but out of the site, which areas shall be procured and prepared at his own expense. In this case, safety measures shall be undertaken in the transporting, unloading, covering and others as requested by the Engineer.

The approximate distance of the disposal site from the project site is about five (5) kms.,as designated by the PMO thru the implementing office.

EXECUTION

1. Prior to the commencement of demolition works, the alignments of the new construction works to existing structure shall be checked.
2. Demolish old ceiling, ceiling joist, dilapidated lighting fixtures, doors, windows, glass wall, welded wire mesh, wall partition, floor tiles, wall tiles, plumbing fixtures and fascia cover, and the likes as determined in the field for each project and as shown on the drawings or as directed by the Engineer.
3. Materials coming from the demolition works shall be properly disposed by the Contractor.

SAFETY

During the course of survey and clearing, any obstacles which are recognized and seemed to be explosive or hazardous to workers shall be removed from the site by the proper Authority.

At the end of each day’s work, the Contractor shall keep the workplace in safe condition and clean so that no part is in danger of falling or creating hazard to personnel or equipment.

• **PLUMBING AND SANITARY WORKS**

The work covered for this section shall consist of furnishing all labor, tools, equipment, materials and incidentals necessary for the complete installation, testing and operation of the plumbing and sanitary system within the buildings and premises in accordance with these Specifications and as shown on the drawings or as directed by the Engineer. The septic tank and their effluent and discharge pipelines shall be part of other section of these specifications.

MATERIAL REQUIREMENTS

STANDARDS

Use of materials shall further be governed by other requirement imposed on other sections of these Specifications. Materials shall be subject to tests necessary to ascertain their fitness if the Engineer so requires. All works shall comply with the pertinent provisions of the

Plumbing Code of the concerned city or town, the Code on Sanitation of the Philippines, and/or the National Plumbing Code of the Philippines.

MATERIALS

1. Identification of Materials - Each length of pipe, fittings, traps, fixtures and devices used in the plumbing work shall have cast, stamped or indelibly marked on it, the approved manufacturer's trademark or name, the weight, type and class of product when so required by the standards mentioned above.
2. Alternative Materials - Use of any material not specified in this Specification may be allowed provided such alternate has been approved by the Engineer and provided further that a test, if required, shall be done by an approved agency in accordance with generally accepted standards.
3. Soil, Waste, Drain, Vent Pipes and Fittings - Soil, waste and vent pipes shall be unplasticized Polyvinyl Chloride (uPVC) pipes. Diameter shall be as indicated on the Drawings. It shall conform to ASTM D 1784 or ASTM D 2729. Drainage pipes shall be reinforced concrete pipes (RCP), diameter shall be as indicated on the Drawings.
4. Jointing Material - The joint material for uPVC pipes shall be PVC solvent cement as recommended by the approved pipe manufacturer.
5. Water Supply Pipes - Water supply pipes shall be polypropylene random-80 (PPR-80) pipes PN 20 conforming to DIN Standards DIN 1988/DIN 8078, German made. Jointing shall be fusion welded.
6. Clean-outs, Plugs and Tee - Clean-outs shall be of the same material as the pipe to be fitted. Cleanouts installed in connection with uPVC hubs and spigot pipes shall consist of a long sweep quarter bend of 14 as shown on the drawings.
7. Pipe Sleeves - Pipe sleeves shall be installed and properly secured in place at all points where pipes passes through masonry or concrete. Pipe sleeves shall be uPVC pipe, Schedule 40.
8. Shower, Floor and Urinal Drain - Shower and floor drains shall be made of stainless steel non-tilting grate, perforated or slotted. Urinal drains shall be cast iron dome type drain.
9. Unions - Union pipe 50mm and smaller shall be malleable iron. Union on water piping 63mmØ and larger shall be flanged pattern and shall be of galvanized (zinc coated) cast iron. Gaskets for flange unions shall be of best quality fiber plastic or leather.
10. Fixtures
 - a) Water Closets

All water closets for toilets as shown on the drawings shall be tank type, white with complete fittings and mounting accessories.
 - b) Lavatories
 - i. Lavatory (Wall Hung)

Shall be vitreous china, wall hung lavatory with rear overflow holes, fitting ledge suitable for single faucet holes on centers complete with faucet, standard fittings, trap and lavatory brackets and other accessories.
 - ii. Lavatory (Countertop Lavatory)

Shall be vitreous china, oval or round shaped countertop lavatory with front overflow hole, complete with faucet, supply valve and fittings with P-trap. Fitting ledge suitable for single hole on center.

c) Urinals

- i. Urinals for all comfort buildings shall be built-in urinal trough as shown on the drawings.
- ii. Urinals shall be vitreous china, wall-hung washout urinal, flushing rim, integral trap, 19mm top and shall be provided with water saving flush system.

d) Service Sinks

Service sinks where indicated or shown on the Drawings shall be stainless steel, with single bowl and with complete U.S. or Japan imported fittings.

e) Slope Sinks

Slop sink shall be 24"x20" acid resisting enamel on Cast-Iron with concealed hanger and faucet.

Hose bib shall be of brass finish.

f) Soap Holder

Soap holder and toilet paper holder shall be vitreous china, wall mounted. All toilet/bath rooms will be provided with soap holder, toilet paper holder and chrome plated towel racks.

g) Faucet for lavatory

Faucet for lavatory shall be in chrome-finish.

h) Bath and shower fitting

Bath and shower fitting shall be chrome-finish.

i) Towel Rail

Towel rail shall be tubular stainless steel, 2.7mmØ, and 0.54m long or as specified in the drawings.

j) Curtain rod

Curtain rod shall be tubular stainless steel, 19mmØ or as specified in the drawings.

k) Grab Bar

Grab bar shall be tubular stainless steel, 25mmØ or as specified in the drawings.

l) Bidet Spray Combination

Installed in every cubicle near on the water closet, colored white or its equivalent

EXECUTION

All installation works shall be in conformity with the National Plumbing Code of the Philippines (NPCP).

INSTALLATION OF SOIL, WASTE DRAINS OR VENT PIPES

1. Horizontal Drainage Pipe and Vent Piping

Horizontal waste pipes 75mmØ and smaller shall have a minimum grade of 6.5mm per 0.30m and for 100mmØ and larger, 3.2mm per 0.30m. All main vertical soil and waste stacks shall be extended full size above the roof line as vents, except where otherwise specifically shown.

Where practicable, two (2) or more vent pipes shall be connected together and extended as one pipe through the roof. Vent pipes in roof spaces shall be run as close as possible to the underside of roof with horizontal piping pitched to stacks using fittings as required without forming traps in pipes.

Vertical pipe vents may be connected to a vent line carrying other fixtures. The connection shall be at least 1.20m above the floor on which the fixtures are located to prevent the use of vent lines as waste. Horizontal waste lines receiving the discharge from two (2) or more fixtures shall be provided with vents, unless separate venting of fixtures is noted.

2. Fittings

All changes in pipe sizes on soil waste lines shall be made with reducing fittings or recessed reducers. All changes in direction shall be made by the appropriate use of forty five (45) degree wyes. Long sweep quarter bends or elbows may be used in soil and waste lines where the change in direction of flow is from the horizontal to the vertical and on the discharge from water closets.

Where it becomes necessary to use short radius fittings in any location, the approval of the Engineer shall be obtained before they are installed.

3. Joints

a) PVC Soil Pipe

All joints in uPVC soils, waste and vent pipe shall be accomplished by the use of PVC solvent cement

b) All joints for uPVC shall be accomplished by applying the manufacturer's recommended solvent before connection to the pipe.

4. Clean-outs

Clean-outs at the bottom of each soil stack, waste stack and where else indicated shall be the same size at the pipe.

Clean-outs on floors shall be by uPVC plug adapter fit into the hub and fitted with uPVC screw plugged flush with the floor.

Clean-out shall be provided at every change in direction greater than 45 degrees.

5. Traps

Each fixture and piece of equipment requiring connections to the drainage system, except fixtures with continuous waste shall be equipped with a trap. Traps shall be specified to be supplied with the fixtures. Each trap shall be placed as near to the fixtures as possible. Traps installed on threaded pipes shall be recessed drainage pattern.

INSTALLATION OF WATER PIPES, FITTINGS AND CONNECTIONS

1. Gate Valves and Outlets

Gate valves shall be installed close to the point of connection to the existing service line outside the building. The piping shall be extended to all fixture outlets and equipment from the gate valves. Outlets where indicated shall be capped or plugged and left ready for future connections.

2. Mains, Branches and Run-outs

All runs of piping shall be installed as shown on the drawings. The piping shall be cut accurately to measurements, and installed at the building site by the Contractor and shall be worked into place without springing or forcing. Care shall be taken not to weaken the structural portions of the buildings.

All pipes above ground shall be run parallel with the lines of the building unless otherwise shown on the drawings. Branch pipes from service lines may be taken off on

top of mains, bottom of mains or side of mains, using such cross over fittings as may be required by structural or installation conditions.

