



REQUEST FOR QUOTATION
NO.: RFQ-2024-042

Date: August 28, 2024

Name of the Company : _____
Address : _____
Contact No. : _____
PhilGEPS Registration No. : _____

Sir/Madam:


Please quote your best offer (lowest net, price, taxes, and government discount terms included) and **submit your Quotation duly signed by you or your duly authorized representative not later than September 4 @ 9:00 AM** for:

Name of the Project : **REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING AT LAOAG AIRPORT**
Location : **LAOAG INTERNATIONAL AIRPORT**
Terms of Reference :

Sealed quotations must be submitted either personally to Ms. Hazelle May C. Andres, Head, Secretariat of the Bids and Awards Committee of Laoag International Airport (BAC-LIA) or e-mail at bac_area1@caap.gov.ph. For any clarification, do not hesitate to contact us through the contact information seen below.

Aside from the Terms and Conditions provided at the back portion of this RFQ, please observed the following general conditions:

- The following documents must be attached upon submission of the Quotation:**
 - Mayor's Permit
 - PhilGEPS Certificate of Registration
- All quotations shall be considered as fixed price and not subject to price escalation during the contract implementation.
- Payment shall be made through check.


ATTY. RIZZA JOY S. VALLESTERO
Chairperson, Bids and Awards Committee

After having carefully read and accepted the Terms and Conditions, I/We submit our quotations for the following item/s:

| ITEM DESCRIPTION (SPECIFY THE BRAND AND MODEL OF YOUR OFFER/PROPOSAL, IF APPLICABLE) | APPROVED BUDGET OF THE CONTRACT (ABC) | OFFER* | | | | | | REMARKS |
|---|---------------------------------------|--------|------|------------|-------------|--|----|---------|
| | | PRICE | | | | Compliance w/ Technical Specifications | | |
| | | | | | | | | |
| | | QTY | UNIT | Unit Price | Total Price | Yes | No | |
| 1. Supply of labor and materials which will be used for the project titled: "Rehabilitation/ Improvement of Old | ₱985,494.15 | 1 | Lot | | | | | |



| | | | | | | | | |
|--|--------------------|--|--|--|--|--|--|--|
| Admin Building at Laoag Airport" Scope of Works: 1. Site Works 2. Ceiling Works 3. Painting Works 4. Concrete Works 5. Roofing Works 6. Tile Works 7. Plumbing Works 8. Electrical Works 9. Doors and Partition 10. Fixtures 11. Other General Requirements 12. Project Billboard Number of Days to Complete: Seventy-Five (75) Calendar Days | | | | | | | | |
| TOTAL ABC | ₱985,494.15 | | | | | | | |
| GRAND TOTAL: | | | | | | | | |

Note: Quotation for each item must not exceed the ABC per item. This is a one (1) lot procurement

Signature over Printed Name
Supplier/Dealer/Contractor





TERMS AND CONDITIONS

1. Bidders shall provide correct and accurate information required in this form.
2. Price quotation/s must be valid for a period of Thirty (30) calendar days from the date of submission.
3. Price quotation/s shall be denominated in Philippine Peso which includes all taxes, duties and/or levies payable.
4. Quotations exceeding the ABC shall be rejected.
5. Award of contract shall be made to the lowest quotation (for goods and infrastructure) or, the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein. Further, the most advantageous to the government to the point of quality of materials and prices as well as the responsiveness of the bids shall be the basis of the award.
6. *The Head of the Procuring Entity reserves the right to reject any and all bids, declare a failure of bidding or not award the contract in any of the following conditions set forth by Sec. 41 (Reservation Clause) of the Revised IRR of RA 9184.*
7. The Supply Office of LIA shall have the right to inspect and to test the goods to confirm their conformity to the technical specifications.
8. *Date of Completion/Delivery:* In case of an approved POW, within the period stated therein. While, in cases of regular procurement, within 7-10 days or less, after the issuance of the Purchase Order. Further, any request of extension shall be sent to the End-User/Implementing Facility concern.
9. *Mode and Terms of Payment:* Within ten (10) working days after the supplies/materials and labor/service have been inspected and accepted, respectively, through a check issued by the procuring entity.
10. Liquidated damages equivalent to one tenth of one percent (0.001%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. This Office (LIA) 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.

NOTE: The aforementioned Terms and Conditions shall be without prejudice to any provisions of a Contract which will be executed by and between the Procuring Entity and Contractor/Supplier/Dealer in order to conform with the requirements set forth by RA 9184.





I. SITE WORKS

/ Quantity: 1 lot

A. DIRECT COST

| 1. | MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|-----------|--|----------|--|-----------|--|--------|
| | 1 | | | | / | | - |
| | 2 | | | | / | | - |
| | 3 | | | | / | | - |
| MATERIAL COST | | | | | | | - |

| 2. | EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|-----------|-------------------|----------|-----|-----------|--|--------|
| | 1 | Demolition Hammer | 5 | day | /day | | |
| EQUIPMENT COST | | | | | | | |

| 3. | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|-----------------|-----------------|-------------|-----|-----------|--|--------|
| | 1 | Foreman | 5 | day | /day | | |
| | 2 | Skilled Laborer | 5 | day | /day | | |
| | 3 | Common Laborer | 5 | day | /day | | |
| LABOR COST | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|--|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |

| | | | | |
|----|--|----|--|--|
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |
|----|--|----|--|--|

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



II. CEILING WORKS

/ Quantity: 58 sq. mtr.

A. DIRECT COST

| a. MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|--|----------|-------|-----------|--------|--------|
| 1 | Fiber Cement Board 4' x 8' x 3.5mm | 23 | pc. | | /pc. | |
| 2 | Double Furring Channel (19mmx50mmx0.5mm x 5m) | 45 | pc. | | /pc. | |
| 3 | Blind Rivet | 3 | box | | /box | |
| 4 | Wall Angle | 15 | pc. | | /pc. | |
| 5 | Self drilling ficem board screw (20mm) | 800 | pc. | | /pc. | |
| 6 | Gypsum putty (5kg) | 2 | pail | | /pail | |
| 7 | Joint perforated tape (2") | 5 | rolls | | /rolls | |
| 8 | Assorted concrete nail | 3 | kg. | | /kg. | |
| MATERIAL COST | | | | | | |

| b. EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|-----------------------|----------|-----|-----------|------|--------|
| 1 | Scaffoldings - 4 sets | 4 | day | | /day | |
| EQUIPMENT COST | | | | | | |

| c. | | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|--|-----------------|-----------------|-------------|-----|-----------|--|--------|
| 1 | | 1 | Foreman | 5 | day | | | |
| 2 | | 2 | Skilled Laborer | 5 | day | | | |
| 3 | | 1 | Common Laborer | 5 | day | | | |
| LABOR COST | | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|--|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |

| | | | | |
|----|--|----|--|--|
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |
|----|--|----|--|--|

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



III. PAINTING WORKS

/ Quantity: 300 sq. mtr.

A. DIRECT COST

| MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|--------------------------------------|----------|------|-----------|-------|--------|
| 1 | Flat latex paint | 15 | gal. | | /gal. | |
| 2 | Acrylic latex paint (color optional) | 30 | gal. | | /gal. | |
| 3 | Masking Tape 1" | 20 | pc. | | /pc. | |
| 4 | Roller brush | 6 | pc. | | /pc. | |
| 5 | Assorted paint brush | 4 | pc. | | /pc. | |
| 6 | QDE Paint (Chocolate Brown) | 2 | gal. | | /gal. | |
| 7 | Flat wall enamel | 2 | lit | | /lit | |
| MATERIAL COST | | | | | | |

| EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|-----------------------|----------|-----|-----------|------|--------|
| 1 | Scaffoldings - 8 sets | 3 | day | | /day | |
| EQUIPMENT COST | | | | | | |

| | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|-----------------|-----------------|-------------|-----|-----------|------|--------|
| 1 | 1 | Foreman | 5 | day | | /day | |
| 2 | 2 | Skilled Laborer | 5 | day | | /day | |
| 3 | 2 | Common Laborer | 5 | day | | /day | |
| LABOR COST | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|---|----|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direc | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



IV. CONCRETE WORKS

/ Quantity: 1 lot

A. DIRECT COST

| a. MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|-----------------------------|----------|----------|-----------|-----------|--------|
| 1 | Portland Cement | 65 | bags | | /bags | |
| 2 | Concrete Hollow Blocks (5") | 450 | pc. | | /pc. | |
| 3 | Fine Aggregate | 5 | cu. Mtr. | | /cu. Mtr. | |
| 4 | Course Aggregate | 4 | cu. Mtr. | | /cu. Mtr. | |
| 5 | 10mm dia. RSB | 60 | pc. | | /pc. | |
| 6 | #16 G.I. Tie Wire | 1 | roll | | /roll | |
| 7 | Assorted nail | 2 | kg. | | /kg. | |
| MATERIAL COST | | | | | | |

| b. EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|------------------|----------|-----|-----------|------|--------|
| 1 | One Bagger Mixer | 1 | day | | /day | |
| EQUIPMENT COST | | | | | | |

| c. | | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|---|-----------------|-----------------|-------------|-----|-----------|------|--------|
| 1 | 1 | | Foreman | 7 | day | | /day | |
| 2 | 2 | | Skilled Laborer | 7 | day | | /day | |
| 3 | 2 | | Common Laborer | 7 | day | | /day | |
| LABOR COST | | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|---|----|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direc | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



V. ROOFING WORKS

/ Quantity: 24 sq. mtr.

A. DIRECT COST

| a. MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|--|----------|---------|-----------|----------|--------|
| 1 | 4.0mm x 1.5" x 1.5" x 20' Angle Bar | 8 | pc. | | /pc. | |
| 2 | Welding Rod | 2 | kg | | /kg | |
| 3 | 1.2mm x 2" x 3" x 20' C-Purlins | 9 | pc. | | /pc. | |
| 4 | 1.2mm x 2" x 6" x 20' C-Purlins | 1 | pc. | | /pc. | |
| 5 | Rib Type Roofing (pre-painted) 0.5mm thick | 24 | sq. mtr | | /sq. mtr | |
| 6 | Insulation Foam (10mm) | 24 | sq. mtr | | /sq. mtr | |
| 7 | Tekscrew, 50mm | 180 | pc. | | /pc. | |
| 8 | Pre-painted Flashing 18" | 7 | pc. | | /pc. | |
| 9 | Pre-Pianted Gutter 18" | 2 | pc. | | /pc. | |
| 10 | Roof sealant (500cc) | 1 | can | | /can | |
| 11 | PVC Pipe 3" | 3 | pc. | | /pc. | |
| 12 | PVC elbow 3" | 4 | pc. | | /pc. | |
| MATERIAL COST | | | | | | |

| b. EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|----------------------|----------|-----|-----------|------|--------|
| 1 | Welding Machine | 1 | day | | /day | |
| 2 | Scaffoldings - 2sets | 3 | day | | /day | |
| EQUIPMENT COST | | | | | | |

| c. | | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|--|-----------------|-----------------|-------------|-----|-----------|------|--------|
| 1 | | 1 | Foreman | 4 | day | | /day | |
| 2 | | 1 | Skilled Laborer | 4 | day | | /day | |
| 3 | | 2 | Common Laborer | 4 | day | | /day | |
| LABOR COST | | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|---|----|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direc | 5% | | |



TOTAL INDIRECT COST

C. TOTAL COST

1. DIRECT COST + INDIRECT COST

TOTAL UNIT COST



VI. TILE WORKS

/ Quantity: 41 sq. mtr.

A. DIRECT COST

| a. | | MATERIALS | QUANTITY | | UNIT COST | | AMOUNT |
|---------------|--|---|----------|----------|-----------|-----------|--------|
| 1 | | Floor Tiles(Comfort room) - 30cm x 30cm, finish: matt rustic, material: semi-porcelain, color: gray/plain ash | 65 | pc. | | /pc. | |
| 2 | | Wall Tiles (Comfort room) - 30cm x 60cm, finish: glossy, material: ceramic, color: plain white | 125 | pc. | | /pc. | |
| 3 | | Floor Tiles(Pantry) - 60cm x 60cm, finish: matt rustic, material: semi-porcelain, color: Elite Semi pol white (grayish) | 36 | pc. | | /pc. | |
| 4 | | Wood plank floor tile(Comfort room)- 20cm x 120cm, finish: matte, material: cermaic, color: wooden finish | 6 | pc. | | /pc. | |
| 5 | | Counter Top tiles (kitchen) - 60cm x 60cm, finish: glossy(marble), material: cermaic, color: white | 15 | pc. | | /pc. | |
| 6 | | Mosaic Tile (Comfort room) - 30cm x 30cm, finish: multi finish, material: glass, aluminum, ceramic, color: yexel blue | 34 | pc. | | /pc. | |
| 7 | | Tile adhessive (25kg) | 6 | bags | | /bags | |
| 8 | | Portland Cement | 6 | bags | | /bags | |
| 9 | | Fine Sand | 2 | cu. Mtr. | | /cu. Mtr. | |
| 10 | | Tile grout | 20 | kg. | | /kg. | |
| MATERIAL COST | | | | | | | |

| b. | | EQUIPMENT | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|--|-----------------|----------|-----|-----------|------|--------|
| 1 | | Cut-Off machine | 7 | day | | /day | |
| EQUIPMENT COST | | | | | | | |

| c. | | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|------------|--|-----------------|-----------------|-------------|-----|-----------|------|--------|
| 1 | | 1 | Foreman | 7 | day | | /day | |
| 2 | | 2 | Skilled Laborer | 7 | day | | /day | |
| 3 | | 2 | Common Laborer | 7 | day | | /day | |
| LABOR COST | | | | | | | | |



TOTAL DIRECT COST

B. INDIRECT COST

| | | | |
|---|----|---------------|--|
| 1. OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. CONTRACTORS PROFIT | | | |
| | | TOTAL MARK-UP | |
| 3. Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | |
|--------------------------------|--|
| 1. DIRECT COST + INDIRECT COST | |
|--------------------------------|--|

TOTAL UNIT COST



VII. PLUMBING WORKS

/ Quantity: 1 lot

A. DIRECT COST

| a. | MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|----|---|--|----------|-------|-----------|--------|--------|
| | | | | | | | |
| 1 | One Piece Water Closet - material: vitreous China, siphonic jet flushing, double flushing (4/6 lit), Elongated shape, seat cover UF soft closing, R&T tank fittings, size (690x370x770mm) | | 2 | unit | | /unit | |
| 2 | Top Inlet Urinal- wall mounted, material: vitreous China, Top inlet urinal | | 1 | unit | | /unit | |
| 3 | Lavatory with pedestal - material: vitreous China, floor mount, glossy finish | | 2 | units | | /units | |
| 4 | Angle Valve (2way), Stainless steel 304 | | 5 | pc. | | /pc. | |
| 5 | Angle Valve (3way), Stainless 304 | | 4 | pc. | | /pc. | |
| 6 | Flexible Hose 18", Stainless steel 201 | | 9 | pc. | | /pc. | |
| 7 | Hand Bidet, Stainless steel 304, coil hose | | 4 | pc. | | /pc. | |
| 8 | Lavatory Faucet, material: brass | | 4 | pc. | | /pc. | |
| 9 | Kitchen faucet(gooseneck), Stainless steel (304) | | 3 | pc. | | /pc. | |
| 10 | Kitchen Lavatory - Single bowl w/ Drain, size: 920 x 430 x 150mm, material: Stainless Steel 304, finish: satin | | 1 | unit | | /unit | |
| 11 | Lavatory Countertop - Rectangular vessel basin, Size: 600mm x 470mm x 180mm, finish: glossy, material: vitreous china | | 1 | unit | | /unit | |
| 12 | Wall Faucet(4"), material: Zinc Alloy | | 2 | pc. | | /pc. | |
| 13 | Toilet paper holder, material: zinc | | 4 | pc. | | /pc. | |
| 14 | Floor Drain 4" - material: stainless steel 304 | | 2 | pc. | | /pc. | |
| 15 | P-trap (PVC plastic) | | 6 | pc. | | /pc. | |
| 16 | 4" PVC 45° Elbow | | 2 | pc. | | /pc. | |
| 17 | 4" PVC 90° Elbow | | 7 | pc. | | /pc. | |
| 18 | 4" PVC Wye | | 5 | pc. | | /pc. | |
| 19 | 4" PVC Tee | | 3 | pc. | | /pc. | |
| 20 | 4" x 2" PVC Tee Reducer | | 7 | pc. | | /pc. | |
| 21 | 4" PVC Elbow | | 12 | pc. | | /pc. | |
| 22 | 4" PVC Clean Out w/ Plug | | 3 | pc. | | /pc. | |



Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

| | | | | | | |
|---------------|----------------------------------|----|------|--|-------|--|
| 23 | 4" PVC Pipe | 14 | pc. | | /pc. | |
| 24 | 2" PVC Pipe | 5 | pc. | | /pc. | |
| 25 | 20mm dia. PPR pipe, PN20 | 3 | pc. | | /pc. | |
| 26 | 20mm x 1/2" Elbow Female adaptor | 7 | pc. | | /pc. | |
| 27 | 20mm PPR tee | 4 | pc. | | /pc. | |
| 28 | 25mm x 20mm PPR Tee Reducer | 1 | pc. | | /pc. | |
| 29 | 20mm Elbow | 4 | pc. | | /pc. | |
| 30 | 82 gal. Stainless Pressure Tank | 1 | pc. | | /pc. | |
| 31 | Solvent cement 400cc | 1 | can | | /can | |
| 32 | Silicon Sealant (Color optional) | 5 | tube | | /tube | |
| 33 | | | | | / | |
| MATERIAL COST | | | | | | |

| | | | | |
|----------------|-----------|----------|-----------|--------|
| b. | EQUIPMENT | QUANTITY | UNIT COST | AMOUNT |
| 1 | | | | |
| EQUIPMENT COST | | | | |

| | | | | | |
|------------|-----------------|-----------------|-------------|-----------|--------|
| c. | no. of manpower | LABOR | NO. OF DAYS | UNIT COST | AMOUNT |
| 1 | 1 | Foreman | 7 day | /day | |
| 2 | 2 | Skilled Laborer | 7 day | /day | |
| 3 | 1 | Common Laborer | 7 day | /day | |
| LABOR COST | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|----|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|-----------------|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
| TOTAL UNIT COST | | |