All service pipes, valves and fittings shall be kept at sufficient distance from the other work to permit finished covering not less than 6.5mm from such other work and not less than 13mm between finished covering on different services. No water piping shall be buried in floors unless specifically indicated on the drawings or approved. Changes in pipe sizes shall be made with reducing fittings. The use of long screws and bushings is prohibited.

3. Joints

Joints and connections in the plumbing system shall be gas-tight and watertight for the pressures required by test.

After cutting and before threading all pipes shall be reamed and shall have burrs removed.

All screwed joints shall be applied with an approved graphite compound or TEFLON tape to facilitate connections. Threads shall be full cut and not more than three threads on the pipe shall remain exposed.

Caulking of threaded joints or top to prevent leaks shall not be permitted.

Unions shall be provided where required for disconnection. Threaded swing bolts shall be used for branch connections to risers and mains.

4. Tests

The following tests shall be conducted by the Contractor at his expense under the supervision of the Engineer.

a) Tests for Drainage and Venting System

The entire drainage and venting system shall have necessary openings plugged to permit the entire system to be filled with water to the level of the highest vent stack above the roof. The system shall hold the water for 30 minutes with a drop not greater than 100mm.

b) Pressure Test for Water Lines

1. After the pipe have been installed, the joints completed and with joints exposed for examination, all newly installed pipe or any valve section, thereof, shall be subjected to hydrostatic pressure one and one half (1 1/2) the designed working pressure of the system or as specified by the Engineer.
2. The duration of each pressure test shall be at least 20 minutes unless otherwise specified by the Engineer.
3. Each section of pipeline shall be slowly filled with water and the specified test pressure, measured at the point of lowest elevation, shall be applied by means of a pump connected to the pipe in a manner satisfactory to the Engineer. During the filling of the pipe and before applying the test pressure, all air shall be expelled from the pipeline. To accomplish this, tap shall be made if necessary, at the highest point of the pipe under test and after completion of the test, the taps shall be tightly plugged unless otherwise specified. During the test, all exposed pipes, fittings, valves, joint and couplings will be carefully examined. If found to be cracked or defective, they shall be removed and replaced by the Contractor with sound materials at his expense. The test shall then be repeated until satisfactory results are obtained.

d) Leakage Test for Water Lines

1. Leakage test shall be conducted after satisfactory completion of the pressure test and shall consist of an examination of all exposed joints for leakage as well as an overall leakage test of the completed pipeline.
 2. The pressure to be maintained during the test shall be the designed working pressure of the system.
 3. Leakage test shall be made only after a minimum of 24 hours after the pipe to be tested has been filled with water.
 4. The duration of each leakage test shall be two hours unless otherwise specified by the Engineer.
 5. Each section of pipeline shall be slowly filled with water and the specified test pressure, measured at the point of lowest elevation shall be applied by means of a positive displacement type pump and reservoir connected to the pipe in a manner satisfactory to the Engineer.
 6. Before Starting the leakage test, all air shall be expelled from the pipe. All exposed pipes, fittings, valves and joints shall be examined for leakage during the test.
- e) Defective Work
1. If the inspection or test shows any defect, such defective work or material shall be replaced and the test shall be repeated until satisfactory to the Engineer.
 2. All repairs to piping shall be made with new materials at the expense of the Contractor.
 3. No caulking of screwed joints or holes will be accepted.

ASSEMBLY, INSTALLATION AND CONNECTION OF FIXTURES

Fixtures shall be supported and fastened in a satisfactory manner. Where secured to concrete or masonry work walls, fixtures and equipment shall be fastened with brass bolts or machine screws in lead-sleeve type anchorage units or with brass expansion bolts. Expansion bolts shall enter 7.5 cm into solid concrete or masonry works and shall be fitted with loose tubing or sleeves of proper length to bring expansion sleeves into the solid concrete masonry walls.

Where wood screws are used, screws shall go into solid pieces set between studs. Where through-bolts are used, bolts shall be provided with plates or washers at back set, so that they will be concealed by plaster. Bolts and nuts shall be hexagonal and exposed nuts, cap nuts, and screw heads shall be provided with chromium plated brass washers.

PROTECTION OF FIXTURES

Pipe openings shall be closed with caps or plugs during installation. Fixtures shall be tightly covered and protected against dirt, water and chemical injury. At the completion of all works, all fixtures shall be thoroughly cleaned and delivered in a condition satisfactory to the Engineer.

FIXTURES AND FASTENING

All fixtures shall be supported and fastened in a satisfactory manner as follows:

1. Where secured to concrete or concrete hollow block walls, they shall be fastened with one quarter inch brass bolts with twenty threads to the inch and of sufficient length to extend at least 7.5 cm into solid concrete or hollow block work, fitted with loose tubing

or sleeve insert and shall be securely anchored and installed flush with the finished wall and shall be completely concealed when the fixtures are installed.

2. Where through-bolts are used, they shall be provided with plates or washers back set so that heads, nuts and washers will be concealed by plaster. Bolts and nuts shall be hexagonal. Exposed bolts, nuts, capnuts and screw heads shall be provided with chromium plated brass washers.

PLUMBING, FIXTURES AND TOILET ACCESSORIES INSTALLATION

All installation works shall be as shown on the drawings and shall conform to the applicable standards set forth by the Philippine National Plumbing Code. All fixtures shall be fastened and/or supported in accordance with the given requirements.

• FLOOR AND WALL TILES

The work covered by this section consist of furnishing all labor, materials, equipment, tools and incidentals necessary to undertake, complete all wall and floor finishing works for the buildings as indicated on the drawings.

MATERIAL REQUIREMENTS

Wall Finishes and Countertops

1) Wall Ceramic Tiles

- (a) Wall tiles shall be unglazed/glazed ceramic wainscoting Color as per Engineer's approval.
- (b) Trimmers and moulding shall be lustrous, glazed with size and color corresponding to wall tiles.
- (c) Portland cement, sand, bonding compound, lime and water shall conform with the requirements

FLOOR FINISHES

1) Vitrified Ceramic Unglazed Tiles

- (a) Vitrified ceramic unglazed floor tiles shall be white for toilets and as shown on the drawings or to be designated by the Engineer.
- (b) Portland cement, sand and water shall conform with the requirements.
- (c) Vitrified ceramic unglazed floor tiles shall be delivered in the manufacturer's original unbroken packages or containers that are labeled plainly with the manufacturer's name and brand. Containers shall be grade scaled. Materials shall be stored in dry weathertight enclosures, and shall be handled in a manner that will prevent the inclusion of foreign materials and damage by water or dampness.

2) Plain Cement Floor Finish

- (a) Portland cement, sand, bonding compound and water shall conform with the requirements.
- (b) Mortar shall be one part of Portland cement to three parts sand.

EXECUTION

1. Wall Finishes

Wall Ceramic Tiles

- a) Mortar Preparation: Mix mortar by volume using 1 part Portland cement, 3 parts dry sand, and a maximum of 1/10 part hydrated lime, measured accurately with approved containers rather than shovels. Control water carefully to achieve proper workability, keep boxes and surfaces clean, and use the mortar before initial set without re-tempering.
- b) Surface Preparation & Scratch Coat: Ensure interior masonry is clean, sound, dry, and damped before applying a 6 mm thick scratch coat 24 to 48 hours prior to tile setting. Cut the scratch coat at internal vertical angles and cross-scratch at 25 mm centers while plastic.
- c) Setting Bed Application: Moisten the scratch coat, apply temporary screeds, and spread a setting bed up to 15 mm thick, rodded and floated flush while remaining plastic.
- d) Tile Installation & Workmanship: Soak or damp-absorb tiles prior to installation, apply a 0.8 mm to 1.6 mm neat Portland cement skim coat, and press tiles firmly into place before the mortar sets. Perform cutting, drilling, and grinding neatly at internal angles and around fixtures so plates or escutcheons overlap cleanly.

1) Floor Finishes

- a) Surface Preparation: Ensure surfaces are clean and free of deleterious substances. Complete wall tile installations before starting floor tile operations. Flood-test structural floors for levelness and slope; ponding areas must be filled, leveled with mortar, and retested before applying the setting bed.
- b) Setting Bed & Placement: Apply a minimum 20 mm thick mortar setting bed on a thoroughly wetted structural slab without free standing water. Apply a neat Portland cement skim coat (up to 4 mm thick), spread and compact the mortar true and even (sloped for drainage where required), and place tiles before initial set.
- c) Tile Installation & Workmanship: Soak mounted tiles in clean water for at least one hour, and apply a 0.7 mm to 1.6 mm skim coat or hand-dust Portland cement over the setting bed. Press and beat tiles firmly into place within one hour, laying borders first and sloping floors toward drains. Cut and grind tiles neatly at edges, avoid using less than half-size tiles where practicable, ensure tight fits around penetrations, and remove hollow or loose tiles. Remove paper and glue from mounted tiles within one hour using minimal water.
- d) Grouting & Finishing: Maintain uniform, aligned, parallel joint widths. Grout joints 3.2 mm or less with neat Portland cement (thick cream consistency), and wider joints with 1 part Portland cement and 2 parts pointing sand. Force grout/mortar into joints, tool or fill flush depending on tile edge type, and thoroughly remove all surplus mortar or grout before hardening.