VIII. ELECTRICAL WORKS

/ Quantity: 1 lot

A. DIRECT COST

| a. MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|--------------|---|----------|------|-----------|-------|--------|
| 1 | 2 gang 1-way Switch with plate, gray finish | 4 | pc. | | /pc. | |
| 2 | 1 gang 1-way Switch with plate, gray finish | 4 | pc. | | /pc. | |
| 3 | Duplex Universal outlet with plate, gray finish | 19 | pc. | | /pc. | |
| 4 | 170mm dia. round Recesses downlight, 12w | 8 | pc. | | /pc. | |
| 5 | 300mm x 1200mm LED recessed panel light, 48 watts | 11 | pc. | | /pc. | |
| 6 | LED bulb E27, 15watts | 1 | pc. | | /pc. | |
| 7 | CAT6 Data connection outlet with cover, gray finish (RJ45) | 12 | pc. | | /pc. | |
| 8 | Telephone Outlet with cover, gray finish | 1 | pc. | | /pc. | |
| 9 | 12U Wall Mounted Cabinet (600mmx600mmx12U), column spacing: 465mm (19inch), Material: SPCC cold rolled steel, Function: can install server equipment, the router, patch, panel, KVM, UPS, Network device, etc., with 2 units cooling fan, 220V, 8 socket 16A PDU rack mount | 1 | unit | | /unit | |
| 10 | Network switch Hub - Standard protocols: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, Interface: 16-port, 10/100/1000Mbps, Power supply: 100-240VAC, 50/60hz, Switching capacity: 32Gbps | 1 | unit | | /unit | |
| 11 | 1.5KVA UPS,220VAC | 1 | unit | | /unit | |
| 12 | CAT6 Data Cable | 1 | roll | | /roll | |
| 13 | 5mtr. Radius Smoke Detector, Battery Op. | 9 | unit | | /unit | |
| 14 | 2.0mm² THHN Copper Wire | 1 | roll | | /roll | |
| 15 | 3.5mm² THHN Copper Wire | 1 | roll | | /roll | |
| 16 | 5.5mm² THHN Copper Wire | 1 | roll | | /roll | |
| 17 | 4" x 4" Receptacle | 1 | pc. | | /pc. | |
| 18 | 20mm dia. SCH40 PVC Thick wall | 10 | pc. | | /pc. | |
| 19 | 25mm dia. SCH40 PVC Thick wall | 35 | pc. | | /pc. | |



| | | | | | | |
|---------------|---|----|------|--|-------|--|
| 20 | Electric Stove -Built in, 2 Electric Hotplate(2.0kw, 1.5kw) | 1 | unit | | /unit | |
| 21 | Ceiling Mounted Exhaust Fan (10") | 2 | unit | | /unit | |
| 22 | Wall Mounted Exhaust Fan (12") | 1 | unit | | /unit | |
| 23 | PVC Moulding | 15 | pc. | | /pc. | |
| MATERIAL COST | | | | | | |

| | | | | |
|----------------|-----------|----------|-----------|--------|
| b. | EQUIPMENT | QUANTITY | UNIT COST | AMOUNT |
| 1 | | | | |
| EQUIPMENT COST | | | | |

| | | | | | |
|------------|-----------------|----------------|-------------|-----------|--------|
| c. | no. of manpower | LABOR | NO. OF DAYS | UNIT COST | AMOUNT |
| 1 | 1 | Foreman | 7 day | /day | |
| 2 | 1 | Electrician | 7 day | /day | |
| 3 | 2 | Common Laborer | 7 day | /day | |
| LABOR COST | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|----|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



IX. Doors and Partition Walls

/ Quantity: 1 lot

A. DIRECT COST

| a. | MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
|----------------|-----------------|--|-------------|---------|-----------|----------|--------|
| | 1 | 1200 X 2100mm Double Panel Door (Complete with door jamb,8pc-ball bearing hinge, bolt door latch, door knob, material: paneled wood door, Painted Finish) | 1 | set | | /set | |
| | 2 | 700 x 2100mm PVC Door (complete with door jamb and louver, 4 pc. - ball bearing hinge, door knob, material: PVC, color: granite gray) | 2 | set | | /set | |
| | 3 | 700 x 2100mm Steel Door (steel door jamb include, hinges, material: steel, finish: plain matte, color: gray, thickness: 50mm), door knob | 1 | set | | /set | |
| | 4 | 800 x 2100mm Steel Door (steel door jamb include, hinges, material: steel, finish: plain matte, color: gray, thickness: 50mm), door knob | 1 | set | | /set | |
| | 5 | 900mm x 2100mm Glass swing door- 1/2" Tempered Glass (frameless, complete with door closer, stainless steel door handle) | 1 | set | | /set | |
| | 6 | 2700 x 3850mm Partition Wall - material: 1/4" thick glass (clear), 1 3/4" x 4" Tubular Framing (powder coated white) | 235 | sq. ft. | | /sq. ft. | |
| | 7 | 6mm x 2" Flat Bar | 2 | pc. | | /pc. | |
| | 8 | 1.2mm x 2" x 1" Tubular | 4 | pc. | | /pc. | |
| | 9 | 1.2mm x 2" x 4" Tubular | 2 | pc. | | /pc. | |
| | 10 | 1" x 4' x 8' Plyboard | 1 | pc. | | /pc. | |
| MATERIAL COST | | | | | | | |
| b. | EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
| | 1 | | | | | | |
| EQUIPMENT COST | | | | | | | |
| c. | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
| | 1 | 1Foreman | 4 | day | | /day | |



| | | | | | | | |
|------------|---|-----------------|---|-----|--|------|--|
| 2 | 1 | Skilled Laborer | 4 | day | | /day | |
| 3 | 2 | Common Laborer | 4 | day | | /day | |
| LABOR COST | | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | |
|---|----|---------------|--|
| 1. OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. CONTRACTORS PROFIT | | | |
| | | TOTAL MARK-UP | |
| 3. Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |

TOTAL INDIRECT COST

C. TOTAL COST

| | |
|--------------------------------|--|
| 1. DIRECT COST + INDIRECT COST | |
|--------------------------------|--|

TOTAL UNIT COST



X. Fixtures

/ Quantity: 1 lot

A. DIRECT COST

| a. | | MATERIALS | QUANTITY | | UNIT COST | | AMOUNT |
|----|--|-----------|---------------|------|-----------|-------|--------|
| 1 | 2.5 HP Split Type Inverter | | 1 | unit | | /unit | |
| | Capacity: 2.5Hp | | | | | | |
| | Rated Cooling Capacity (kW): 6.59(1.93-7.18) | | | | | | |
| | Rated Power Consumption: 1.835kW(0.38-2.3) | | | | | | |
| | COP: 3.59 | | | | | | |
| | CSPF(Energy Efficient Rating): atleast 6.30 | | | | | | |
| | DOE Star Rating: 5 star | | | | | | |
| | Power Supply: 220V/60Hz | | | | | | |
| | Indoor Unit: | | | | | | |
| | - Dimension: 297x990x273 | | | | | | |
| | - Color: White | | | | | | |
| | - Auto Swing: Vertical & Horizontal | | | | | | |
| | Outdoor Unit: | | | | | | |
| | - Casing Color: Ivory White | | | | | | |
| | - Dimension: 615 x 845 x300 | | | | | | |
| | Refrigerant : R32 | | | | | | |
| | | | | | | | |
| | | | MATERIAL COST | | | | |

| b. | EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
|----|-----------|--|----------------|--|-----------|--|--------|
| | | | | | | | |
| 1 | | | | | | | |
| | | | EQUIPMENT COST | | | | |

| c. | no. of manpower | LABOR | | NO. OF DAYS | | UNIT COST | | AMOUNT |
|----|-----------------|------------------------|------------|-------------|--|-----------|--|--------|
| | | | | | | | | |
| 1 | | Aircon Tech. Installer | 1 | lot | | /lot | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| | | | LABOR COST | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|--|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |



| | | | |
|---|----|--|--|
| 3. Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |
|---|----|--|--|

TOTAL INDIRECT COST

C. TOTAL COST

| | |
|--------------------------------|--|
| 1. DIRECT COST + INDIRECT COST | |
|--------------------------------|--|

TOTAL UNIT COST



XI. Other General Requirements

/

Quantity:

1

lot

A. DIRECT COST

| a. | | MATERIALS | QUANTITY | | UNIT COST | | AMOUNT |
|----|--|---------------|----------|--|-----------|--|--------|
| 1 | | | | | / | | - |
| 2 | | | | | / | | - |
| 3 | | | | | / | | - |
| | | MATERIAL COST | | | | | - |

| b. | | EQUIPMENT | QUANTITY | | UNIT COST | | AMOUNT |
|----|--------------------------------|----------------|----------|-----|-----------|--|--------|
| 1 | PPE(vest,gloves, safety shoes) | | 6 | set | /set | | |
| | | EQUIPMENT COST | | | | | |

| c. | | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
|----|---|-----------------|----------------|-------------|------|-----------|--|--------|
| 1 | 1 | | Safety Officer | 8 | days | /days | | |
| 2 | 1 | | First Aider | 8 | days | /days | | |
| 3 | | | | | | | | |
| | | LABOR COST | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|---------------|--|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | TOTAL MARK-UP | | |

| | | | | |
|----|---|----|--|--|
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direc | 5% | | |
|----|---|----|--|--|

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



XII. Project Billboard

/ Quantity: 1 lot

A. DIRECT COST

| | | | | | | | |
|----|---------------|--|----------|-----|-----------|------|--------|
| a. | MATERIALS | | QUANTITY | | UNIT COST | | AMOUNT |
| | 1 | Project Tarpaulin 8' x 8' (with frame) | 1 | lot | | /lot | |
| | MATERIAL COST | | | | | | |

| | | | | | | | |
|----|----------------|--|----------|--|-----------|--|--------|
| b. | EQUIPMENT | | QUANTITY | | UNIT COST | | AMOUNT |
| | 1 | | | | | | |
| | EQUIPMENT COST | | | | | | |

| | | | | | | | |
|----|-----------------|-------|-------------|--|-----------|--|--------|
| c. | no. of manpower | LABOR | NO. OF DAYS | | UNIT COST | | AMOUNT |
| | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | LABOR COST | | | | | | |

TOTAL DIRECT COST

B. INDIRECT COST

| | | | | |
|----|--|--|---------------|--|
| 1. | OCM(Overhead, Contingencies, Miscellaneous) | | | |
| 2. | CONTRACTORS PROFIT | | | |
| | | | TOTAL MARK-UP | |

| | | | | |
|----|--|----|--|--|
| 3. | Added Tax, VAT (OCM + Contractor's Profit + Direct | 5% | | |
|----|--|----|--|--|

TOTAL INDIRECT COST

C. TOTAL COST

| | | |
|----|-----------------------------|--|
| 1. | DIRECT COST + INDIRECT COST | |
|----|-----------------------------|--|

TOTAL UNIT COST



GENERAL SPECIFICATIONS

I. INTRODUCTION

The works to be accomplished by the successful bidder shall consist of furnishing, supervision of labor, materials, tools and equipment to complete the Scope of Works for the project: **Rehabilitation/Improvement of Old admin building at Laoag Airport**. The details of work are best enumerated below; however, it is understood that the contract includes all works and services though not specifically mentioned herein, but are needed to fully complete the project shall be undertaken by the contractor.

All Scope of works must be according to plans and specifications. The Quality and types of materials must conform to the specifications and must be approved first by the Engineer-In-Charge assigned by CAAP-LIA

II. STATEMENT OF WORK

A. Scope of Work

- i. The Scope of Work includes the furnishing of all necessary labor, equipment, tools, materials, supplies, supervision, and expertise necessary to perform the following.
 1. **Site Works** – The work includes:
 - a. The work requires the relocation of an electrical pole at the expansion site.
 - b. Clearing of the expansion site.
 - c. Clearing for the concreting of the pathway as shown in the attached plans and drawings.
 - d. Removal of the old plumbing fixtures and sewer line on the first and second floors of the old administration building.
 2. **Ceiling Works** – The work includes the installation of new framing for the ceiling and the installation of 3.5mm fiber cement board. (see attached drawings for location and details). Approximate area is 58 sq. Mtr.
 3. **Painting Works** – The work includes the painting of the newly installed ceiling and the existing Masonry walls of the old admin building. Apply flat latex first, then finish it with acrylic latex paint for the ceiling and masonry wall. Please see the attached plans and drawings for the wall paint designs. Approximate area is 300 sq. Mtr.
 4. **Concrete Works** - The work includes the concreting of floor slabs and the installation of a 5" CHB wall for the extension. See attached plans and drawings.



5. **Roofing Works** – 24 square meters of roofing will be installed. It involves the construction of trusses as well as the installation of flashing, gutters, drain pipes, and insulation foam.
6. **Tile Works** – Tile installation for the walls and floors. Please refer to the drawings and plans supplied. Also, the contractor is required to provide sample/options of tiles before installation.
7. **Plumbing Works** – New plumbing fixtures, additional water line connections, and sewer re piping are all part of the work. Drawings and plans attached for reference.
 - a. Installation of water closet (2), urinal (1), lavatory with pedestal (1), lavatory counter top (1)
 - b. Installation of faucet (9), bidet (4)
8. **Electrical Works** – The task involves replacing electrical outlets, lighting fixtures, and Ethernet lines. Please review the drawings and plans attached.
9. **Doors and Partition walls** – The work includes the installation and replacement of doors and partition walls, as seen in the attached plans and drawings.
10. **Fixtures** – One (1) split-type inverter air conditioning will be installed as part of the work. More significantly, the specified energy efficiency cannot be less than 6.30.
11. **Other General Requirements** – Occupational Safety and Health Program
12. **Project Billboard** – The work includes the installation of framed tarpaulin (8' x 8')

B. Work Schedule

The Contractor shall provide the necessary manpower, tools, equipment, materials and supplies to insure timely accomplishment and delivery. Depending on the work, the contractor can flexibly up-size or down size its manpower, equipment, materials, etc. with the ultimate objective of delivering satisfactory on time result and performance.

1. Working Time

- Work is done regularly at daytime. The working time is eight (8) hours a day, six days a week including holiday.
- At Special Cases, works can be done at night after the operation of the airport. Working time can be within 10pm – 6am.



2. Work Method

- Work methodology will be formulated by the contractor and CAAP-LIA authorities prior to implementation of the contract.

C. Man Power Schedule

The Minimum manpower required during contract implementation shall be:

| | |
|-------------------------------|--|
| Civil Engineer/Safety Officer | 2years supervisory experience with safety training certificate |
| Painter | -- |
| Driver | -- |
| Laborer | -- |

The contractor shall provide the necessary manpower to properly accomplish all necessary related works. The contractor shall designate a competent representative who shall be available at the area to oversee working operation being carried out and to receive instructions from the Airport officials. The contractor's authorized representative shall be responsible for the overall management and coordination of work to be performed as contract provisions and shall act as central point with the government agency. The contractor's authorized representative shall have full authority to act thereat in behalf of the contractor's name while in the premises.

i. Identification

1. The Contractor's personnel shall be recognizable while in airport premises. This will be accomplished by the used of uniforms and printed with the company's name of the contractor. All expenses for uniforms and badges shall be borne by the contractor. All contractor's personnel shall always be in uniform.

D. Equipment, Tools and Consumables required to be used for the project

1. Scaffoldings
2. Welding machine
3. Cut-off machine

The Contractor shall provide the required number of equipment, tools and consumables to accomplish all necessary works provided in the contract. The contractor's equipment provided therein shall be used exclusively for the contracted services.



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The use of other kind of equipment other than that stated thereof will not be permitted, unless otherwise approved by the authority. Any delay caused, by stoppage of work being authorized by the office concerned will not be taken against the contractor.

E. Service Vehicle

The Contractor shall make available, during the performance of the contract, at least one (1) service vehicle with good condition, for use by the airport authority's representative/engineers for the purpose of inspection, monitoring, measuring, laboratory testing and other activities relative to the implementation of the project.

F. Handheld radios

If project location is within the Restricted Area of the Airport, the contractor is required to have at least one (1) Hand Held Radio for Proper Coordination with Control Tower or any personnel involved in the flight operation under CAAP.

G. Period of Implementation

The contract shall be implemented within the FY2024. Provided that the contractor will only proceed upon written notice from the duly authorized representative of the Authority to commence with the project, which notice must not be less than seven (7) days from the start date.

H. Guidelines

The contractor shall always establish a complete quality control program to adhere with the following requirements while carrying out his function and responsibilities during the implementation of the contract.

i. Quality Assurance and Corresponding Penalties

The Contractor shall establish a system of quality control program to assure that the requirements of the contract are provided as specified. One copy of the contractor's quality control program shall be submitted to the Authority prior to start of the contracted services. An updated copy must be provided as changes occur. The program shall include but not limited to the following.

- An inspection system, covering all the services to be performed under the contract. This must specify areas to be inspected on either a scheduled or unscheduled basis or such personnel who will perform the inspection.



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- A method for identifying deficiencies in the quality of services rendered, before the level of performance becomes unacceptable.
- Contractor shall provide the following uniform to all its employees:
 - A shirt with a contractor's logo/name with pants of any color or any equivalent uniform acceptable to CAAP-LIA
 - A penalty amounting to Fifty Pesos (P 50.00) per day per person shall be imposed on personnel who are not in prescribed uniform while on duty.

ii. Safety and Security Measures

The Contractor shall adhere to all standards and recommended practices stipulated by the airport authority and shall, under no circumstances, violate standard rules and regulations.

- The Contractor and his employees shall always comply with the security and safety requirements imposed by the management while in the airport premises.
- The Contractor is hereby instructed that aircraft operations and movements and the safety thereof, shall always take precedence over any operation.

In case of within the restricted area, a presence of authorized handheld radio operator is assigned and shall obtain clearance from the Control Tower from time to time for thorough safety.

- The Contractor shall, always keep paved surfaces such as runways, taxiways and hard stands free from hazardous materials.

Prepared:


RENZ ALDRINE A. CORPUZ
Engineer

Checked/Verified:

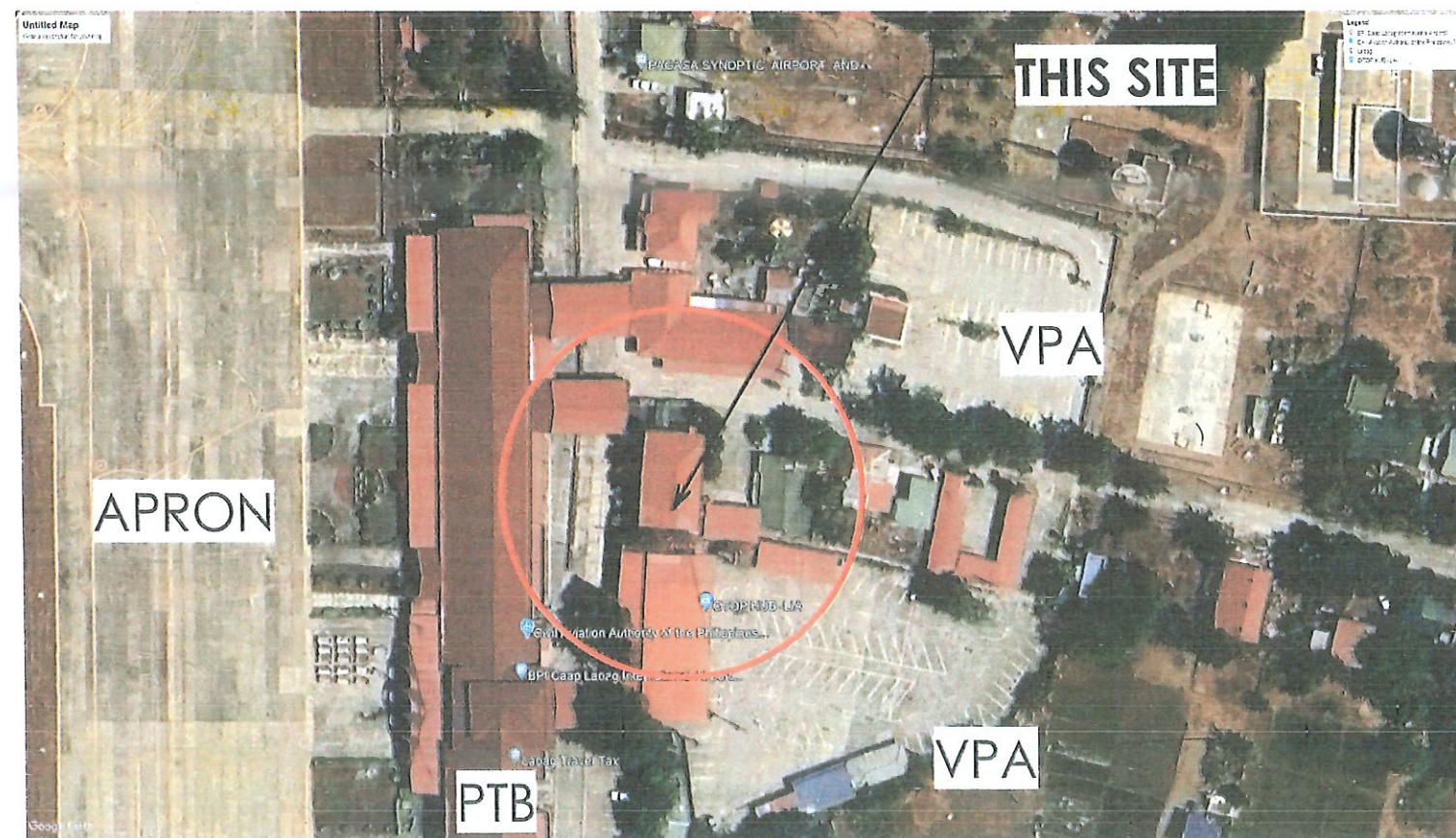

JOEFFREY B. LAGADON
Engineer II, FIC-BGM

Approved:


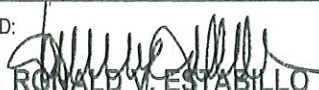

RONALD C. ESTABILLO
Civil Aviation Area Manager, Area I
Head, Area Cluster I

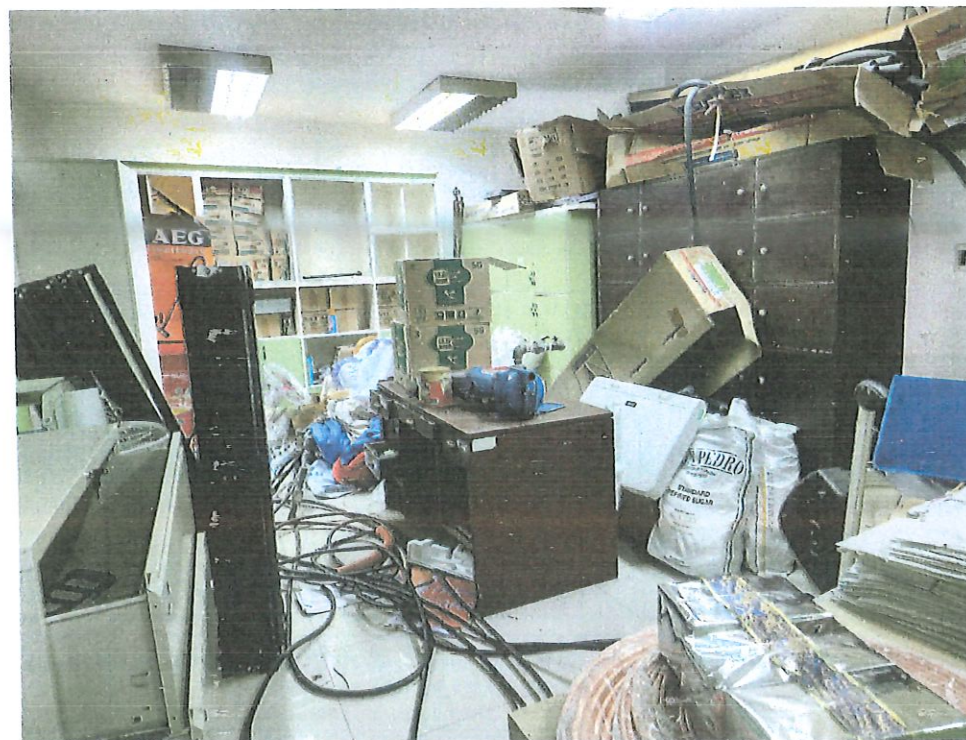


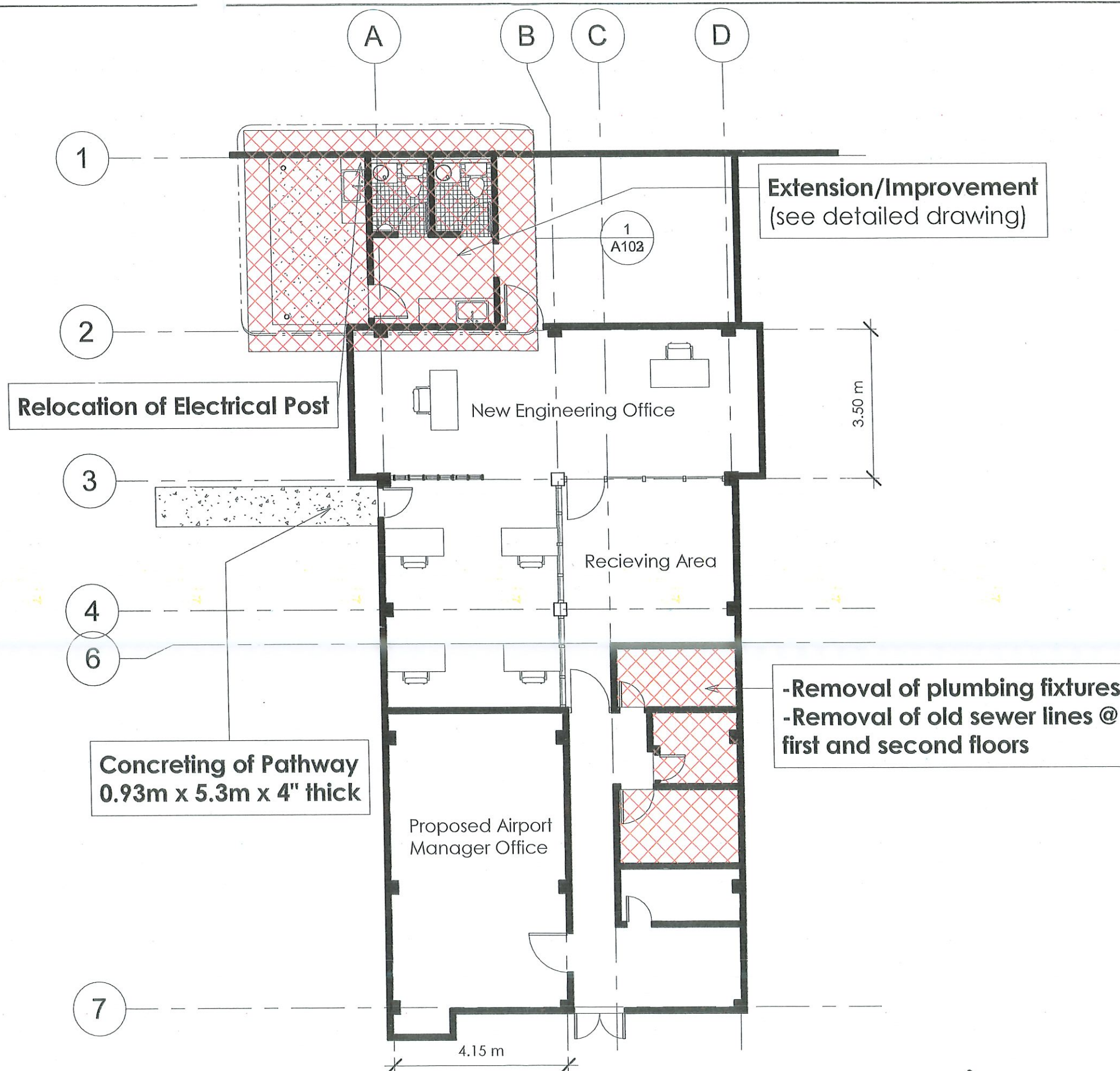
PERSPECTIVE





VICINITY MAP

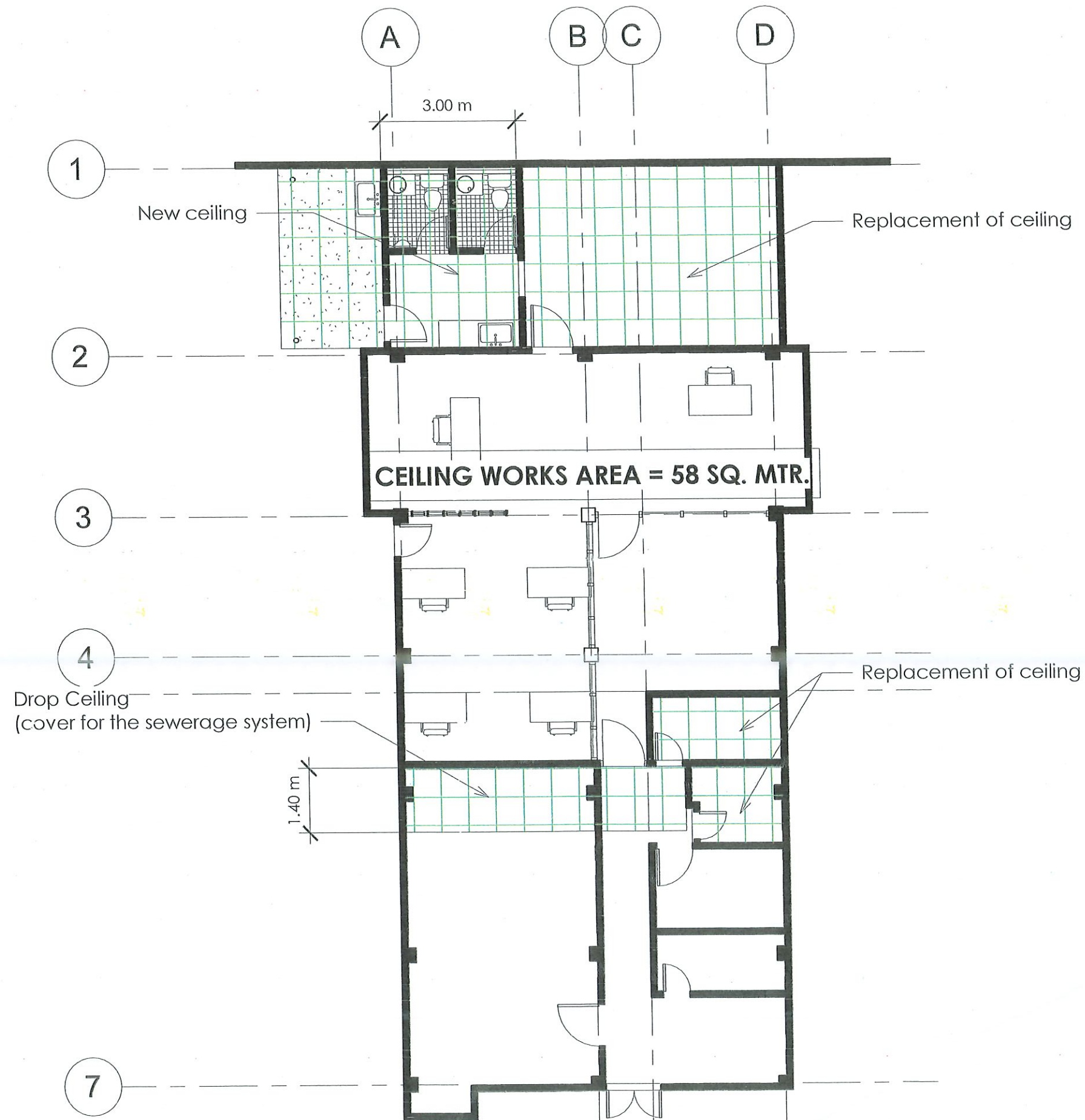
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|  <p>REPUBLIC OF THE PHILIPPINES CIVIL AVIATION AUTHORITY OF THE PHILIPPINES</p> | <p>PREPARED: RENZ ALDRINE A. CORPUZ Engineer</p> <p>CHECKED/VERIFIED: JOEFFREY B. LAGADON Engineer II, FIC-BGM</p> | <p>PROJECT TITLE: REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING AT LAOAG AIRPORT</p> <p>LOCATION: BRGY. 36 ARANIW, LAOAG CITY</p> | <p>APPROVED:  RONALD V. ESTABILLO CIVIL AVIATION AREA MANAGER, AREA 1</p> | <p>SCALE:</p> <p>Vicinity Map, PerA109tive</p> |
|---|--|--|---|---|





① Site Works
1 : 100

| | | | | |
|--|---|---|--|--------------------------------------|
|  REPUBLIC OF THE PHILIPPINES CIVIL AVIATION AUTHORITY OF THE PHILIPPINES | PREPARED: RENZ ALDRINE A. CORPUZ Engineer CHECKED/VERIFIED: JOEFFREY B. LAGADON Engineer II, FIC-BGM | PROJECT TITLE: REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING AT LAOAG AIRPORT LOCATION: BRGY. 36 ARANIW, LAOAG CITY | APPROVED:  RONALD V. ESTABILLO CIVIL AVIATION AREA MANAGER, AREA 1 | SCALE: 1 : 100 Site Works A101 |
|--|---|---|--|--------------------------------------|



① Ceiling Works
1 : 100

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PREPARED :

RENZ ALDRINE A. CORPUZ
Engineer

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
Engineer II, FIC-BGM

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF OLD
ADMIN BUILDING AT LAOAG AIRPORT

LOCATION:

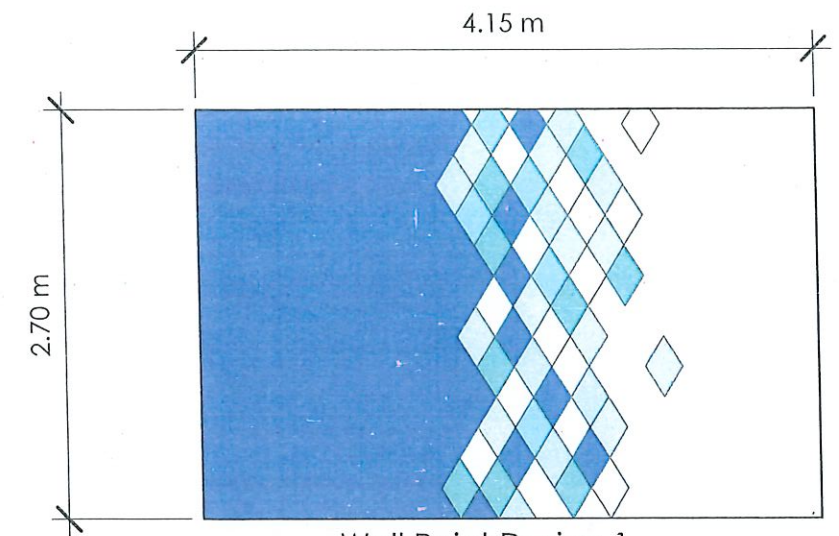
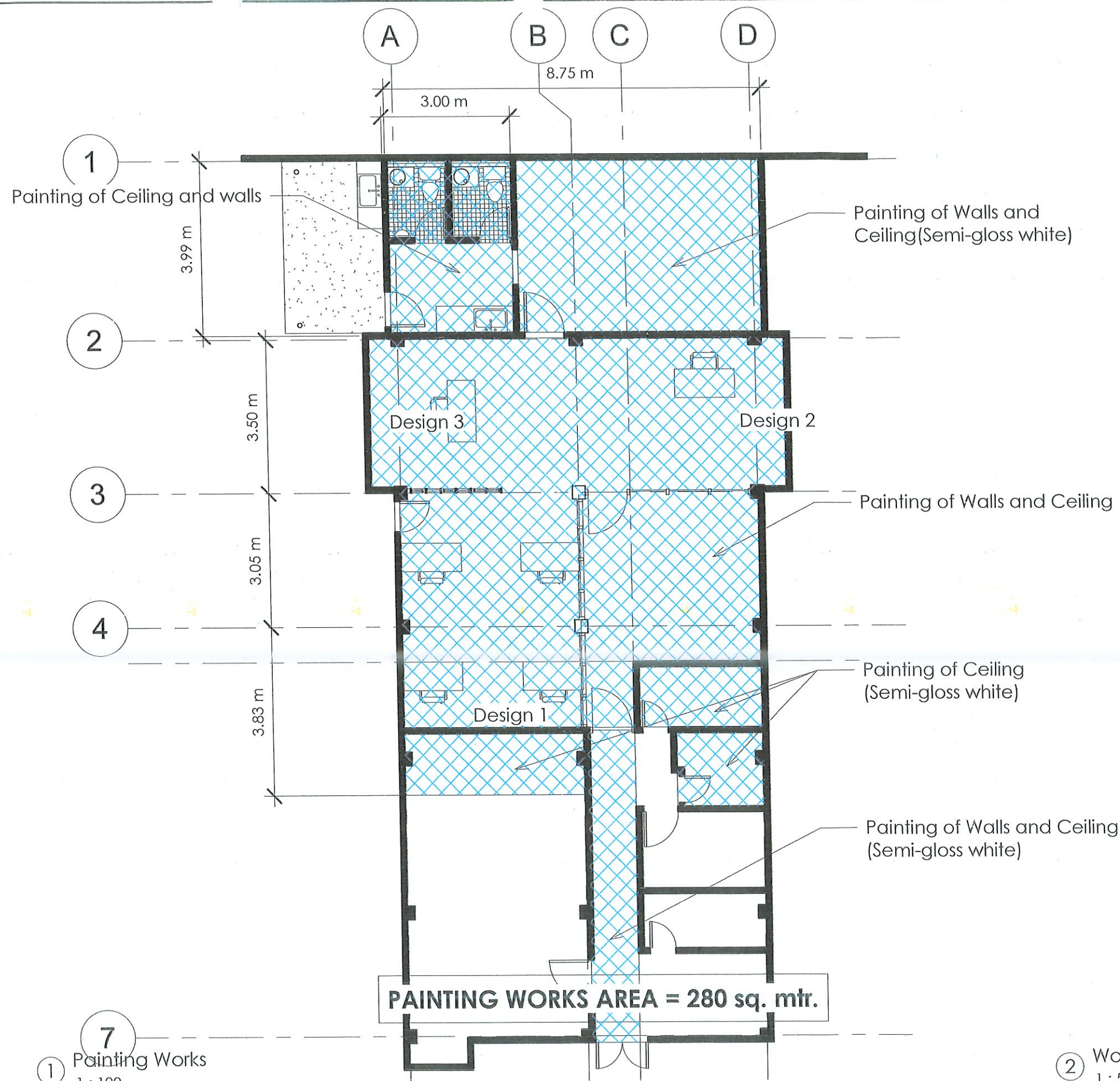
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CITY

APPROVED:

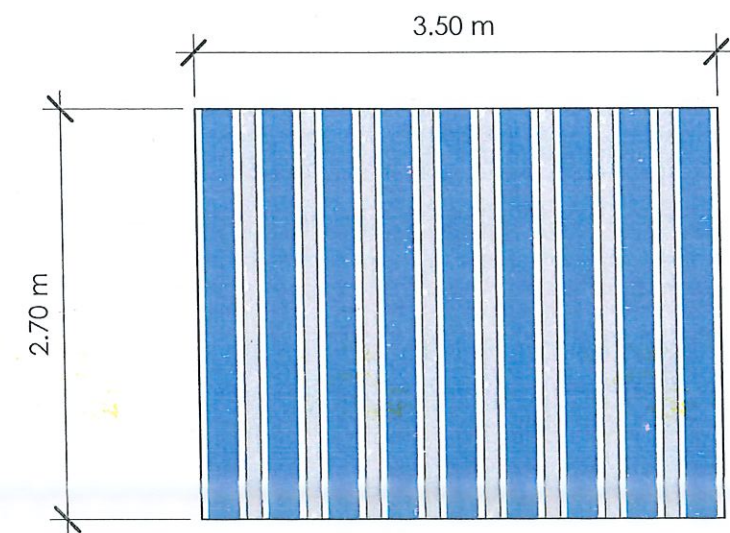
RONALD V. ESTABILLO
CIVIL AVIATION AREA MANAGER, AREA 1

SCALE: 1 : 100

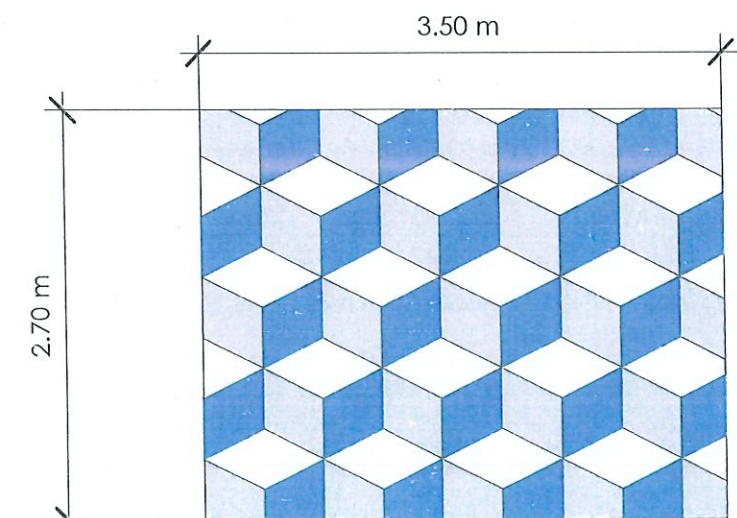
Ceiling Works
A105



Wall Paint Design 1



Wall Paint Design 2



Wall Paint Design 3

② Wall Art 1
1 : 50



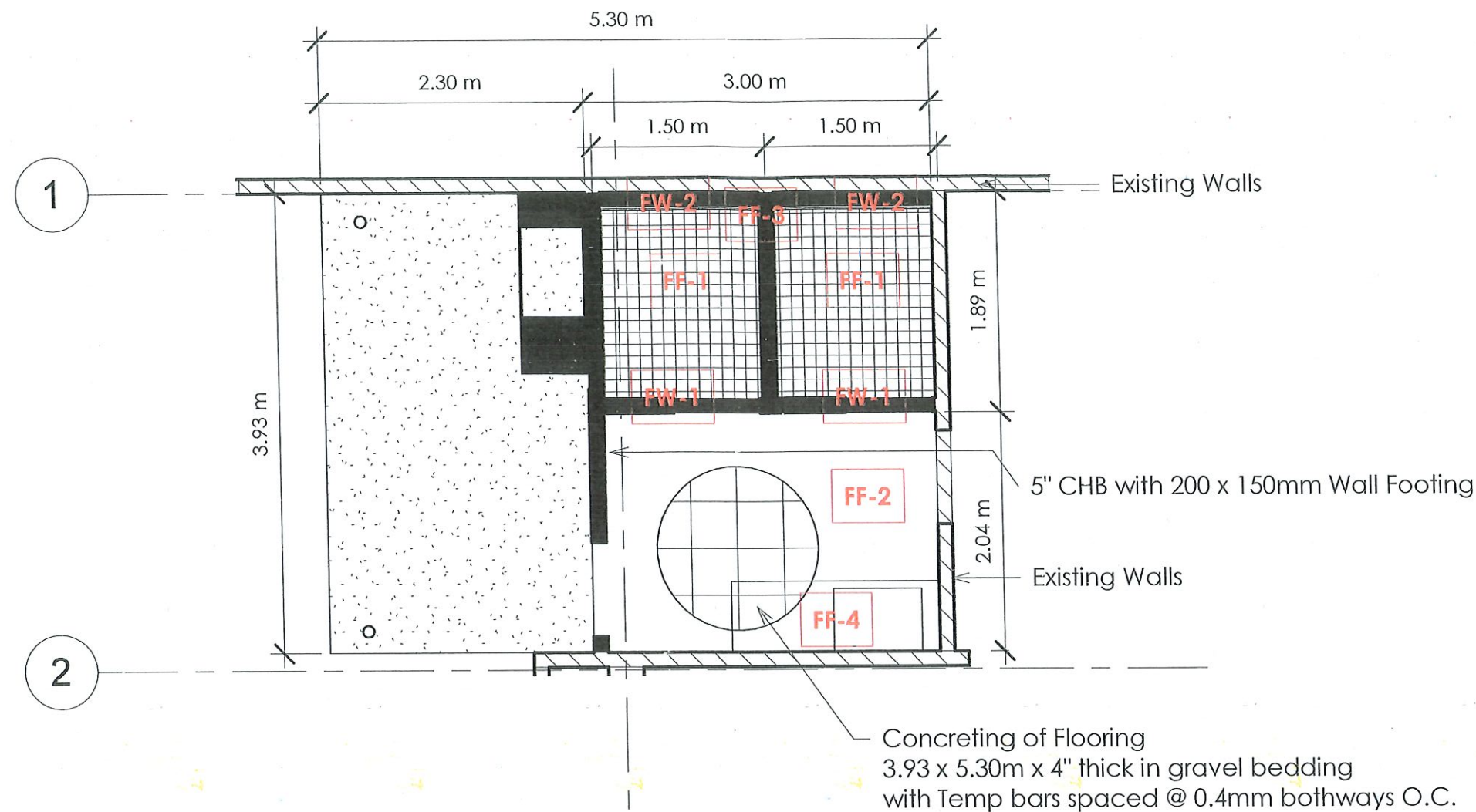
REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: **RENZ ALDRINE A. CORPUZ**
Engineer
CHECKED/VERIFIED: **JOEFFREY B. LAGADON**
Engineer II, FIC - BGM

PROJECT TITLE:
REHABILITATION/IMPROVEMENT OF OLD
ADMIN BUILDING AT LAOAG AIRPORT
LOCATION:
BRGY. 36 ARANIW, LAOAG
CITY

APPROVED:
RONALD V. ESTABILLO
CIVIL AVIATION AREA MANAGER, AREA 1

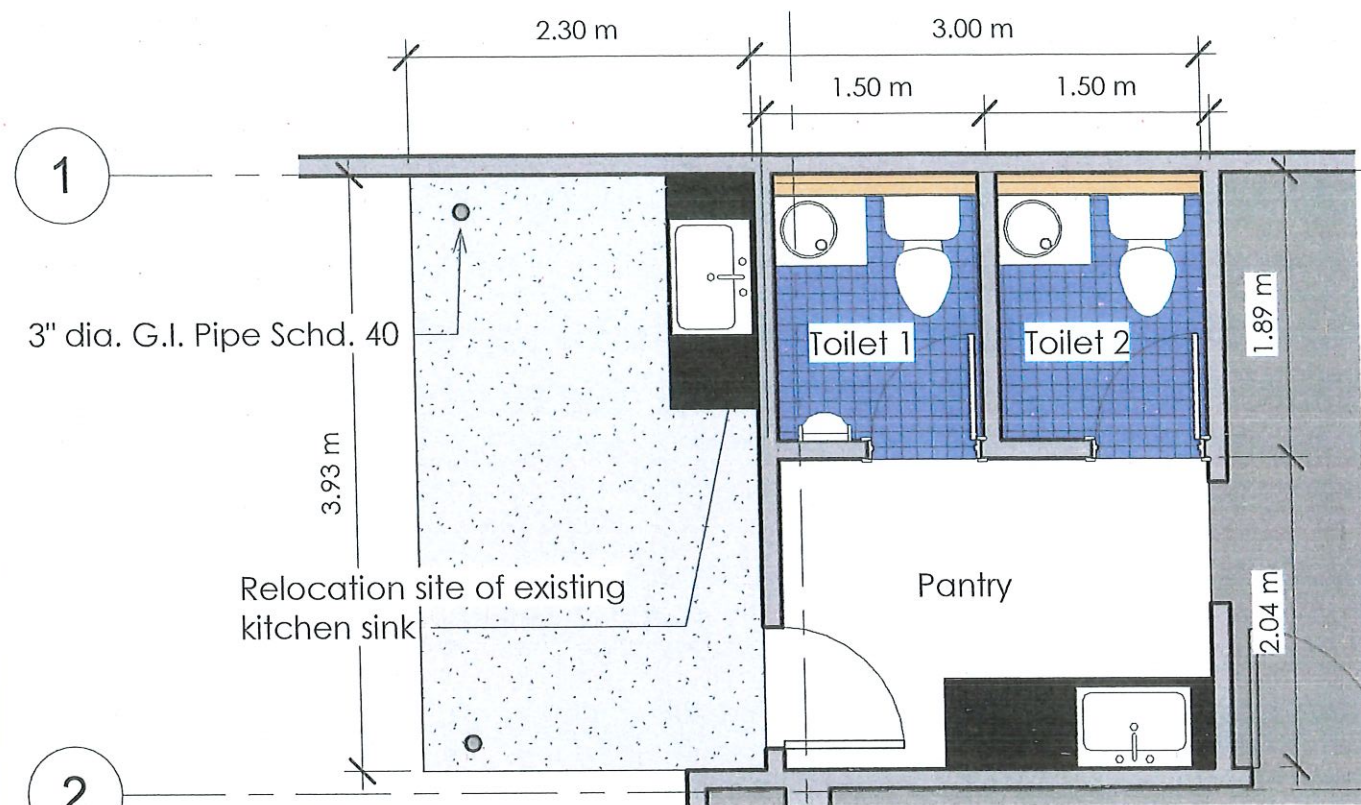
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indicated
Painting Works
A104



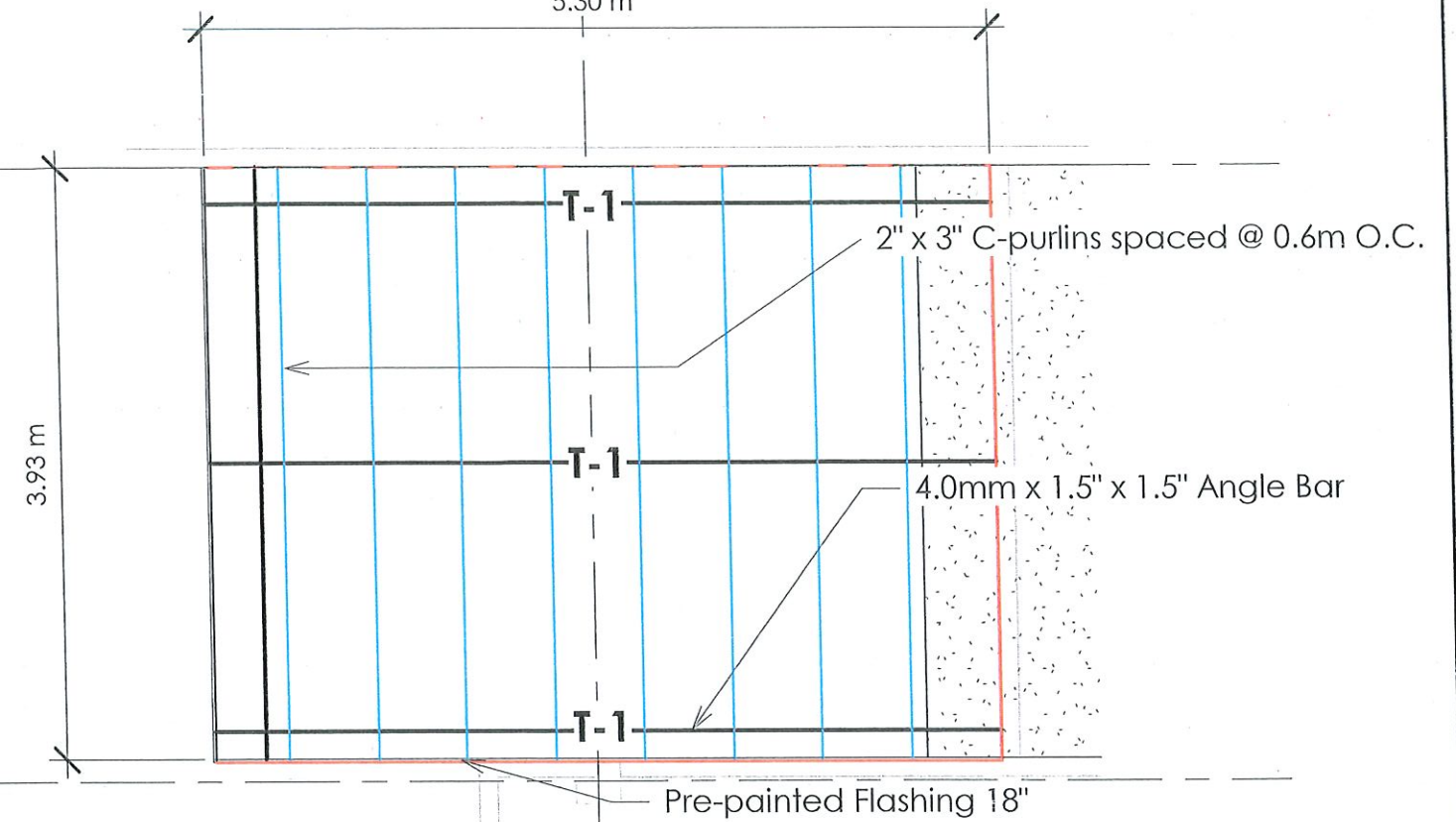
① Concrete Works
1 : 50

| TAG | FLOOR/WALL FINISHES |
|------|--|
| FF-1 | 300mm x 300mm Matt rustic tiles, material: semi-porcelain, color: gray/plain ash (SUBMIT SAMPLE FOR APPROVAL) |
| FF-2 | 600mm x 600mm Matt rustic tiles, material: semi-porcelian, color: Elite semi pol white(SUBMIT SAMPLE FOR APPROVAL) |
| FF-3 | 200mm x 1200mm Wood plank tile, material: ceramic, color: wooden finish (SUBMIT SAMPLE FOR APPROVAL) |
| FF-4 | 600mm x 600mm Polished floor tiles, material: ceramic, color: white (SUBMIT SAMPLE FOR APPROVAL) |
| FW-1 | 300mm x 600mm Polished floor tiles, material: ceramic, color: plain white (SUBMIT SAMPLE FOR APPROVAL) |
| FW-2 | 300mm x 300mm Mosaic tile, finish: multi finish, material: glass/aluminum/ceramic , color: yexel blue (SUBMIT SAMPLE FOR APPROVAL) |