• DOORS AND PARTITIONS

The work shall cover the fabrication, delivery and complete installation of doors and partitions including glazing for the buildings.

The works shall consist of furnishing all labor, materials, tools, equipment and other incidentals necessary for the complete installation of the above mentioned doors and partitions, including glazing, as shown on the drawings and in accordance with this specifications or as directed by the Engineer.

MATERIAL REQUIREMENTS

MATERIALS

- 1. Wood Doors
 - a. Wood doors shall be of the following types where indicated on the drawings with complete locksets, hinges and accessories, duco painted finish.
 - i. Flush-type marine hollow core plywood doors.
 - ii. Flush type marine plywood with fixed wood louver door
 - iii. Panel type wood tanguile doors
 - iv. Louver type wood door
 - b. Frame wood block insets shall be kiln-dried tanguile, as shown on the drawings.
 - c. Facings shall be raised wood panels, ordinary plywood, marine plywood where shown on the drawings. Plywood shall be first quality, grain and color suitable for natural finish and of the thickness indicated on the drawings.
 - d. Local plywood used for fabrication of wood doors shall conform to PTS 631-02, Class 1, preservative treated, and the adhesive used for plywood manufacture shall be water-proofing grade. The Contractor shall submit compliance certificates for plywood and adhesive for approval prior to fabrication of doors.
 - e. Door jambs and headers shall be well-seasoned yakal.
- 2. Wood Plastic Composite Sun Shades and Louver Doors
 - a. Wood Plastic Composite is composed of wood powder from 70% plantation forest wood (virgin spruce pine) and 30% additive and uPVC resin. Since it contains natural fiber, it has high degree of anti-UV and highly resistant to moisture/weather and termites. The wood plastic composite sun louver and louver doors shall have anti UV protection coating.
 - b. Physical properties of Wood Plastic Composite:

PROPERTY	STANDARD	RESULTS
Density (kg/m ³)	ASTM D2395:2007a	694 kg/m ³
Shore D hardness, median	ASTM D2240:2000	53
Water Absorption (%)	ASTM D1037:2006a Section 23 Method A	After 2 Hours -33% and After 24 hours – 0.69%
Nail Pull Resistance	ASTM D1037: 2006a Section 14	791N
Maximum Tensile Strength (MPa)	ASTM D638:2003	15.6 MPa
Elongation at Break (%)	ASTM D638:2003	2.7%
Flexural Strength (MPa)	ASTM D6109:2005	32.2MPa
Modulus of Elasticity (MPa)	ASTM D6109:2005	2102MPa
Fire Test	ASTM E84:2009c	Class B
Compressive Strength	ASTM D695-08	20.6MPa
Impact Resistance	ASTM D4495-00(2005)	47j
Moisture Content	ASTM D1037-06a Section 6	0.27%
Spread of Flame	AS/NZS 1530.3:1999	0/10

EXECUTION

1. Wood Doors

- a) Door Frames: Wood panel door frames shall match the designs, sizes, and thicknesses shown on the drawings. Frames must be set plumb, true, and braced against distortion, and secured to concrete and masonry walls using anchor bolts or as directed by the Engineer.
- b) Priming & Treatment: Apply a coat of lead and oil priming paint or water-resistant spar varnish to the top and bottom edges of all interior and exterior doors after cutting/fitting and prior to installation. Prime doors before glazing.
- c) Flush Door Fabrication: Fabricate flush wood doors by bonding the entire core and frame assembly to face veneers using approved water-resistant adhesives under controlled heat and pressure. Facings shall use waterproof or ordinary plywood as specified, with hardware fitted carefully and securely without marring the work.
- d) Hinged Door Fitting & Clearances: Plumb and fit hinged doors accurately with 1.5 mm clearance at jambs and heads, 3.0 mm over thresholds, and 9.5 mm at the bottom if there is no threshold. Bevel lock stiles by 3 mm for doors 44.5 mm thick and thicker, and install knob locks and latches at 1.75 mm from the finished floor to the center of the locks.

2. Wood Plastic Composite Sun Shades

- a. Due to special manufacturing technique, there is no need of paint and glue when the wood plastic composite material is being installed.
- b. Install as per manufacturer's installation procedure.
- c. Periodic cleaning of wood plastic composite material to prevent the build-up of pollen, debris that can cause mold. Using a spray nozzle may use commercial pressure washers to remove stains, ground in dirt or mold.

3. Toilet Doors and Partitions

- a. Install toilet partitions on the locations and heights indicated on the drawings and according to manufacturer's recommended instructions.
- b. Hardware shall be checked and adjusted for smooth operation after installation.
- c. LED luminaires must also meet the following minimum requirements:
 - i. Luminaires must have a minimum 5 year manufacturer's warranty.
 - ii. Luminaires must have a minimum L70 lumen maintenance value of 50,000 hours as calculated by IES TM-21, with data obtained per IES LM-80 requirements.
 - iii. Luminaire drive current value must be identical to that provided by test data for luminaire in question.
 - iv. Luminaires must be tested to IES LM-79 and IES LM-80 standards, with the results provided as required in the Submittals paragraph of this specification.

3. Fluorescent Luminaires

- a. UL 1598. Provide linear and compact fluorescent luminaires complete with housing, ballast and light source. All fluorescent luminaires must be equipped with electronic ballasts.

4. High Intensity Discharge (HID) Luminaires

- a. UL 1598. Provide HID luminaires complete with housing, ballast and light source.
- 5. DRIVERS and BALLASTS
 - a. LED Drivers

III. MEASUREMENT OF PAYMENT

In accordance with Section II Scope of Works of this Technical Specifications, the pertinent items of work described therein and to be executed by the contractor shall be measured and paid for according to the following terms: • All scope of works, activities shall be paid in accordance with the unit price for said item of work done indicated in the Bill of Quantities (BOQ), plan and certified by the PPA Engineer after completion of all works.

IV. AS-BUILT DRAWINGS AND PHOTOGRAPHS

- 1. Photographs taken before, during and after completion of the project shall be submitted as part of the documentary requirements for the progress billing.
- 2. At the completion of the Project, the Contractor shall prepare four (4) sets of “As-built” Drawings which shall be submitted to the PPA, PMO-Mindoro as part of the documentary requirements for the former’s final billing. The as-built drawings shall indicate therein all the original items of work, changes, deviations and additional work items (if any), undertaken by the contractor to complete the project. The as-built drawings shall bear the title block prescribed by the PPA and shall be signed by the contractor’s authorized representative prior to submission to PPA, PMO-Mindoro.

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

OMNIBUS SWORN STATEMENT

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

1. *Select one, delete the others:*

- *If sole proprietorship:* I am the sole proprietor or authorized representative of *[Name of Bidder]* with office address at *[Address of Bidder]*;
- *If partnership, corporation, cooperative, or joint venture:* I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[Address of Bidder]*;
- *If individual consultant not registered under a sole proprietorship, in case of Consulting Services:* I am the individual consultant or authorized representative of *[Name of Bidder]* with office address at *[Address of Bidder]*;

2. *Select one, delete the others:*

- *If sole proprietorship:* As the owner and sole proprietor or authorized representative of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Project Title]* of the *[Name of the Procuring Entity]* *[insert "as supported by the attached duly notarized Special Power of Attorney" for authorized representative]*;
- *If partnership, corporation, cooperative, or joint venture:* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Project Title]* of the *[Name of the Procuring Entity]*, as supported by the attached duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, whichever is applicable;
- *If individual consultant not registered under a sole proprietorship, in case of Consulting Services:* As the individual consultant or authorized representative of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Project Title]* of the *[Name of the Procuring Entity]*, as supported by the attached duly notarized Special Power of Attorney *for authorized representative*;

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

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

5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *Select one, delete the others:*

- *If sole proprietorship :* The *[Name of Bidder]* and its spouse are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project

consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

- *If partnership* : The partnership itself and the partners of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If cooperative*: The cooperative itself and members of the board of directors, general manager, or chief executive officer of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If corporation, or joint venture*: The corporation or joint venture itself, and officers, directors, controlling stockholders and beneficial owners of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If individual consultant not registered under a sole proprietorship, in case of Consulting Services*: The individual consultant and its spouse are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
7. It is understood that failure to faithfully disclose its relationship with the Head of the Procuring Entity, members of the BAC, the TWG, and the BAC Secretariat, the head of the PMO or the end-user unit or implementing unit, and the project consultants of the Procuring Entity, or of the procurement agent by consanguinity or affinity up to the third civil degree, as well as its submission of beneficial ownership information containing false entries shall be subject to blacklisting under Section 100 of the Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 12009, without prejudice to criminal and civil liabilities under applicable laws, including their accessory penalties, if any.

Select one, delete the rest:

- *In case of corporations*: *[Name of Bidder]* declares its beneficial ownership information consistent with its updated General Information Sheet or Beneficial Ownership Declaration Form or any other document duly submitted to the SEC and has maintained a valid and updated file therein in compliance with Sections 20.2.9.1, 81, and 82 of the IRR of RA No. 12009.
 - *In case of Foreign Bidders*: *[Name of Bidder]* submitted an appropriate equivalent document in English issued by the country of the bidder concerned in accordance with Section 20.2.9.2 of the IRR of RA No. 12009.
8. *[Name of Bidder]* complies with existing labor laws and standards; and
9. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
- a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and

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

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

11. In case advance payment was made or given to *[Name of Bidder]*, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability under existing laws.