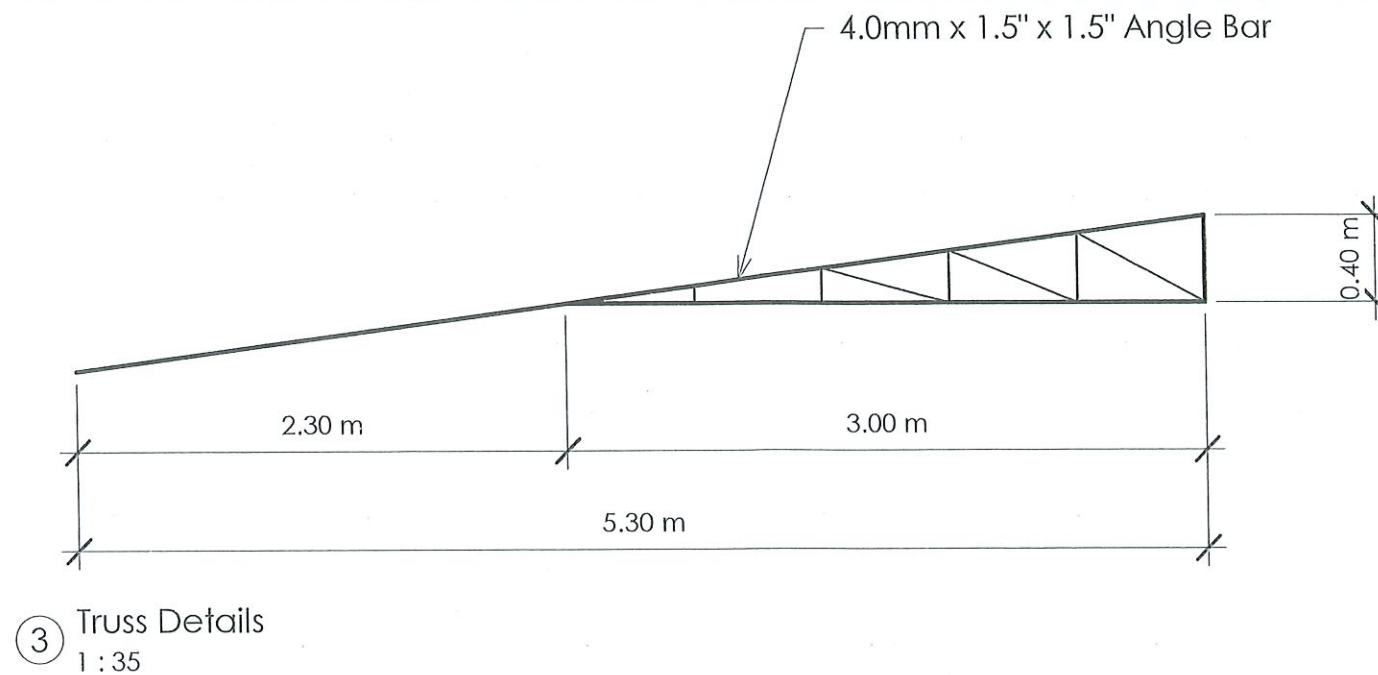
② Floor/Wall Finish
1 : 50



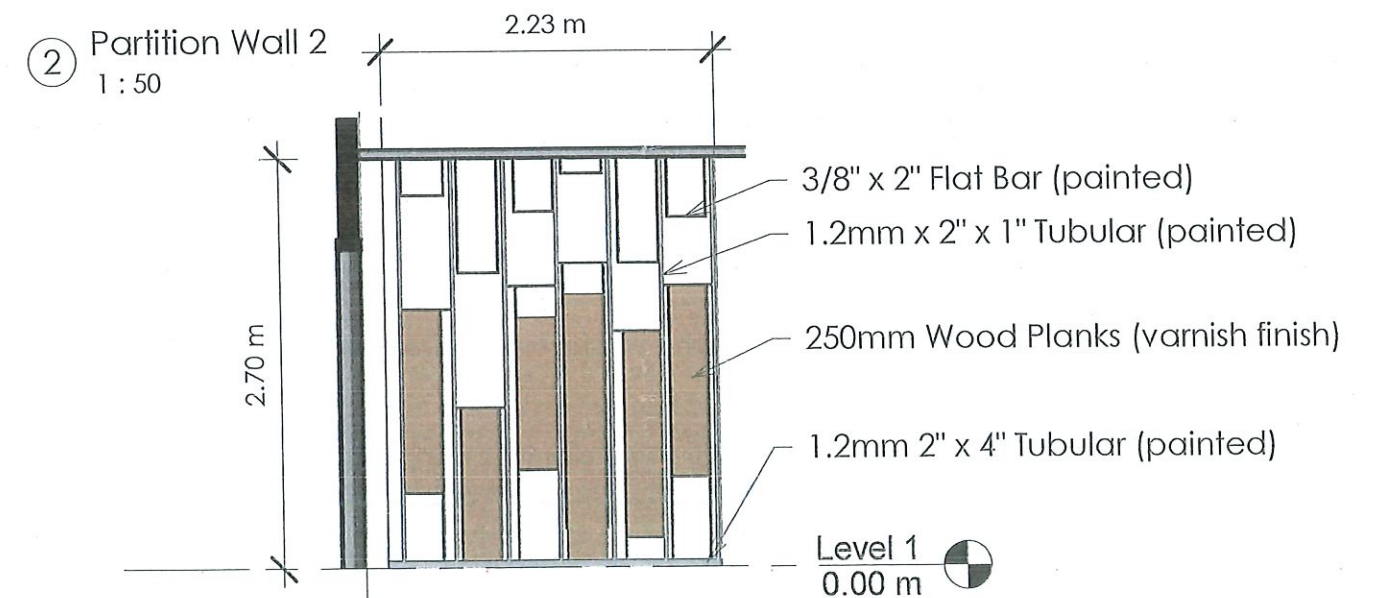
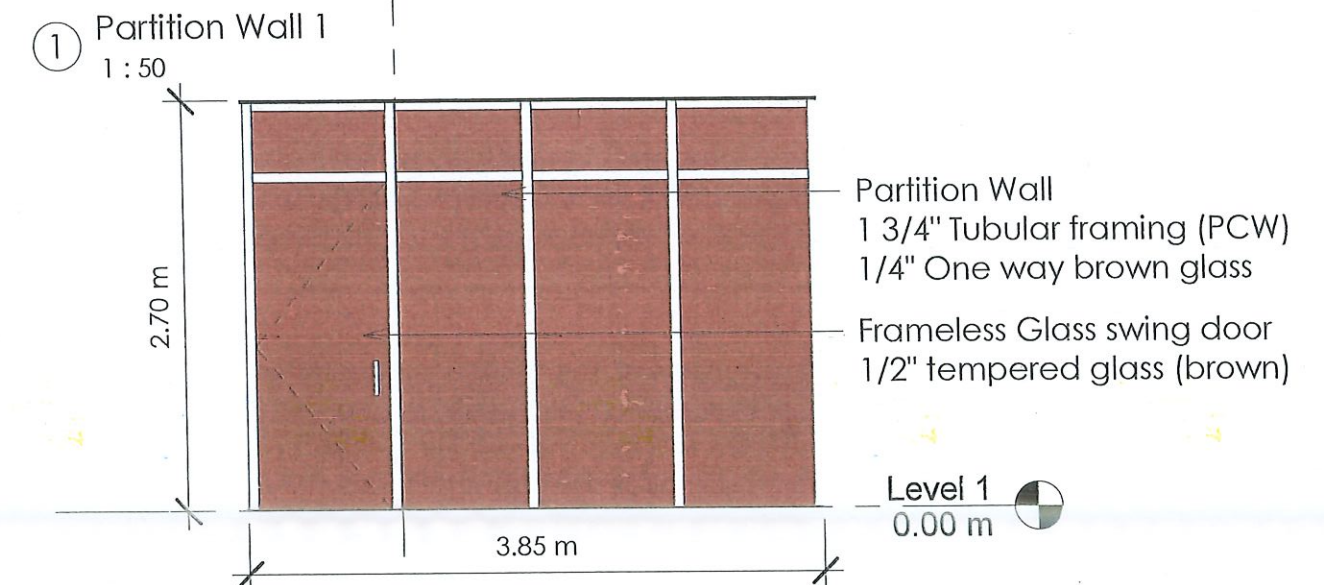
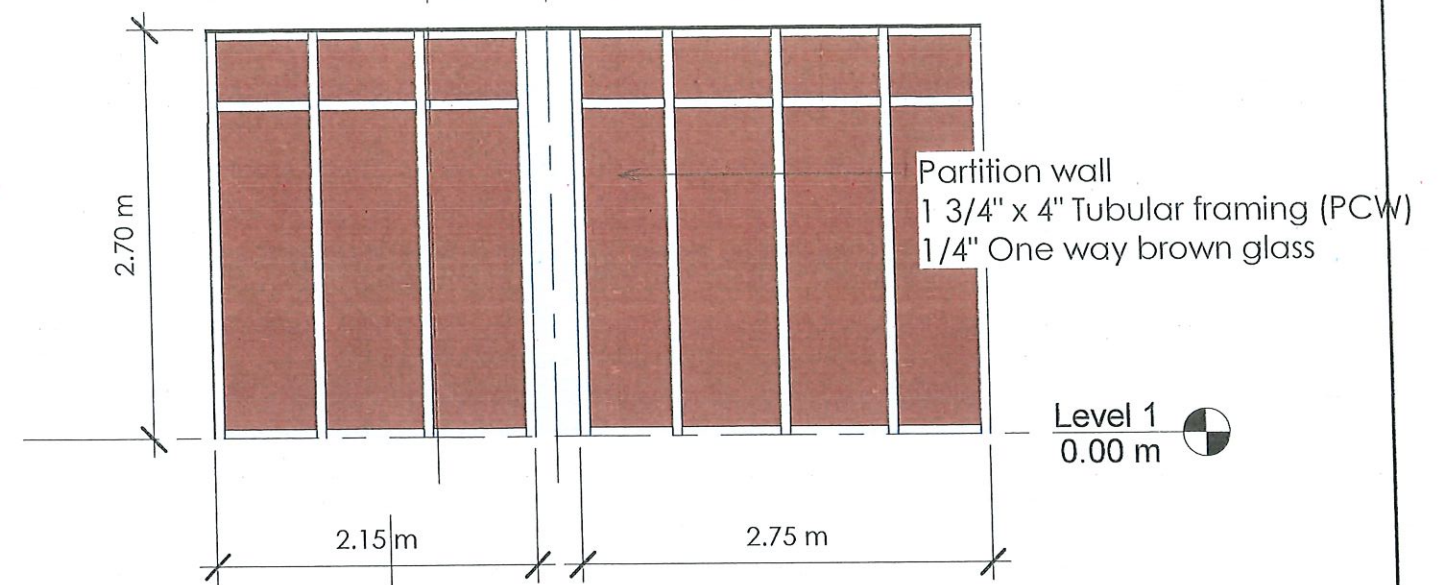
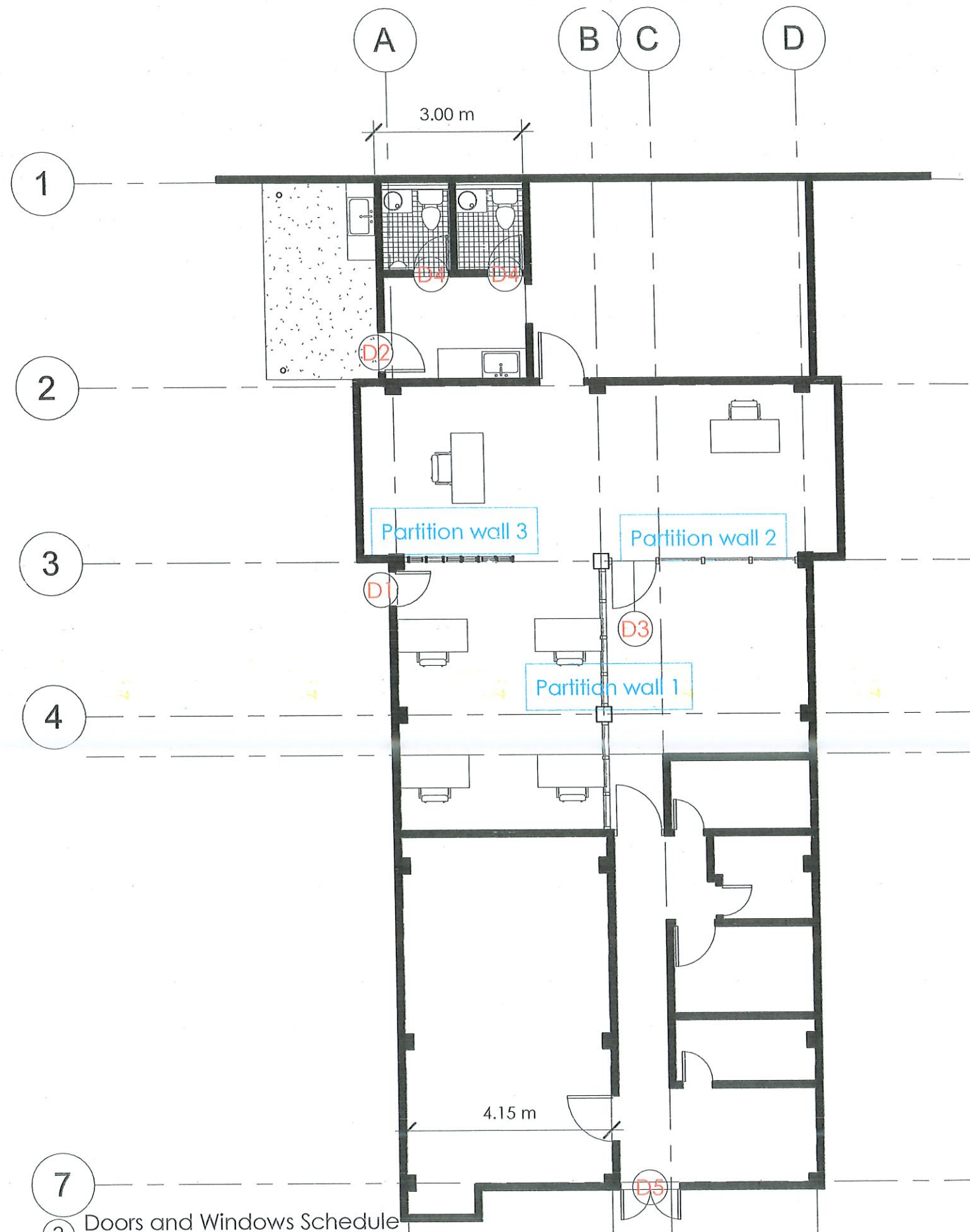
① Site Works - Extension
1 : 50



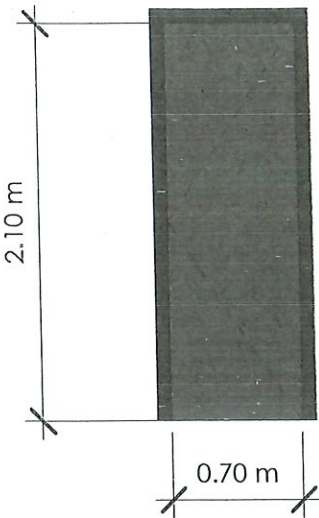
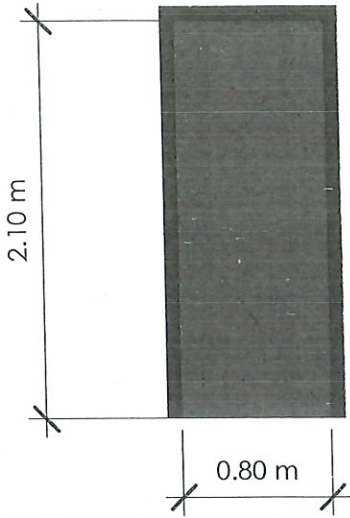
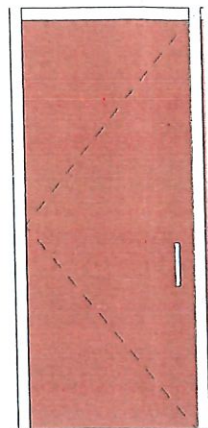
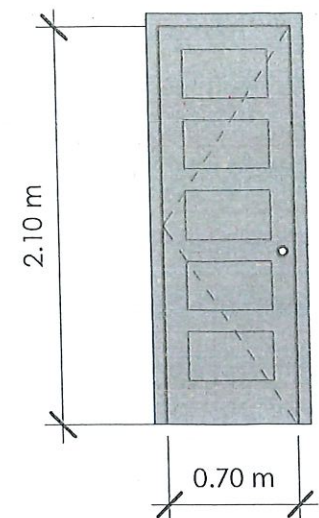
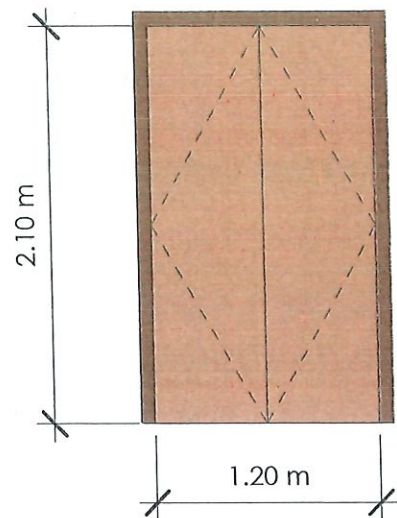
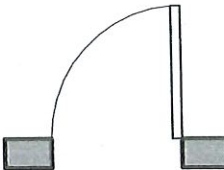
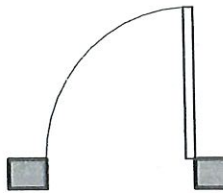
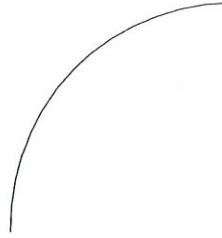
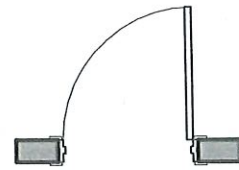
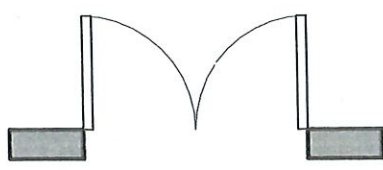
② Roofing Works
1 : 50







③ Truss Details
1 : 35

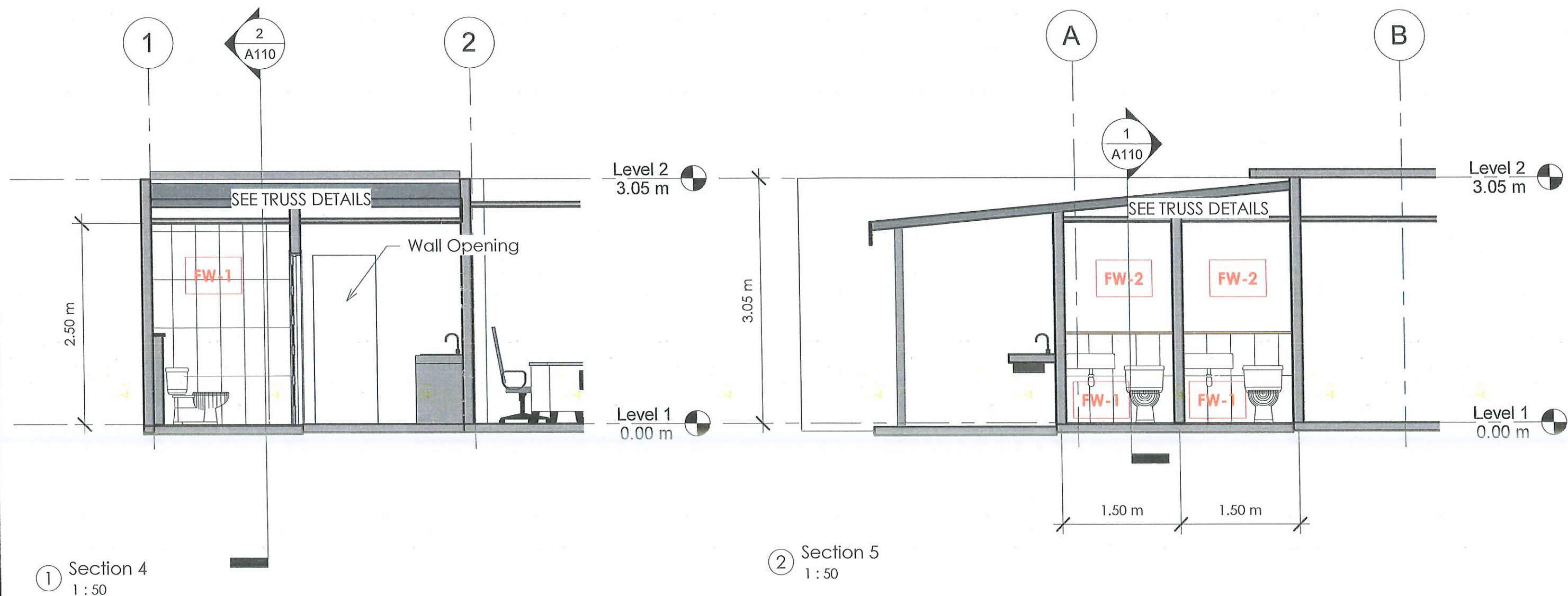


4 Partition Wall 3
1 : 50

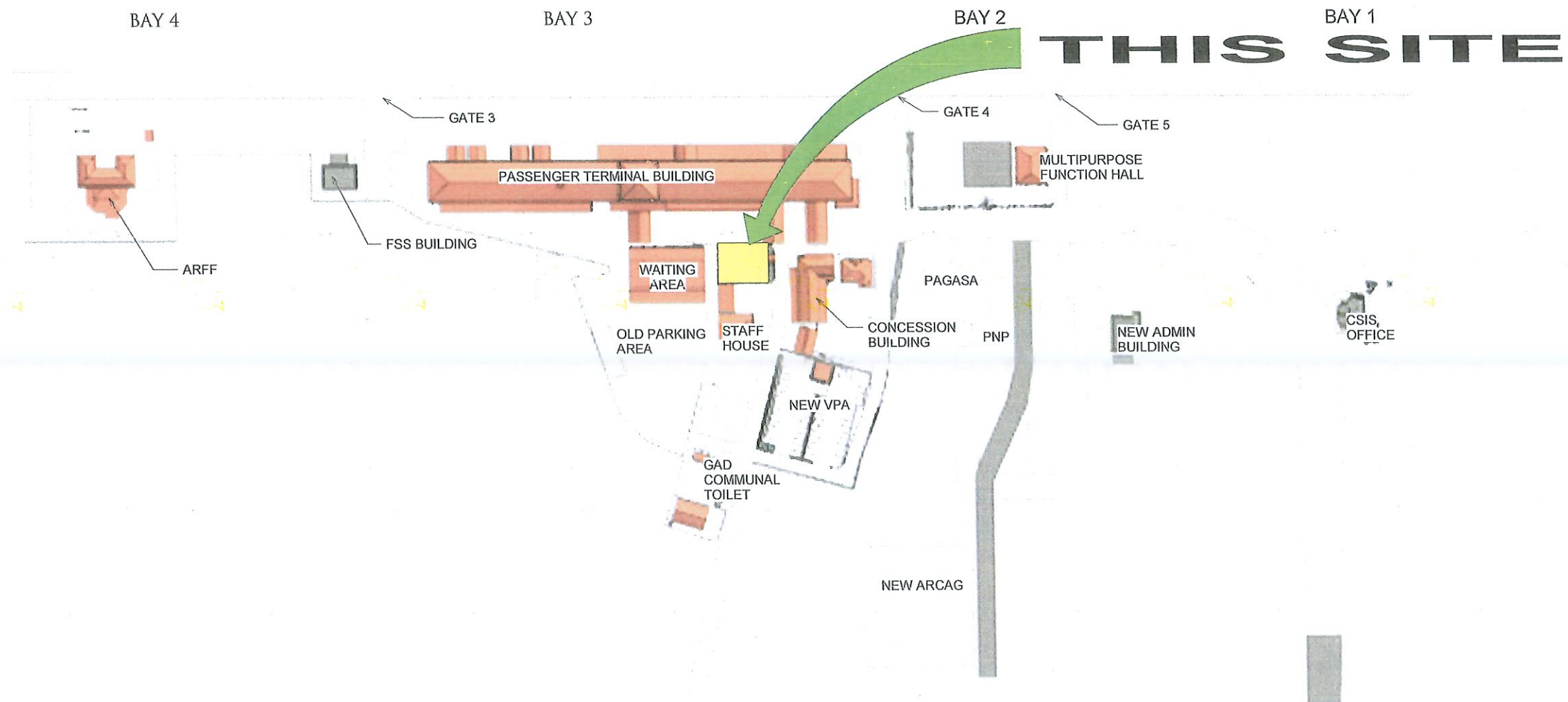
| | | | | |
|---|--|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
| D1 Single Leaf Steel Door | D2 Single Leaf Steel Door | D3 1/2" Tempered Glass Swing Door - Frameless | D4 Single Leaf PVC Door with louver | D5 Double Panel Door-paneled wood door |
| Dimension: 2100mm x 700mm | Dimension: 2100mm x 800mm | Dimension: 2100mm x 900mm | Dimension: 2100mm x 700mm | Dimension: 2100mm x 1200mm |
| No. of sets : 1 set | No. of sets : 1 set | No. of sets : 1 set | No. of sets : 2 sets | No. of sets : 1 set |
| Jamb: Steel frame (1.5mm) | Jamb: Steel frame | Jamb: 1 3/4" x 4" Tubular frame | Jamb: PVC jamb | Jamb: 2" x 4" lumber |
| Hardware: 1.5mm steel sheet door frame, chrome hinges | Hardware: Ball bearing hinge(4pc.) | Hardware: Heavy Duty Door Closer | Hardware: Ball bearing hinge(4pc.) | Hardware: Ball bearing hinge(8pc.), Bold Door latch |
| Door knob: Lever type(zinc alloy), Single cylinder deadbolt | Door knob: Lever type(zinc alloy), Single cylinder deadbolt | Door handle: Stainless steel 304 | Door knob: Stainless steel, satin | Door knob: Tubular knob (stainless), with single cylinder deadbolt |
| Finish: Plain matte finish, gray | Finish: Plain matte finish, gray | Finish: One way brown glass | Finish: Granite Gray | Finish: Painted Finish |

○ Doors Schedule
1 : 40

| | | | | |
|--|--|---|---|----------------------------|
|  REPUBLIC OF THE PHILIPPINES CIVIL AVIATION AUTHORITY OF THE PHILIPPINES | PREPARED :  RENZ ALDRINE A. CORPUZ Engineer | PROJECT TITLE: REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING AT LAOAG AIRPORT LOCATION: BRGY. 36 ARANIW, LAOAG CITY | APPROVED:  RONALD V. ESTABILLO CIVIL AVIATION AREA MANAGER, AREA 1 | SCALE: 1 : 40 |
| | CHECKED/VERIFIED:  JOEFFREY B. LAGADON Engineer II, FIC/BGM | | | Doors Schedule A106 |



RUNWAY



1 SITE DEVELOPMENT
PLAN
1:50



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILLIPINES

PREPARED:

ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
ENGINEER II/FC, BCM

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF OLD ADMIN
BUILDING

LOCATION/ADDRESS:

BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

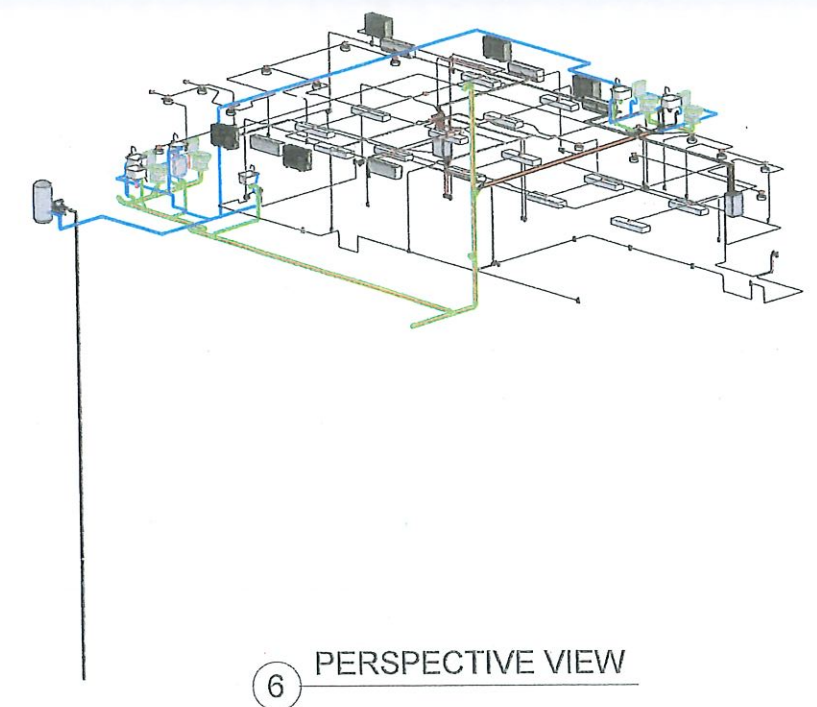
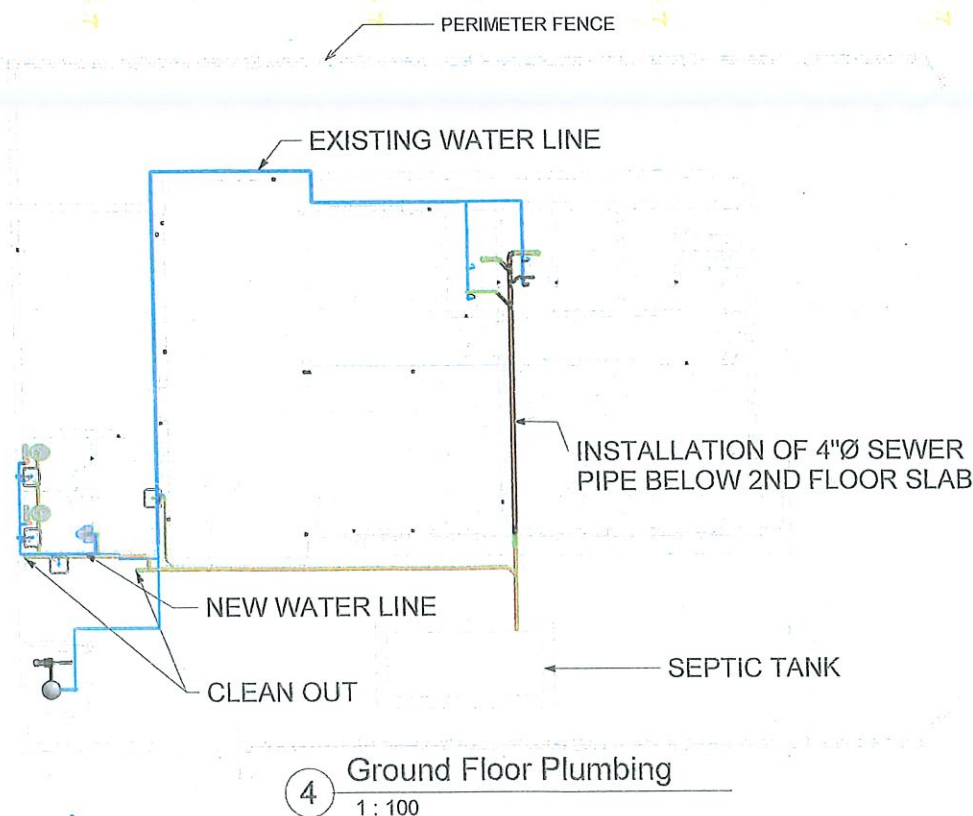
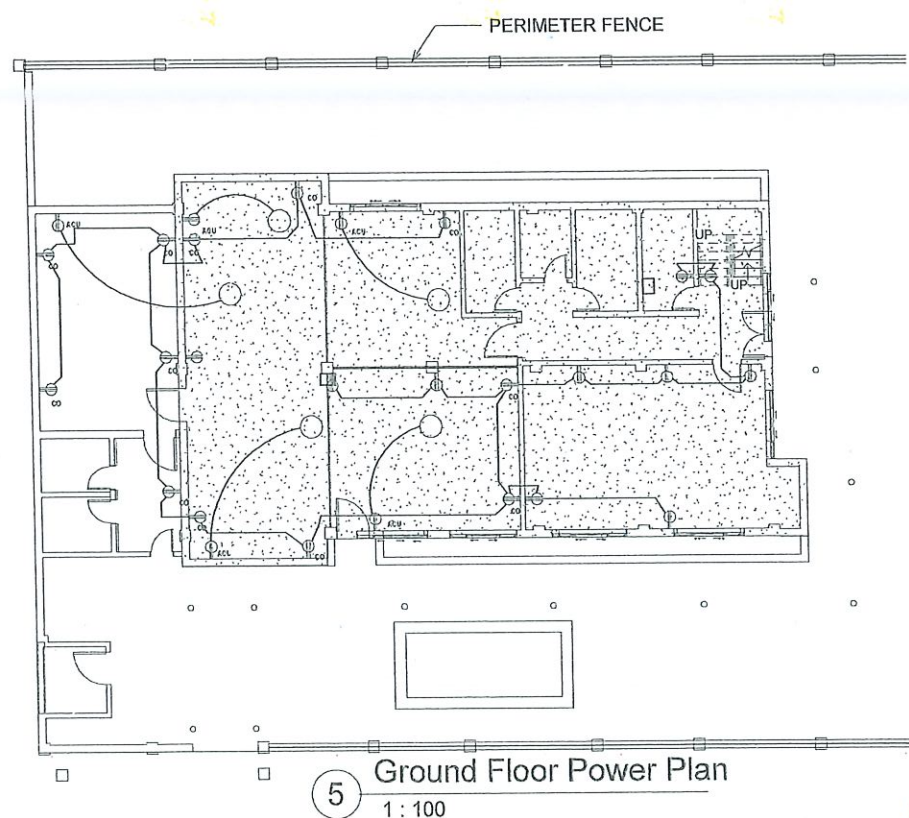
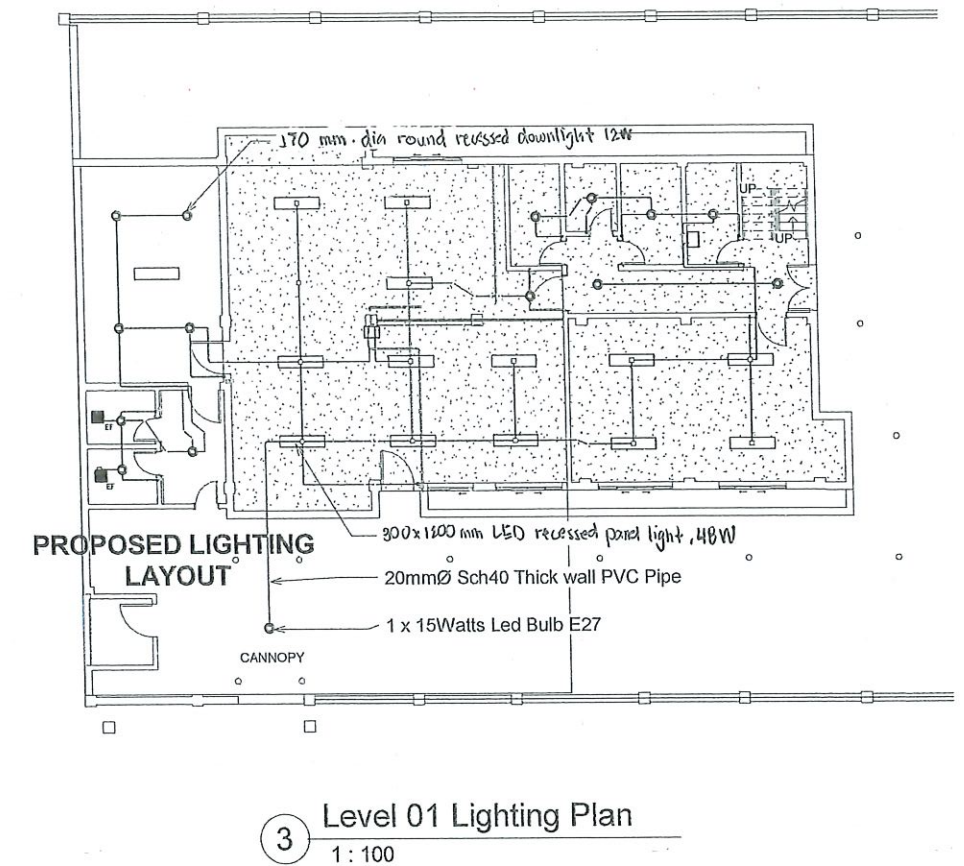
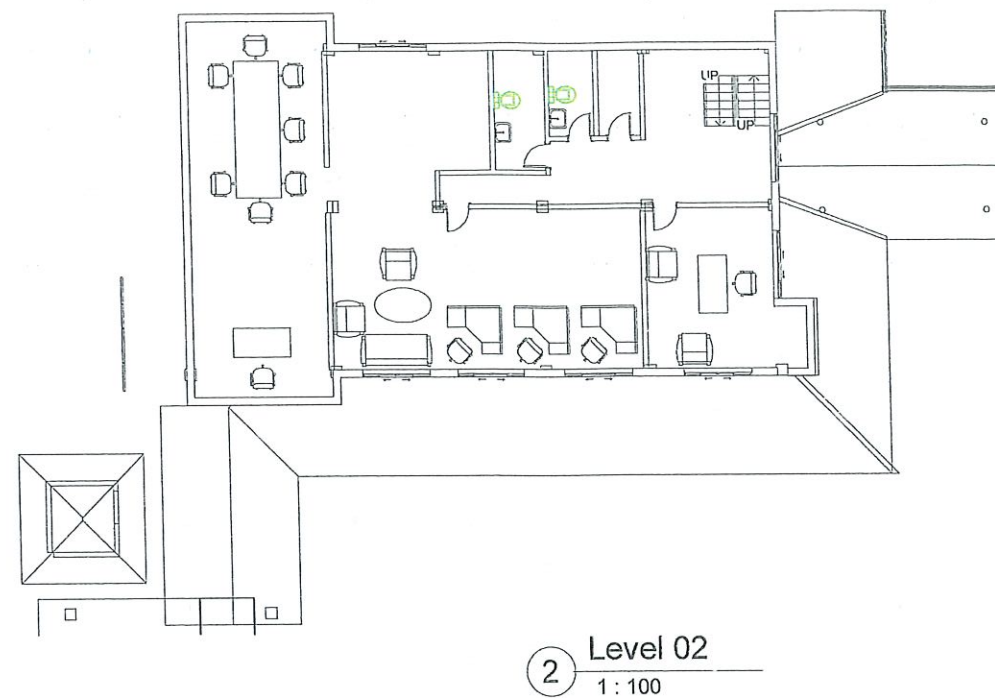
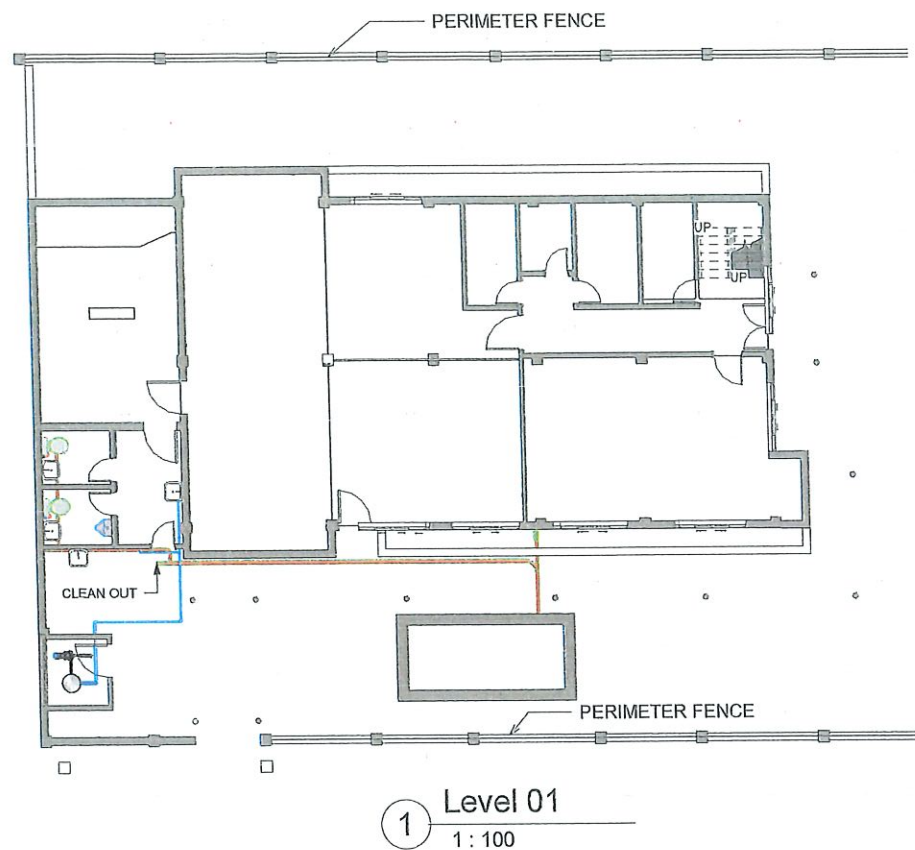
RONALDO U. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

MEPS PLAN

AR 001

SCALE 1:50



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILLIPINES

PREPARED:
ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED:
JOEFFREY B. LAGADON
ENGINEER W/EIC-BGM

PROJECT TITLE:
REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING

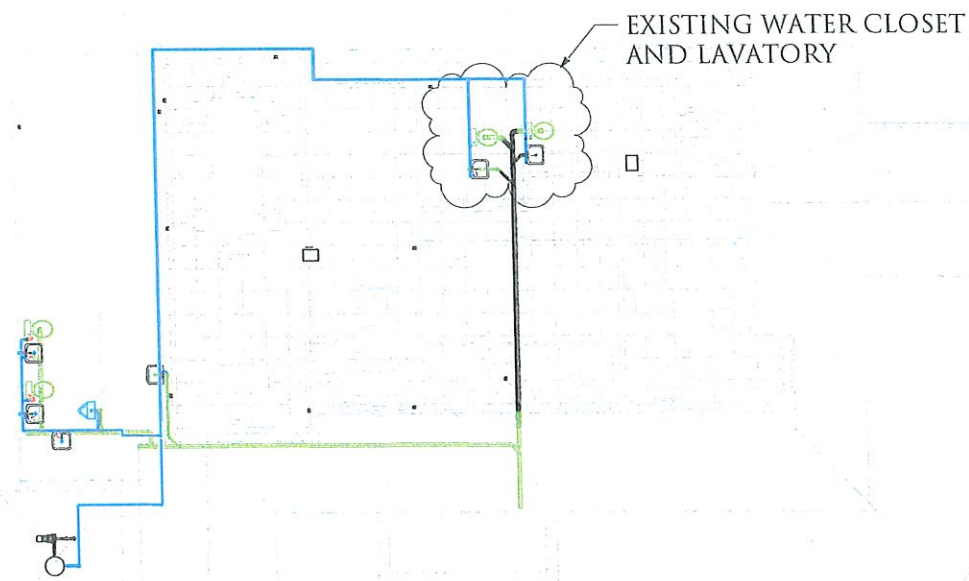
LOCATION/ADDRESS:
BRGY 36 ARANIW, LAOAG INTERNATIONAL AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