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

Duly authorized to sign the Bid for and behalf of:

[Insert Bidder's Name]

[Affiant's Signature over Printed Name]

[Position/Designation]

[Date]

JURAT

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

WITNESS MY HAND AND SEAL this ____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC

Notarial Commission No. _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, *[date issued]*, *[place issued]*

IBP No. __, *[date issued]*, *[place issued]*

Doc. No. _____

Page No. _____

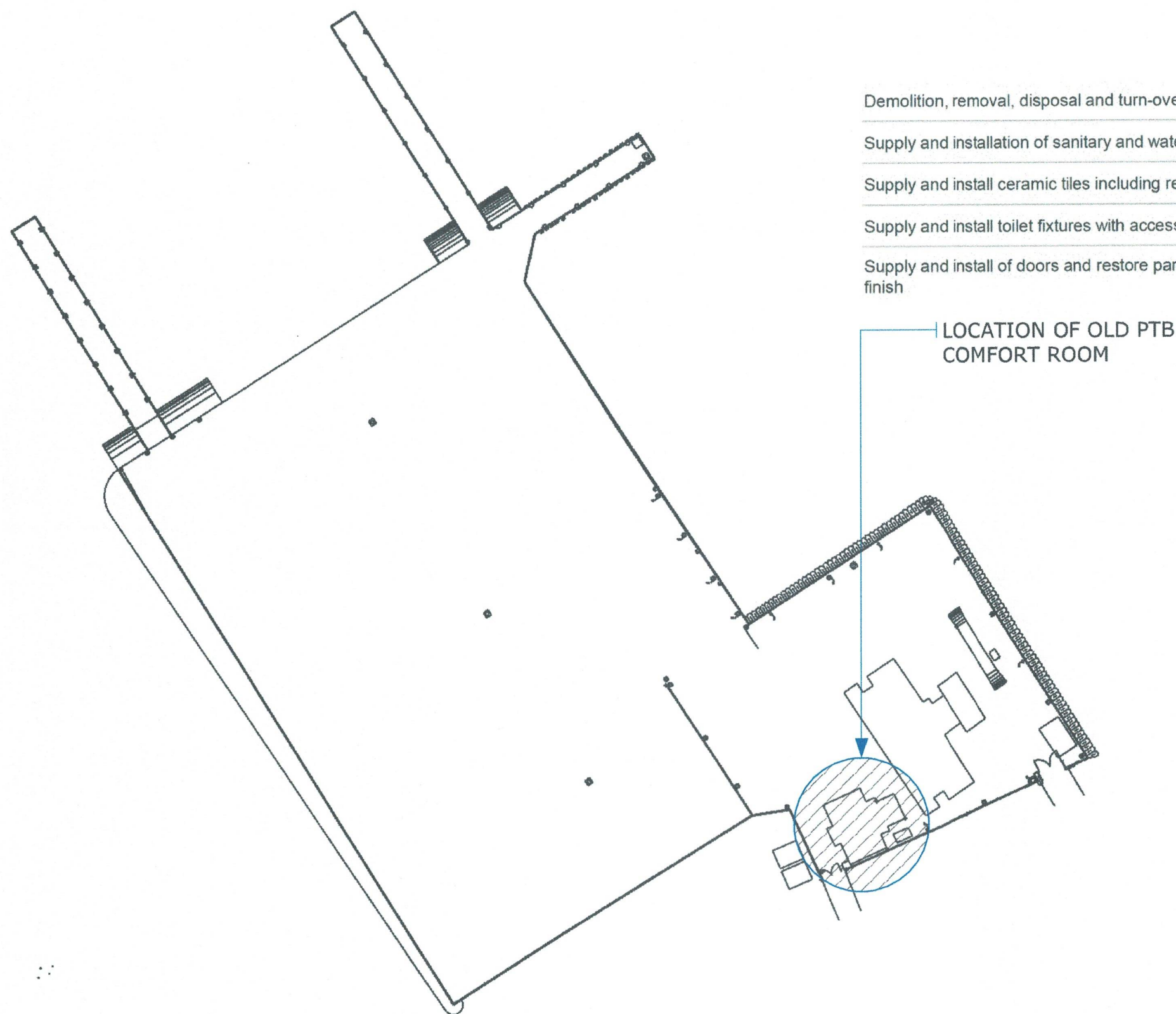
Book No. _____

Series of _____.

**PHILIPPINE
PORTS
AUTHORITY**
PMO - MINDORO



**MAINTENANCE OF OLD PTB COMFORT ROOM
PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO**



- Demolition, removal, disposal and turn-over of unusable tiles, plumbing pipes, fixture
- Supply and installation of sanitary and water lines including accessories and fittings
- Supply and install ceramic tiles including restoration of concrete floor and wall
- Supply and install toilet fixtures with accessories and signages
- Supply and install of doors and restore partitions including accessories with paint finish

LOCATION OF OLD PTB
COMFORT ROOM

PORT OF ABRA DE ILOG
SCALE: 1:1500 m



PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM
PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO

PREPARED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

REVIN F. VILLEGAS
Engineer III

SUBMITTED BY:

RONALD O. MATIBAG
Principal Engineer A

RECOMMENDING APPROVAL:

MARGARITO F. DIMAILIG
Division Manager A, ESD

APPROVED BY:

JON GABRIELL M. MANANSALA
Port Manager A

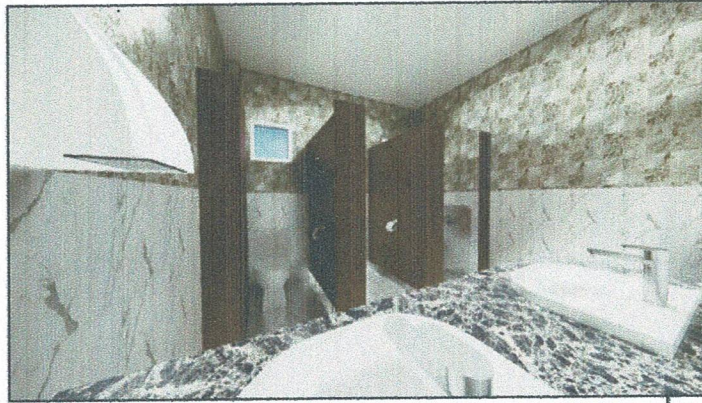
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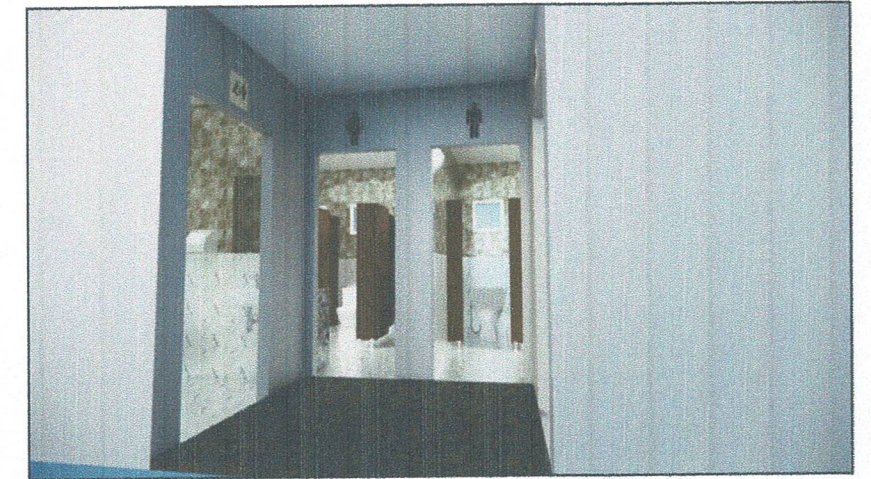
SCALE:
AS SHOWN