RONALD V. ESTABILLO
CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

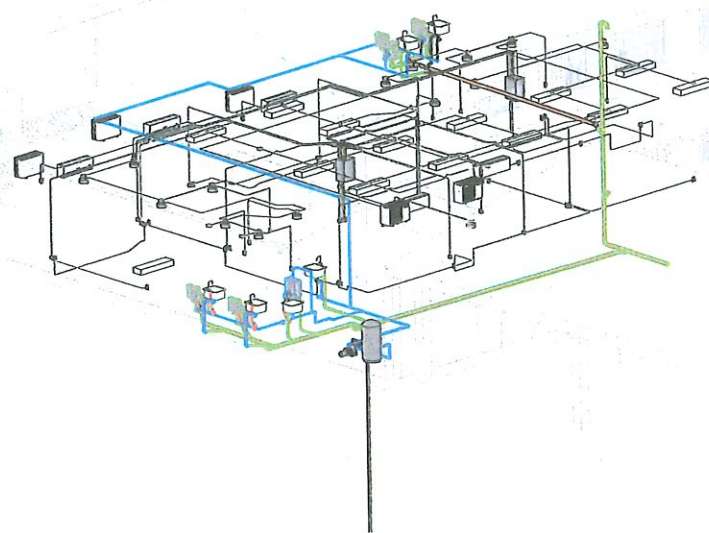
MEPS PLAN

MEP 001

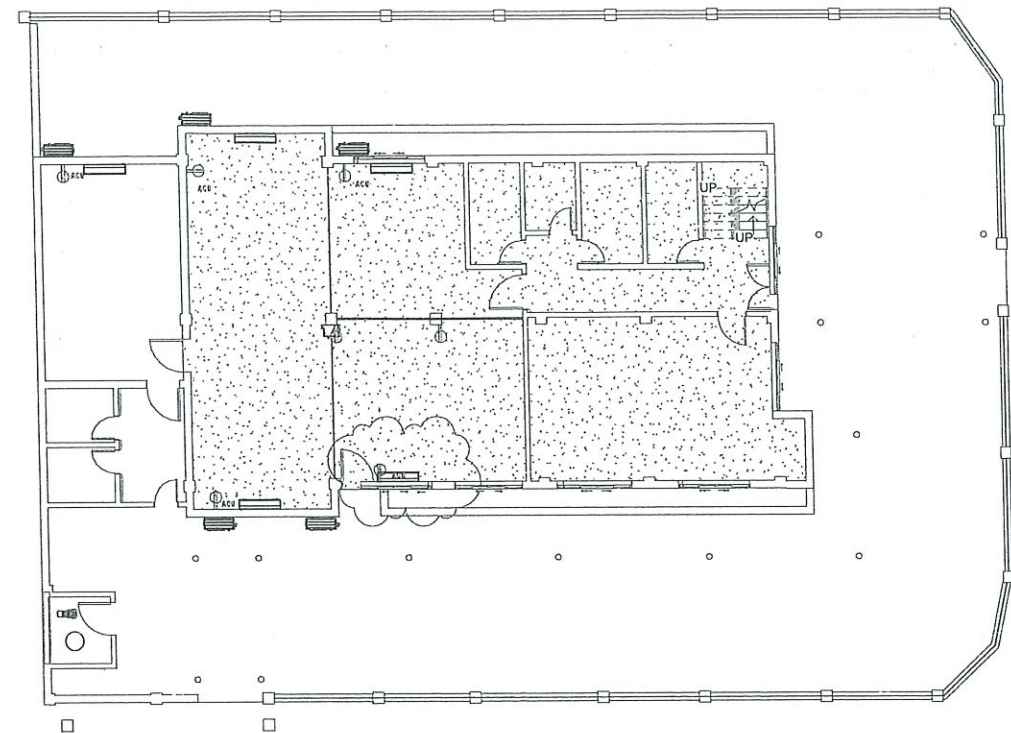
SCALE 1 : 100



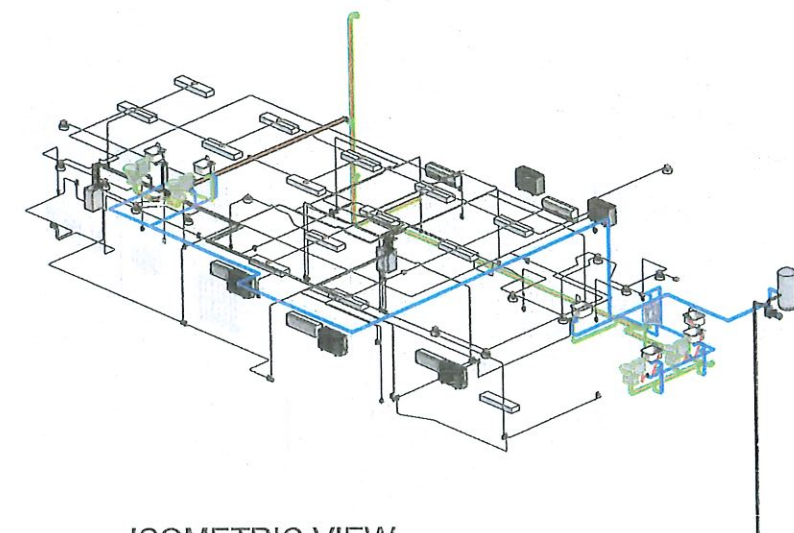
1 2nd Floor Plumbing
1 : 100



3 ISOMETRIC VIEW



2 LEVEL 01 ACU
1 : 100



4 ISOMETRIC VIEW
(COORDINATION)



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILLIPINES

PREPARED:

ROMUALDO U. BAYANGOS
ENGINEER

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ENGINEER I/JIC-BGM

PROJECT TITLE:

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LOCATION/ADDRESS:

BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

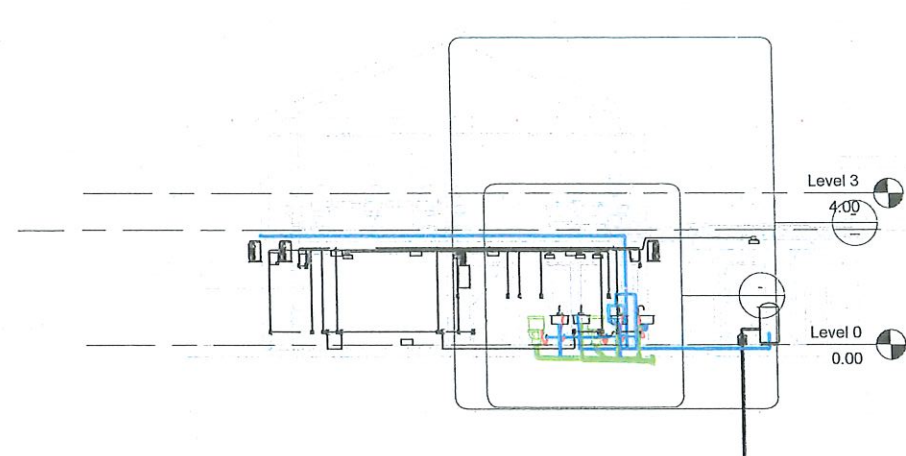
RONALD V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

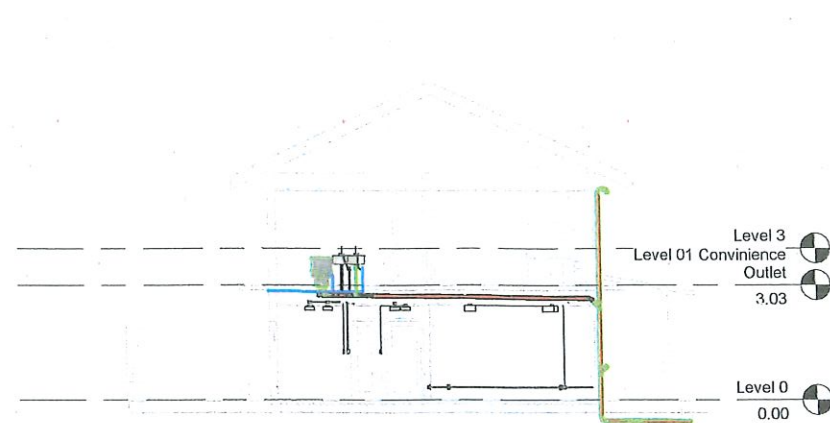
MEPS PLAN

MEP 002

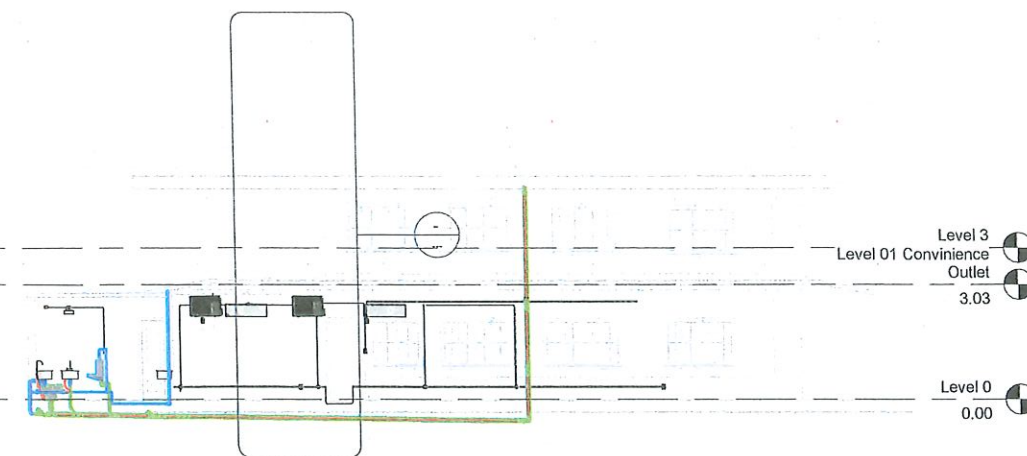
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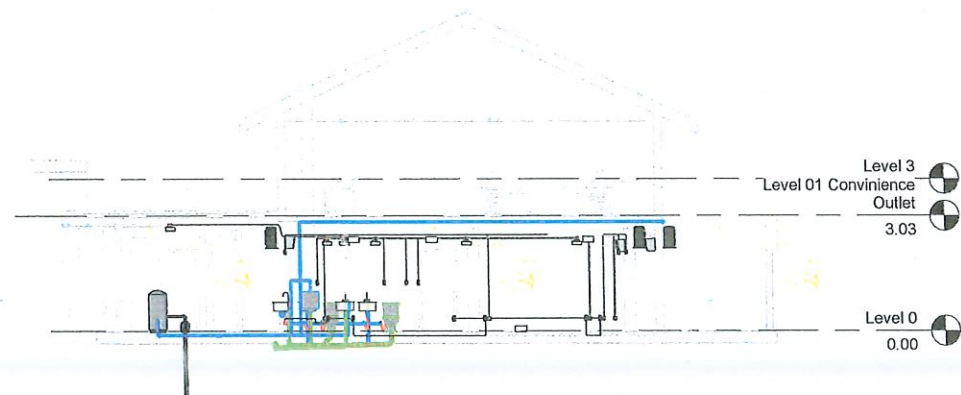
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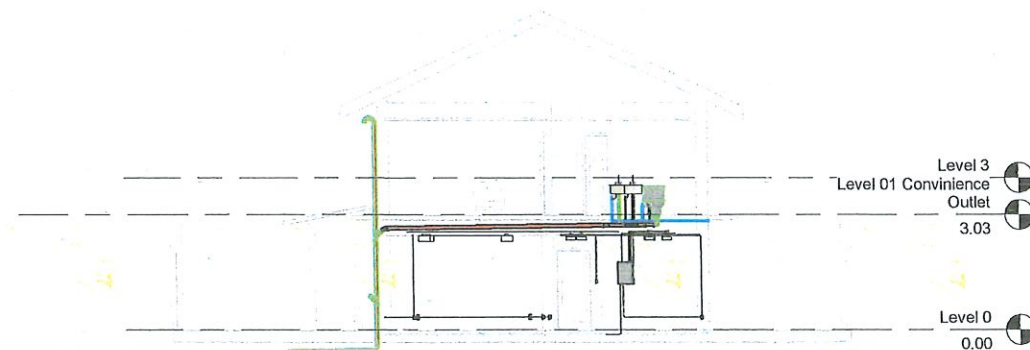
2 Cross Section 02
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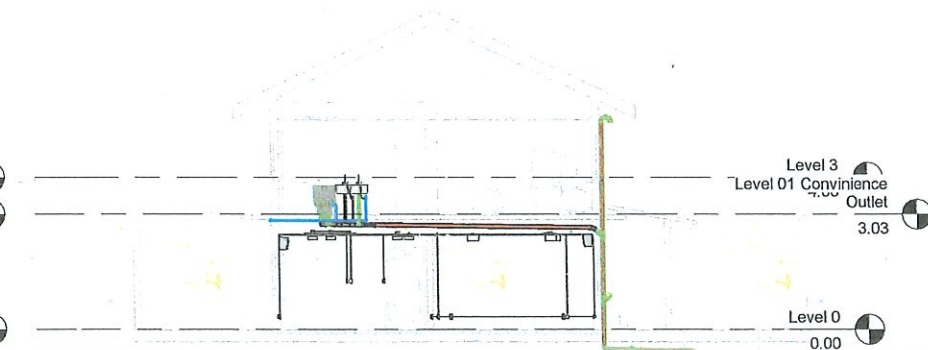
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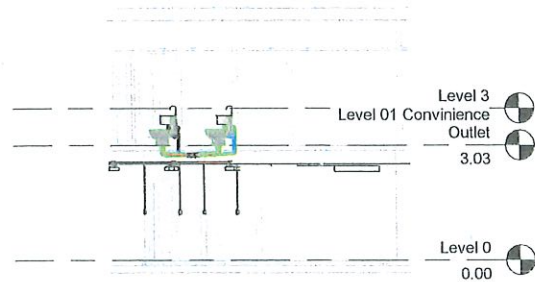
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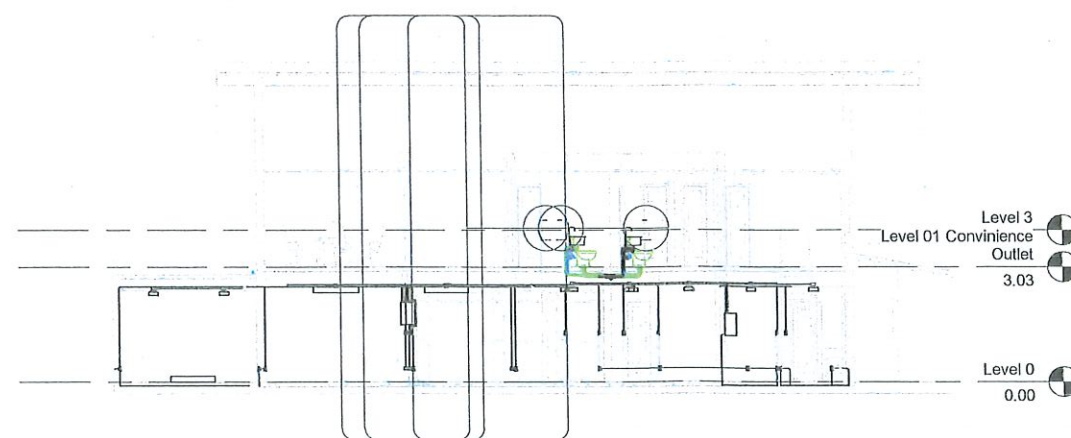
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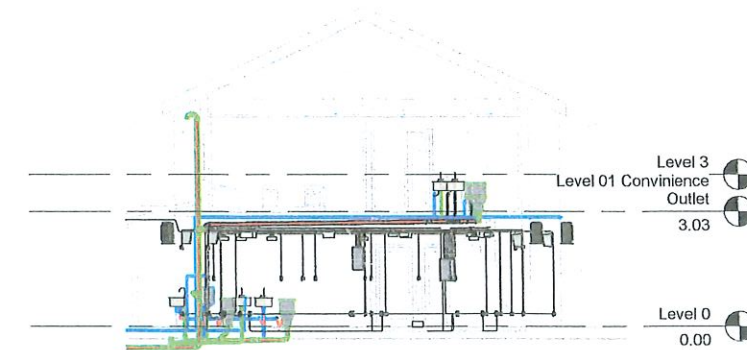
6 Cross Section 06
1 : 100



7 Cross Section 07
1 : 100



8 Cross Section 08
1 : 100



9 Cross Section 09
1 : 100



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:

ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
ENGINEER I/FIC-BGM

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF OLD ADMIN
BUILDING

LOCATION/ADDRESS:

BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

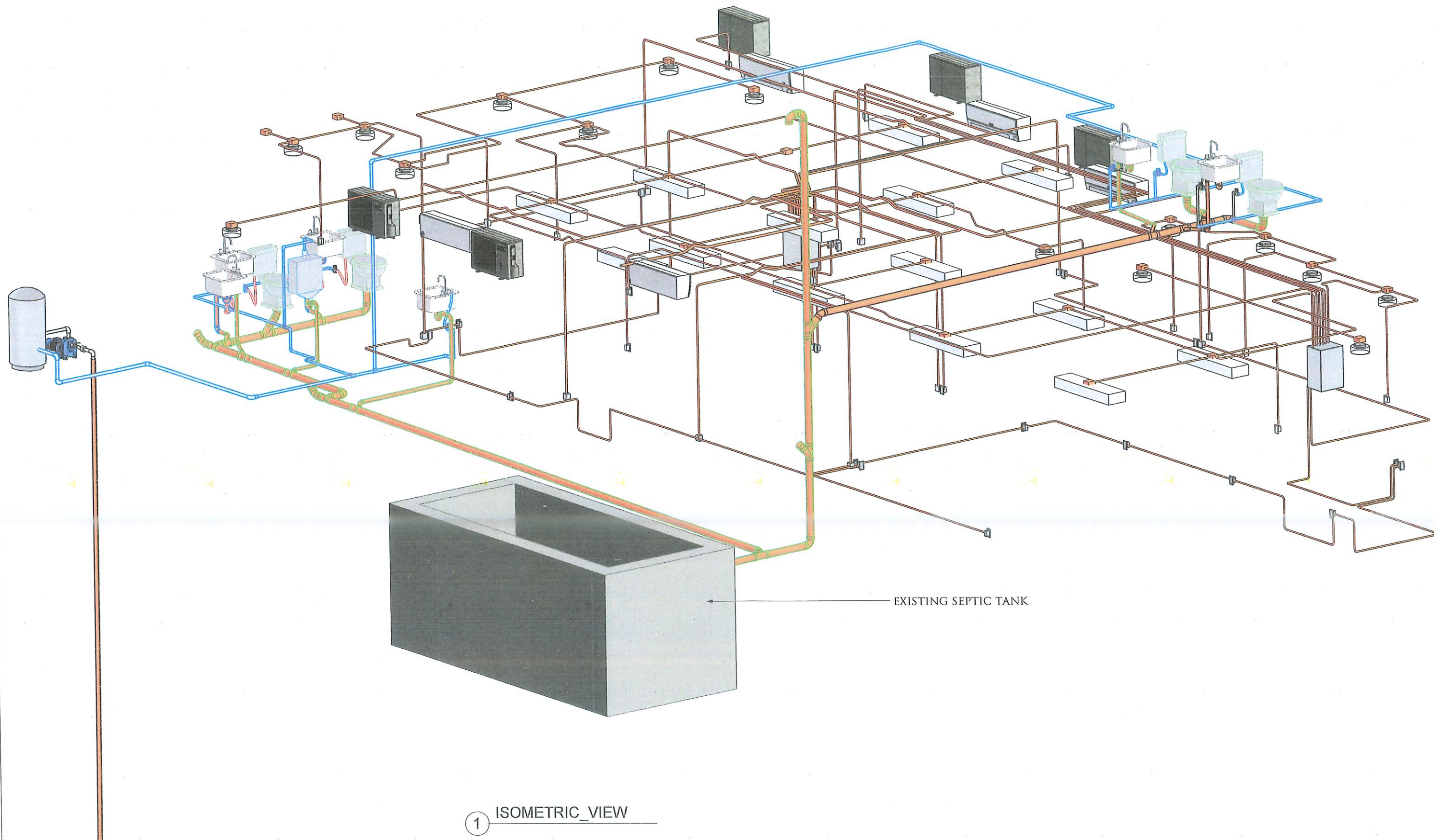
RONALD V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

MEPS PLAN

MEP 003

SCALE: 1 : 100



1 ISOMETRIC_VIEW



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: *[Signature]*
ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED: *[Signature]*
JOEFFREY B. MAGADON
ENGINEER II/FIC - BGM