SHEET NO.
A - 01 of 05

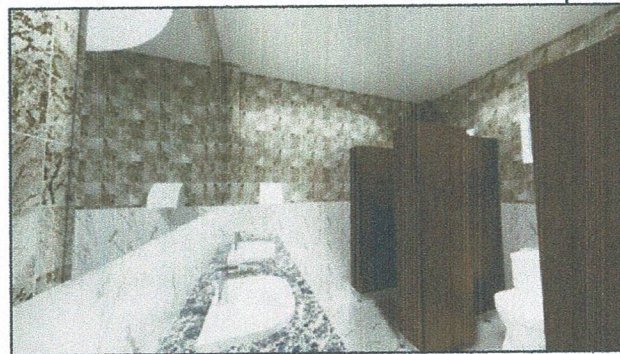
DATE:
12 JAN. 2026



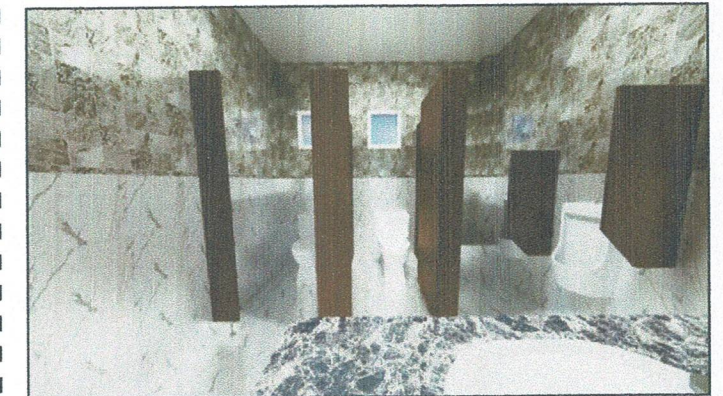
FEMALE COMFORT ROOM



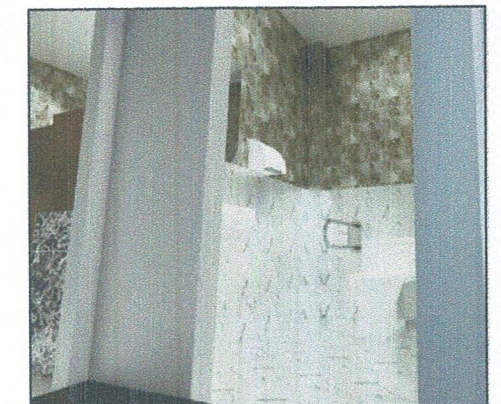
PERSPECTIVE VIEW



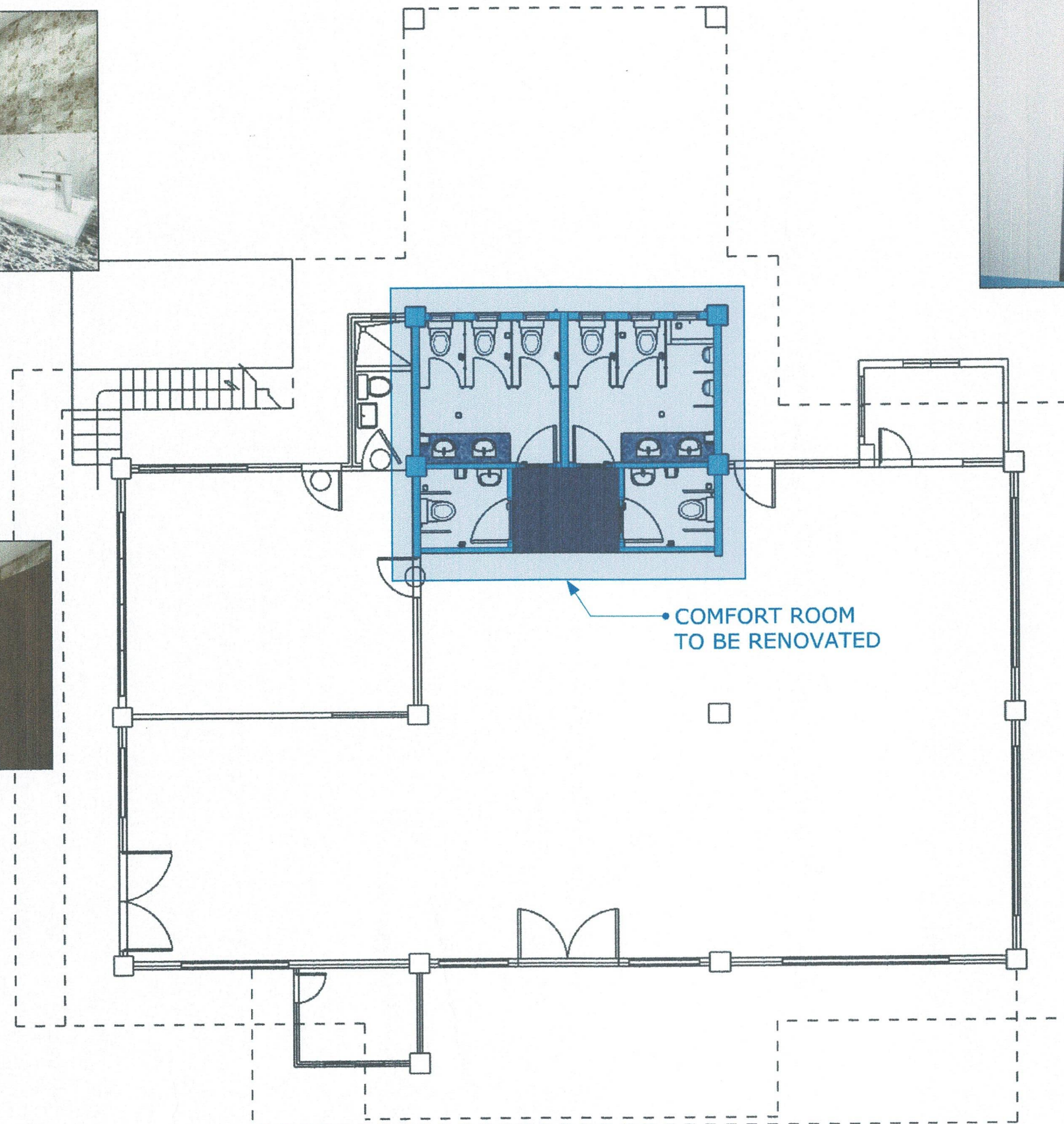
FEMALE COMFORT ROOM



MALE COMFORT ROOM



MALE PWD COMFORT ROOM



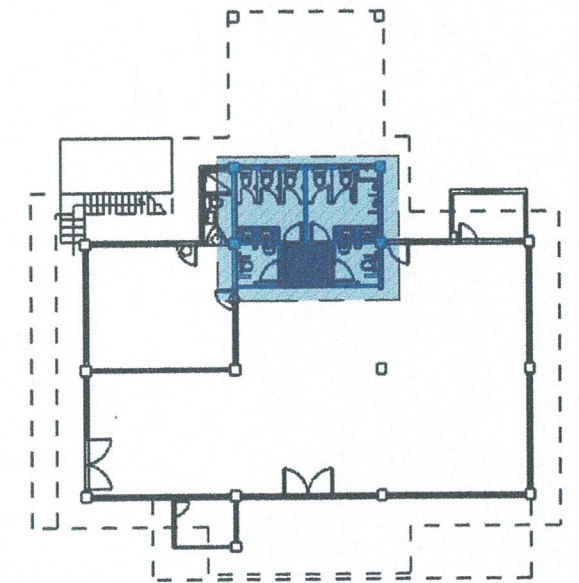
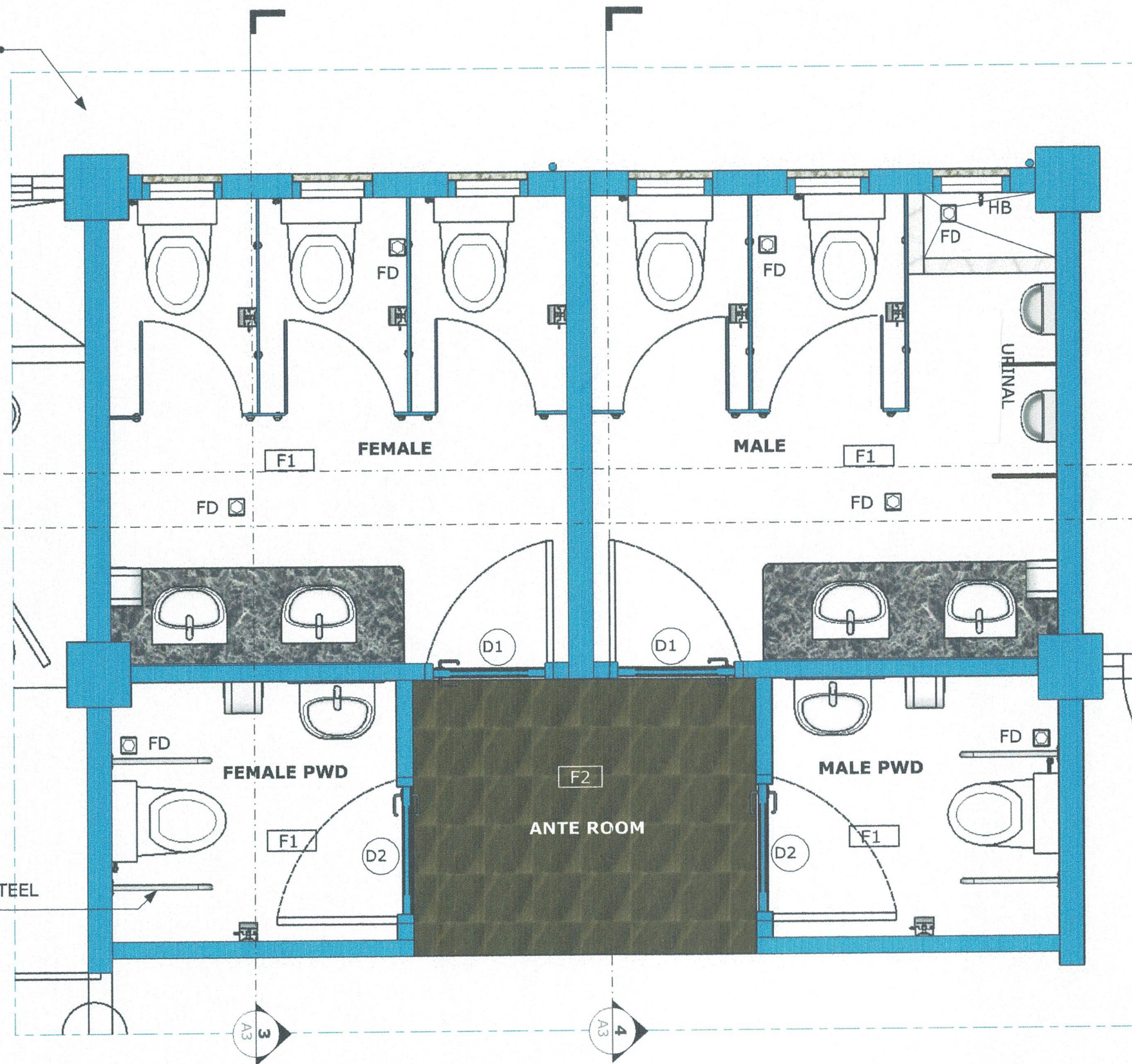
GROUND FLOOR OLD PTB
SCALE: 1:100 m

 PHILIPPINE PORTS AUTHORITY PMO - MINDORO	PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO					SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	AS SHOWN	SHEET NO. A - 02 of 05
	FERNANDO J. GALVEZO Engineering Assistant A	REVIN P. VILLEGAS Engineer III	RONALD O. MATIBAG Principal Engineer A	MARGARITO P. DIMAILIG Division Manager A, ESD	JON GABRIEL M. MANANSALA Port Manager A		DATE: 12 JAN. 2026

SEE PL-1
FOR DETAILS

2
A3
1
A3

STAINLESS STEEL
GRAB BAR



KEYPLAN

F1 30 x 30 cm WHITE
MARBLE LOOK
UNGLAZED TILES

F2 30 x 30 cm DARK
MARBLE LOOK
UNGLAZED TILES

1. EXISTING FLOOR TILES AND WALL TILES OF 1.2m HEIGHT SHALL BE REMOVED AND REPLACED
2. EXISTING WATER AND SANITARY LINES SHALL BE REMOVED AND REPLACED
3. EXISTING PLUMBING FIXTURES AND ACCESSORIES SHALL BE REMOVED AND REINSTALLED, ASSURING ALL FIXTURE TO BE REINSTALLED SHALL WORKING PROPERLY AND IN GOOD CONDITION
4. UNUSABLE ACCESSORIES SHALL BE REMOVED AND REPLACED INCLUDING SIGNAGES
5. PLEASE REFER TO PROGRAM OF WORK AND PLANS TO VERIFY ALL INCLUDED SCOPE OF WORKS

OLD PTB COMFORT ROOM
SCALE: 1:30 m



PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM
PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO

PREPARED BY:
[Signature]
FERNANDO J. GALVEZO
Engineering Assistant A

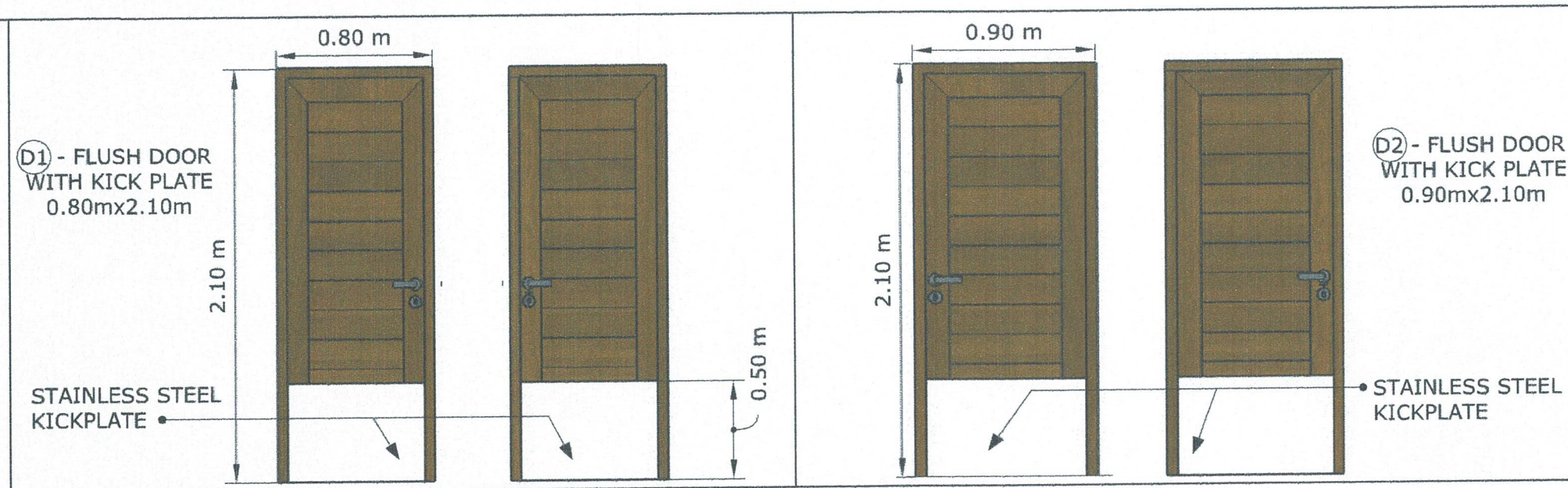
CHECKED / REVIEWED BY:
[Signature]
REVIN F. VILLEGAS
Engineer III

SUBMITTED BY:
[Signature]
RONALD O. MATIBAG
Principal Engineer A

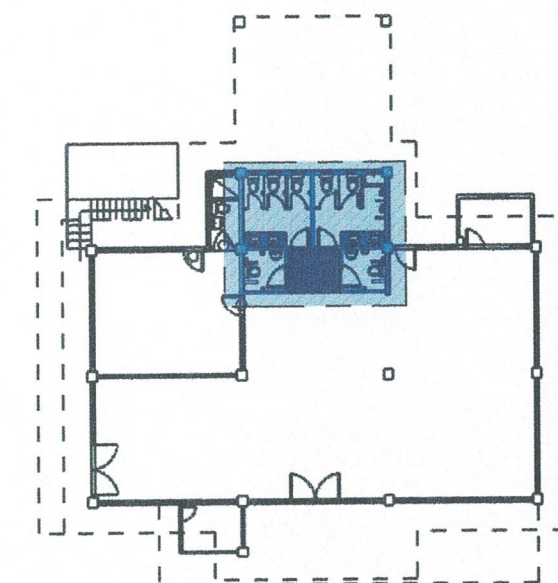
RECOMMENDING APPROVAL:
[Signature]
MARGARITO P. DIMAILIG
Division Manager A, ESD

APPROVED BY:
[Signature]
JON GABRIEL M. MANANSALA
Port Manager A

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A - 03 of 05
	DATE: 12 JAN. 2026



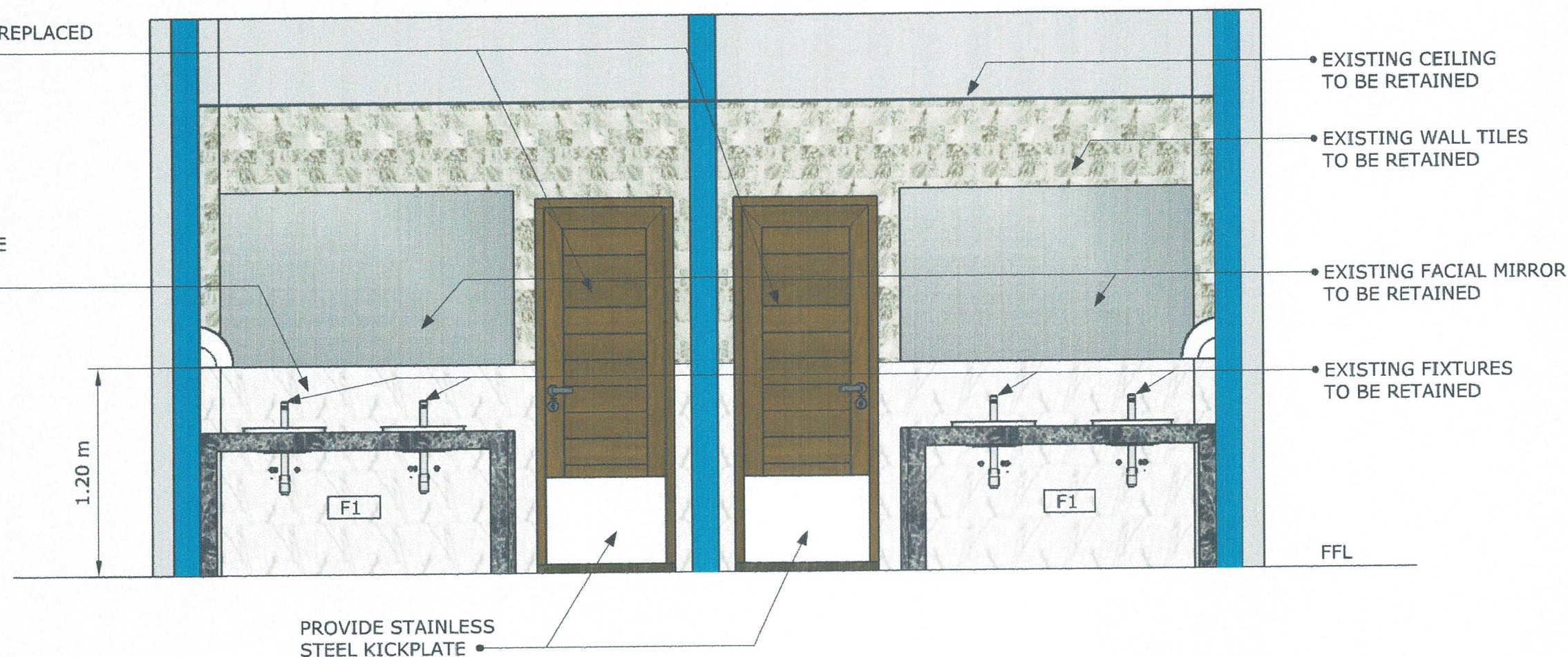
DOOR SCHEDULE
SCALE: 1:30 m



KEYPLAN

D1 - TO BE REMOVED AND REPLACED INCLUDING DOOR JAMB

WALL TILES TO BE REMOVED AND REPLACED



SECTION 1
SCALE: 1:30 m



PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM
PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO

PREPARED BY:
Fernando J. Galvez
FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:
Revin P. Villegas
REVIN P. VILLEGAS
Engineer III

SUBMITTED BY:
Ronald O. Matibag
RONALD O. MATIBAG
Principal Engineer A

RECOMMENDING APPROVAL:
Margarito P. Dimailig
MARGARITO P. DIMAILIG
Division Manager A, ESD

APPROVED BY:
Jon Gabriell M. Manansala
JON GABRIELL M. MANANSALA
Port Manager A

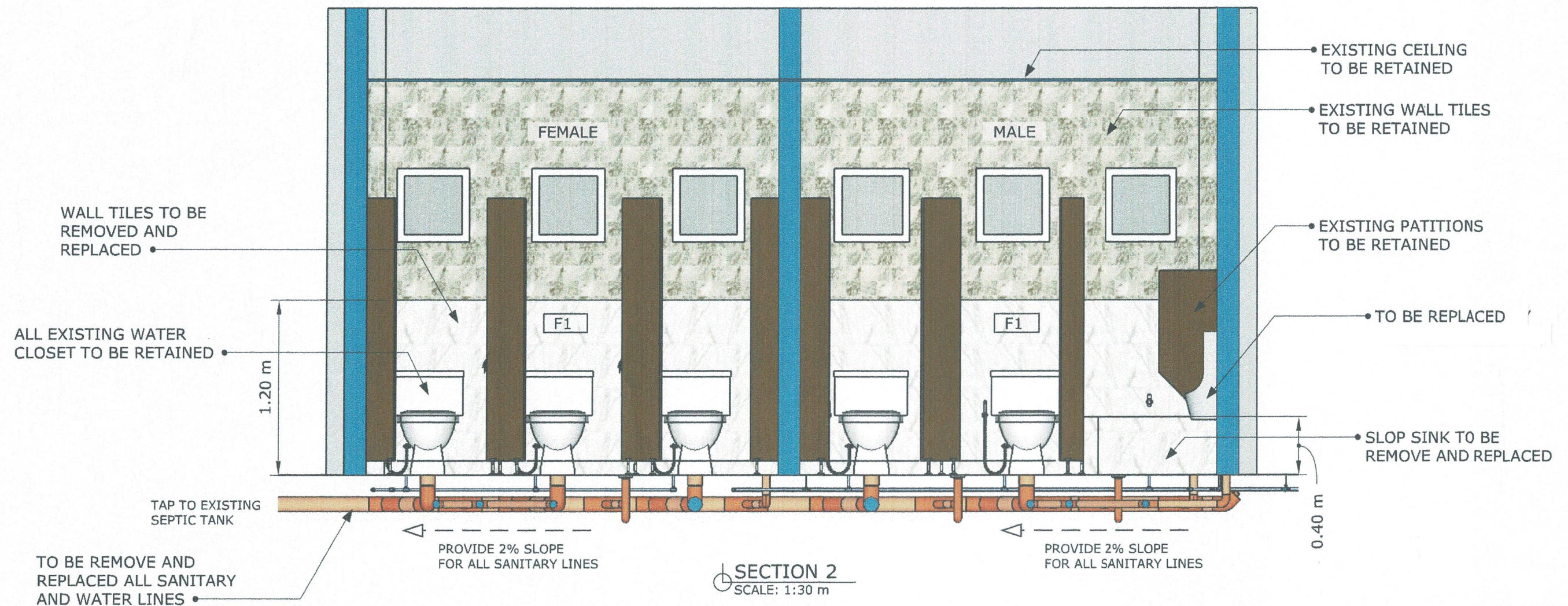
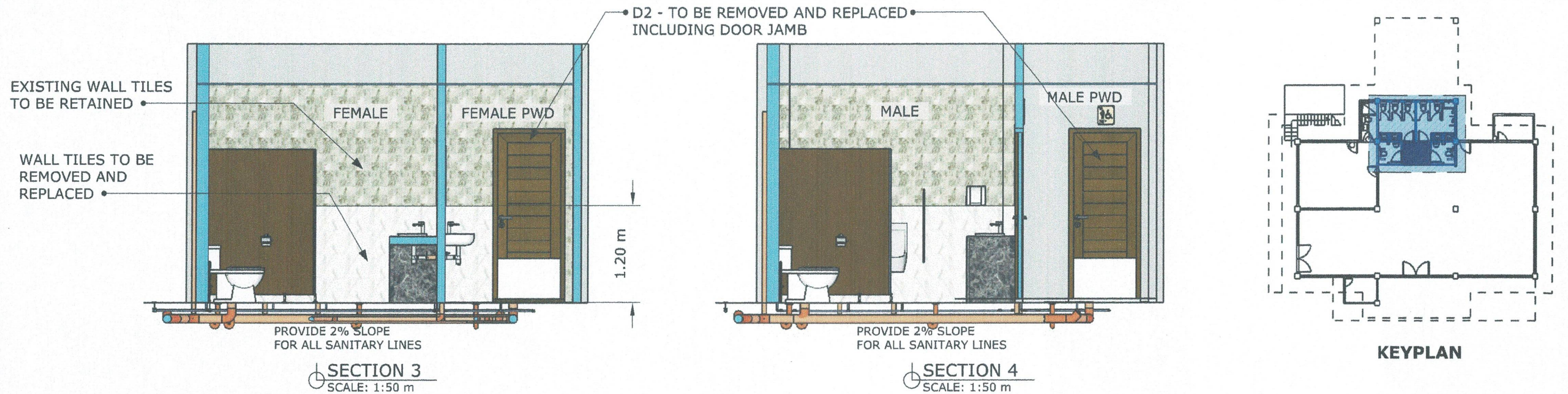
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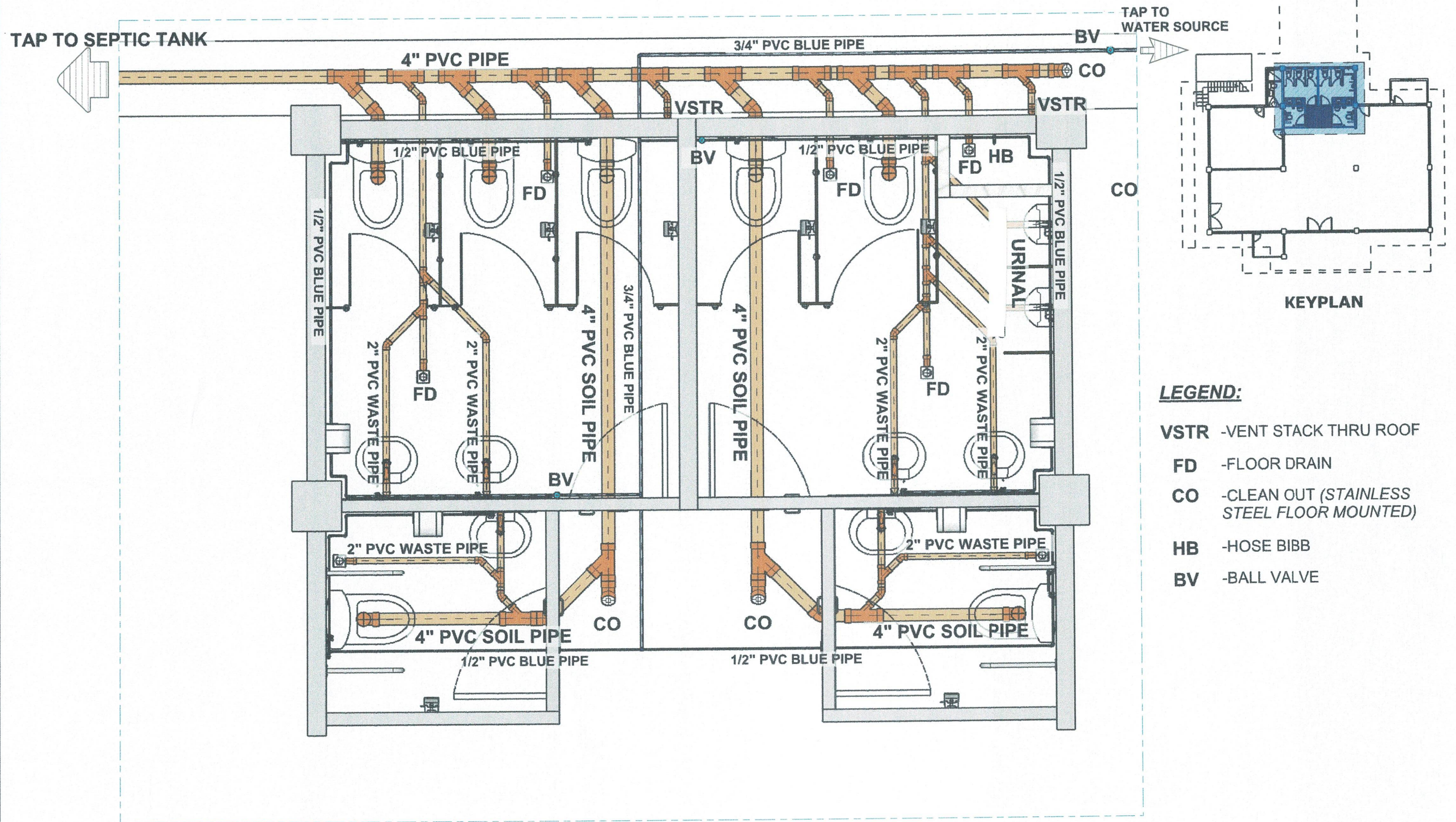
AS SHOWN

SHEET NO.
A - 04 of 05

DATE:
12 JAN. 2026



 PHILIPPINE PORTS AUTHORITY PMO - MINDORO	PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO					SHEET CONTENTS:	SCALE:
	PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	AS SHOWN	AS SHOWN
	FERNANDO J. GALVEZO Engineering Assistant A	REVIN F. VILLEGAS Engineer III	RONALD O. MATIBAG Principal Engineer A	MARGARITO P. DIMAILIG Division Manager A, ESD	JON GABRIEL M. MANANSALA Port Manager A		SHEET NO. A - 05 of 05
							DATE: 12 JAN. 2026

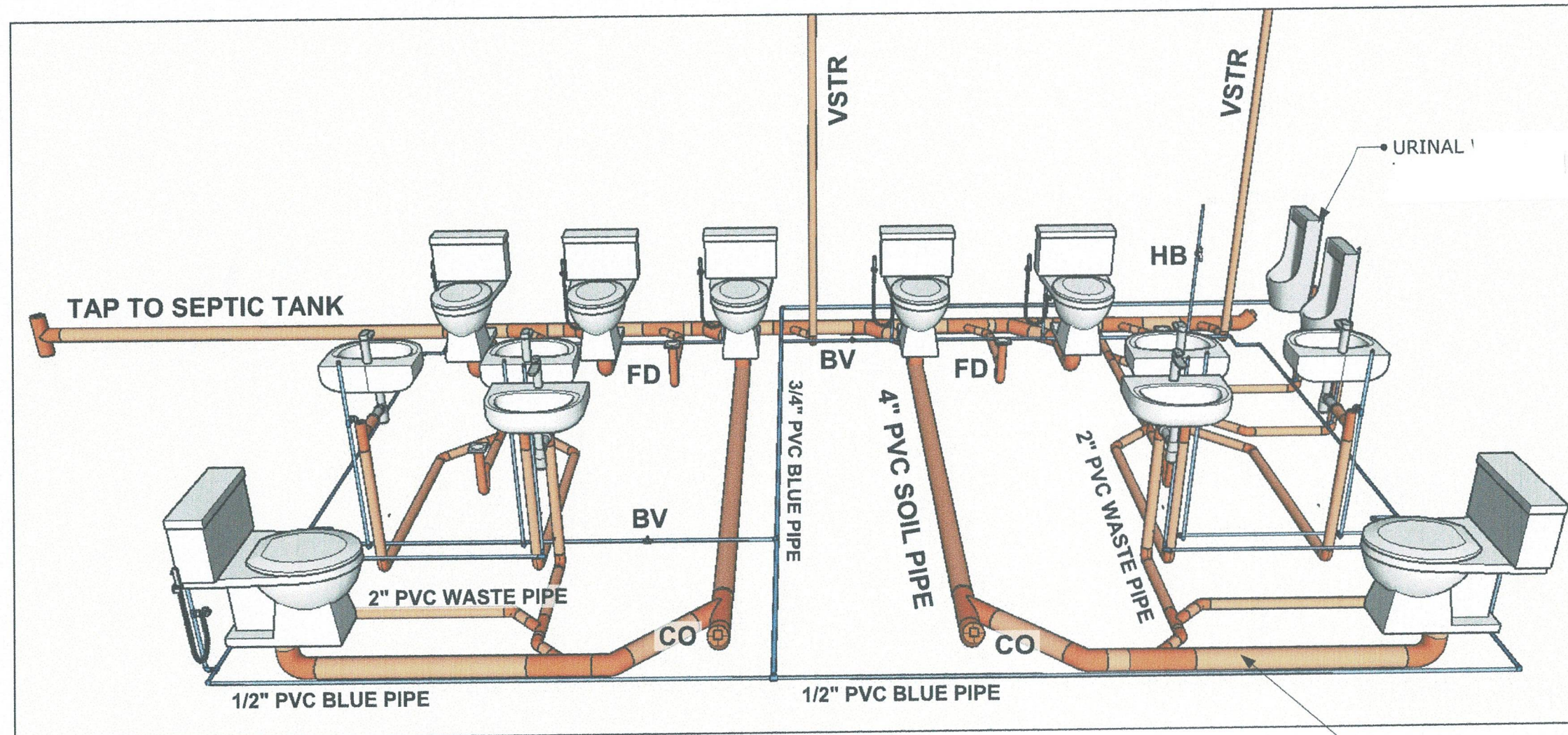


PLUMBING AND WATER LINE
SCALE: 1:30 m

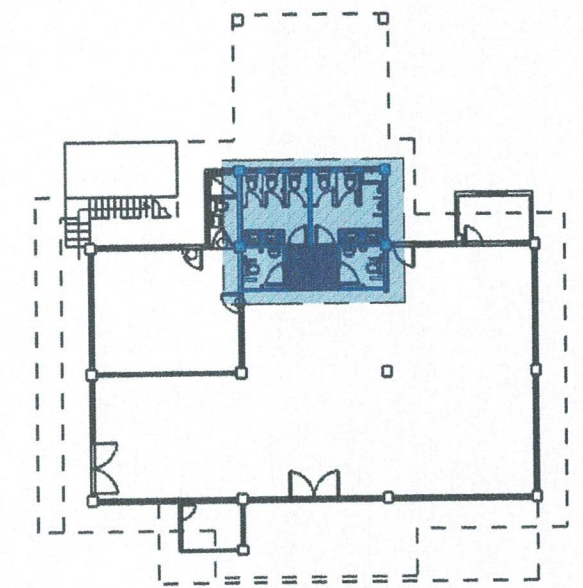
LEGEND:

- VSTR** -VENT STACK THRU ROOF
FD -FLOOR DRAIN
CO -CLEAN OUT (STAINLESS STEEL FLOOR MOUNTED)
HB -HOSE BIBB
BV -BALL VALVE

 PHILIPPINE PORTS AUTHORITY PMO - MINDORO	PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO					SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY:  FERNANDO J. GALVEZO Engineering Assistant A	CHECKED / REVIEWED BY:  REVIN P. VILLEGAS Engineer III	SUBMITTED BY:  RONALD O. MATIBAG Principal Engineer A	RECOMMENDING APPROVAL:  MARGARITO P. DMAILIG Division Manager A, ESD	APPROVED BY:  JON GABRIELL M. MANANSALA Port Manager A	AS SHOWN	SHEET NO. PL - 01 of 02
							DATE: 12 JAN. 2026



PLUMBING ISOMETRIC
SCALE: NTS



KEYPLAN

• PROVIDE 2% SLOPE
FOR ALL SANITARY LINES

 PHILIPPINE PORTS AUTHORITY PMO - MINDORO	PROJECT TITLE: MAINTENANCE OF OLD PTB COMFORT ROOM PORT OF ABRA DE ILOG, OCCIDENTAL MINDORO					SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	AS SHOWN	SHEET NO. PL - 02 of 02
	FERNANDO J. GALVEZO Engineering Assistant A	REVIN P. VILLEGAS Engineer III	RONALD O. MATIBAG Principal Engineer A	MARGARITO P. DIMAILIG Division Manager A, ESD	JON GABRIEL M. MANANSALA Port Manager A		DATE: 12 JAN. 2026