PROJECT TITLE:
REHABILITATION/IMPROVEMENT OF OLD ADMIN
BUILDING

LOCATION/ADDRESS:
BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

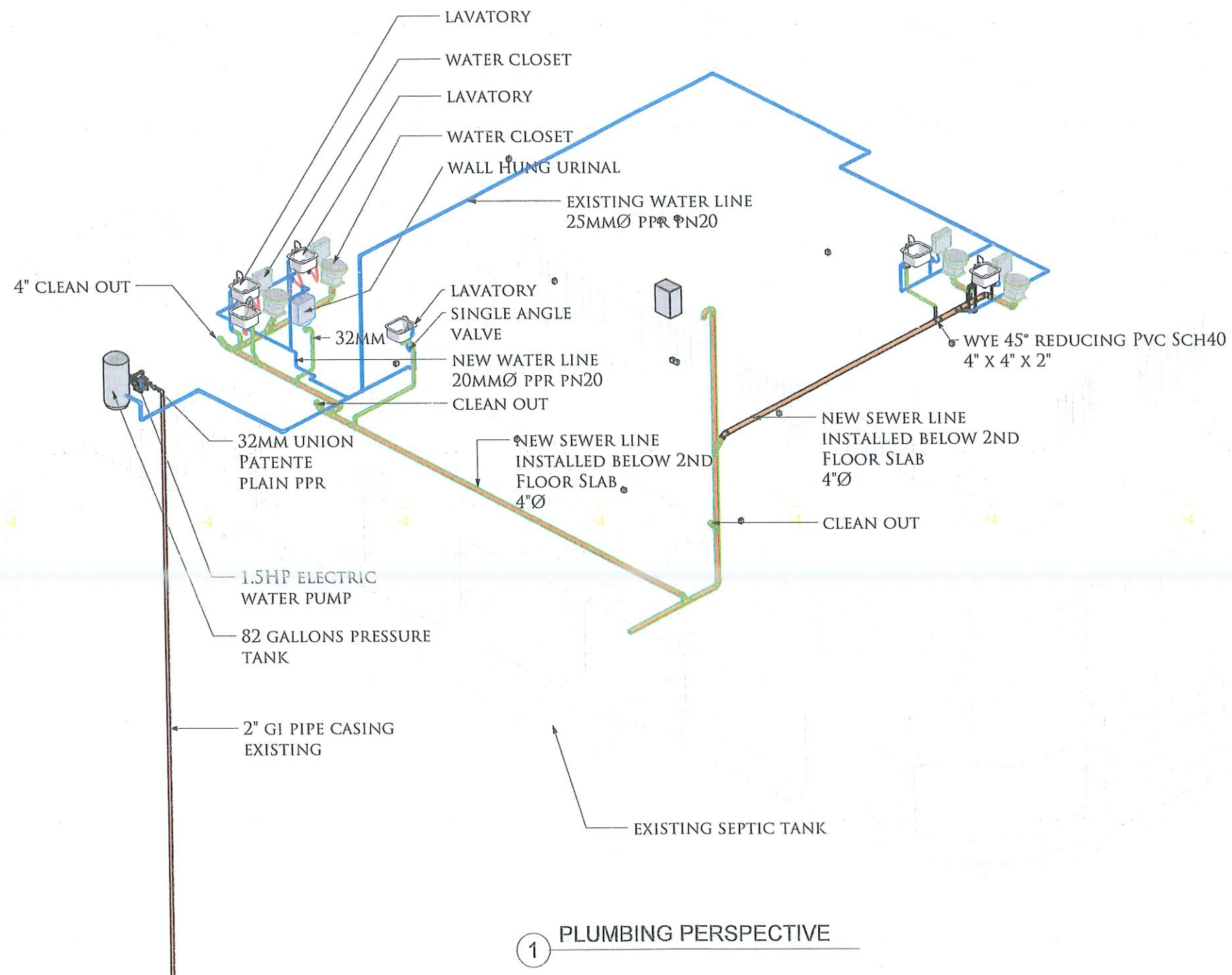
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RONALD V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

MEPS PLAN

MEP 004

SCALE



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILLIPINES

PREPARED:

ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
ENGINEER III/FIC-BGM

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING

LOCATION/ADDRESS:

BRGY 36 ARANIW, LAOAG INTERNATIONAL AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

RONALD V. ESTABILLO
CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

MEPS PLAN

MEP 005

SCALE 1 : 100

300mm x 1200mm LED recessed Panel Light 48 Watts

Wattage: 12Watts
Color: Daylight
Mounting: Recessed
Size: 6 Inches



Lighting technology used:
Light source cap-type (or other electric interface)
Mains or non-mains:
Colour-tuneable light source:
High luminance light source:
Anti-glare shield:

LED Non-directional or directional: NDLS
E27
MLS Connected lightsource (CLS): No
No Envelope: -
No Dimmable: Only with specific dimmers



1 LIGHTING FIXTURE
1 : 100





| | |
|---|---------|
| 6" Round Recessed Downlight 12Watts | 8 sets |
| 1 Gang Lighting Switch with Plate | 3 sets |
| 2 Gang Lighting Switch with plate | 2 sets |
| 2 Gang Convenience Outlet with Plate | 14 sets |
| 2.0mm ² thhn copper wire | 1 roll |
| 3.5mm ² thhn copper wire | 1 roll |
| 5.5mm ² thhn copper wire | 1 roll |
| 300x1200mm LED Recessed Panel Light 48Watts | 11 sets |
| 4 x 4 Receptacle | 1 pc |
| 20mmØ sch40 PVC thick wall | 10 pcs |
| Electric Stove 2500watts | 1 units |
| Exhaust Fan 10" Ceiling Mounted | 2 units |
| Exhaust Fan 12" wall Mounted | 1 units |
| 2.5HP AC Split Type | 1 set |
| 1.5HP Electric Motor | 1 Unit |
| 82Gallons Pressure Tank (Stainless) | 1 Unit |
| 25mmØ PN20 PPR | 2 pcs |
| 20mmØ PN20 PPR | 2 pcs |
| Threaded PPR Elbow 20mmØ | 4 pcs |
| Plain Tee PPR 25mm | 7 pcs |
| Plain Elbow PPR 25mm | 8 pcs |

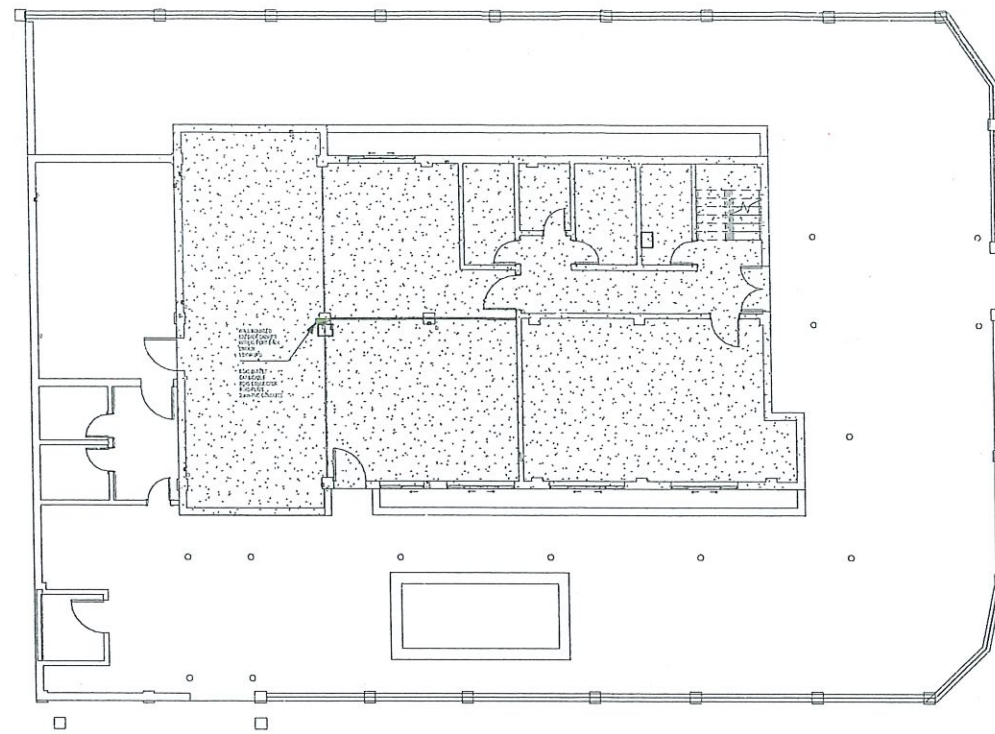
| | |
|--------------------------|--------|
| Sewer pipe 4"Ø | 14 pcs |
| Sewer Pipe 2"Ø | 5 pcs |
| Clean Out 4" | 3 pcs |
| End Cap with thread 4" | 3 pcs |
| Wye 45° Reducing 4" x 2" | 7 pcs |
| Wye 45° 4" | 9 pcs |
| Elbow 45° 4" | 2 pcs |
| Elbow 90° 4" | 7 pcs |
| Elbow 45° 2" | 2 pcs |
| Elbow 90° 2" | 9 pcs |
| P-Trap 2" | 6 pcs |

| | |
|---------------------------------|---------|
| CAT6 Data Cable | 1 roll |
| Smole Detector Battery Operated | 9 units |
| 25mmØ Sch40 PVC Conduits | 35 pcs |
| 12U Data Cabinet | 1 unit |
| 1.5KVA UPS | 1 unit |
| Data Outlet with plate | 12 sets |
| Telephone Outlet | 1 set |
| PVC Moulding | 15 pcs |

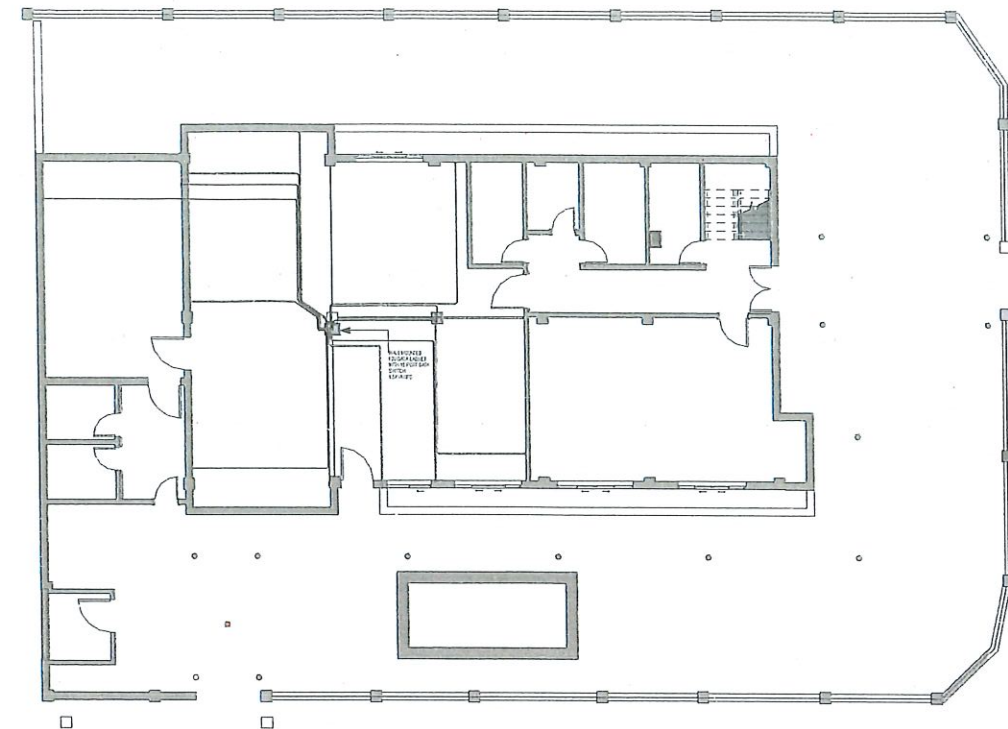
Note: For other list of materials not shown. Please verify in the Program of Works attached.....

2 LIST OF MATERIALS
1 : 100

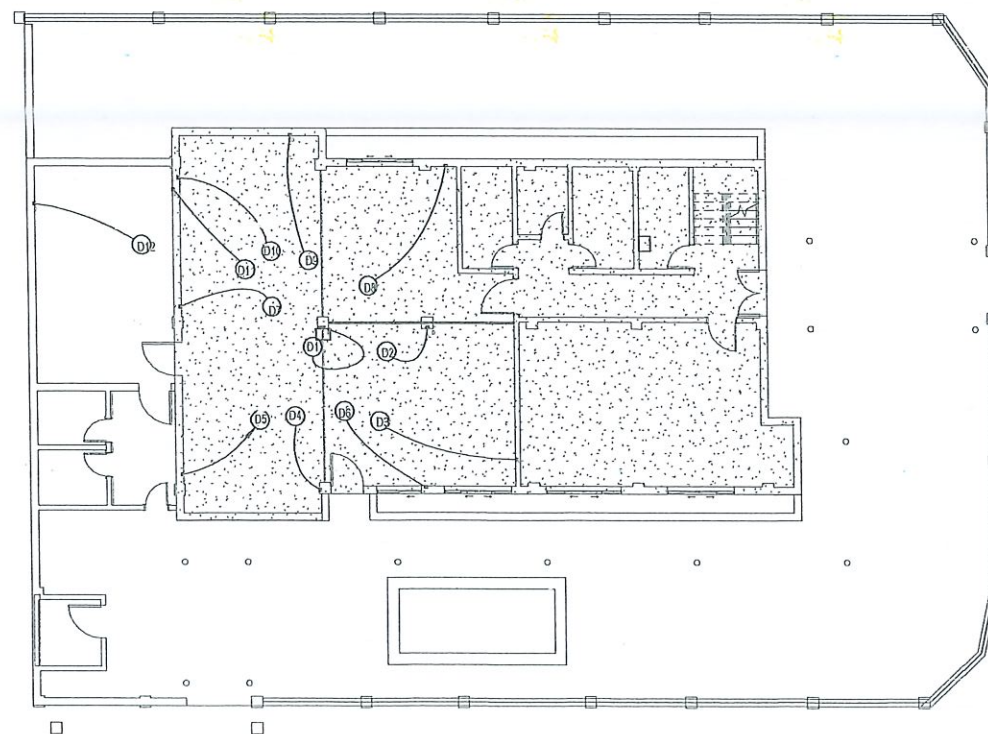
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|---|---|---|--|-----------|
|  Republic of the Philippines CIVIL AVIATION AUTHORITY OF THE PHILLIPINES | PREPARED:  ROMUALDO U. BAYANGOS ENGINEER | PROJECT TITLE: REHABILITATION/IMPROVEMENT OF OLD ADMIN BUILDING |  RONALD WESTABILLO CIVIL AVIATION AREA MANAGER, AREA 1 HEAD, CLUSTER AREA CENTER 1 | MEPS PLAN |
| | CHECKED/VERIFIED:  JOEFFREY B. MAGADON ENGINEER I/FIC-BGM | LOCATION/ADDRESS: BRGY 36 ARANIW, LAOAG INTERNATIONAL AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE | | MEP 006 |
| | SCALE: 1 : 100 | | | |



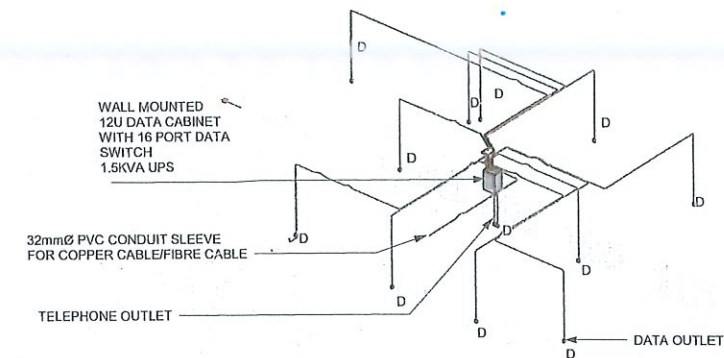
Ground Floor Data Outlet
① Plan
1:100



Ground Floor Data Conduit
② Plan
1:100



Ground Floor Data Outlet
③ Layout Plan
1:100



④ DATA PERSPECTIVE



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: *Romualdo U. Bayangos*
ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED: *Joeffrey B. Lagadon*
JOEFFREY B. LAGADON
ENGINEER W/IC-BGM

PROJECT TITLE:
REHABILITATION/IMPROVEMENT OF OLD ADMIN
BUILDING
LOCATION/ADDRESS:
BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

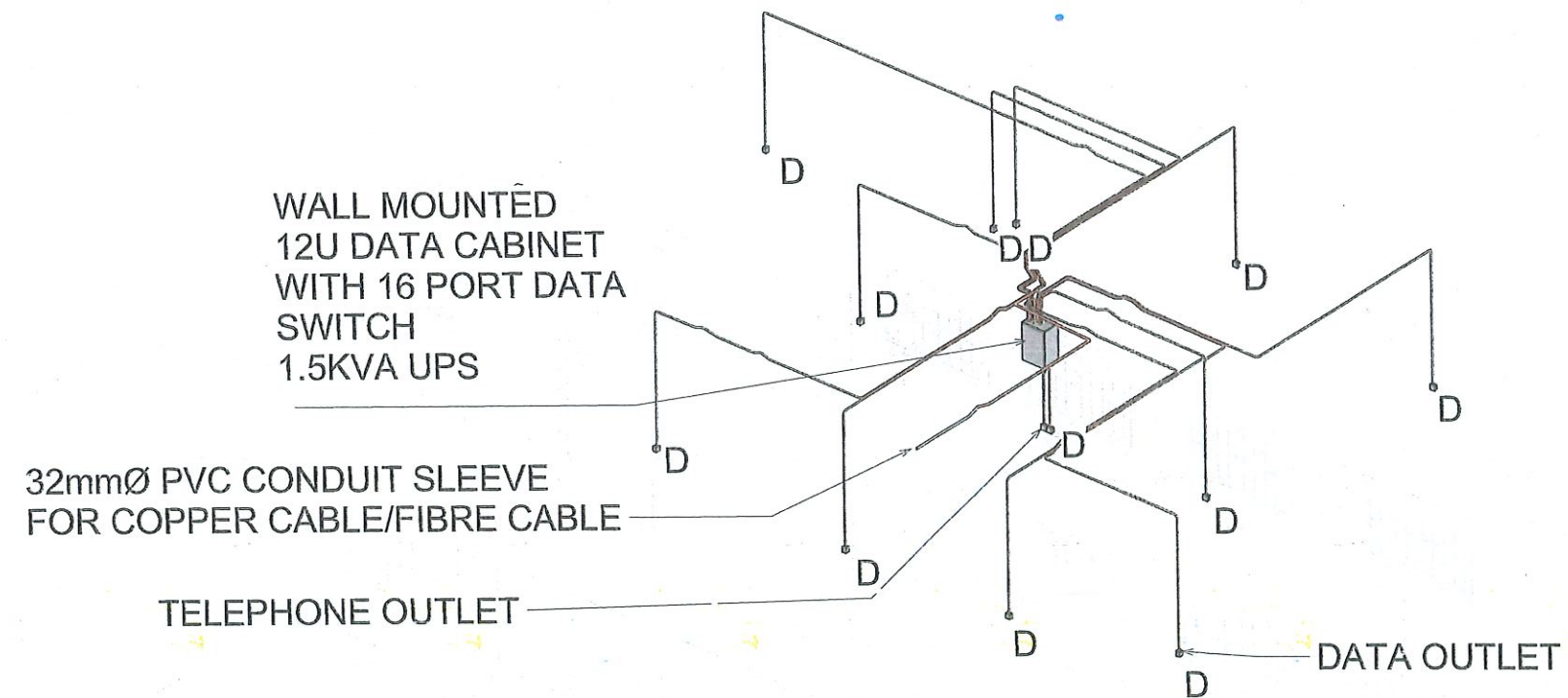
Ronald C. Estabillo
RONALD C. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

DATA PLAN

MEP 007

SCALE 1:100



1 DATA PERSPECTIVE 2



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:

ROMUALDO U. BAYANGOS
ENGINEER

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
ENGINEER II/FC-BGM

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF OLD ADMIN
BUILDING

LOCATION/ADDRESS:

BRGY 36 ARANIW, LAOAG INTERNATIONAL
AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

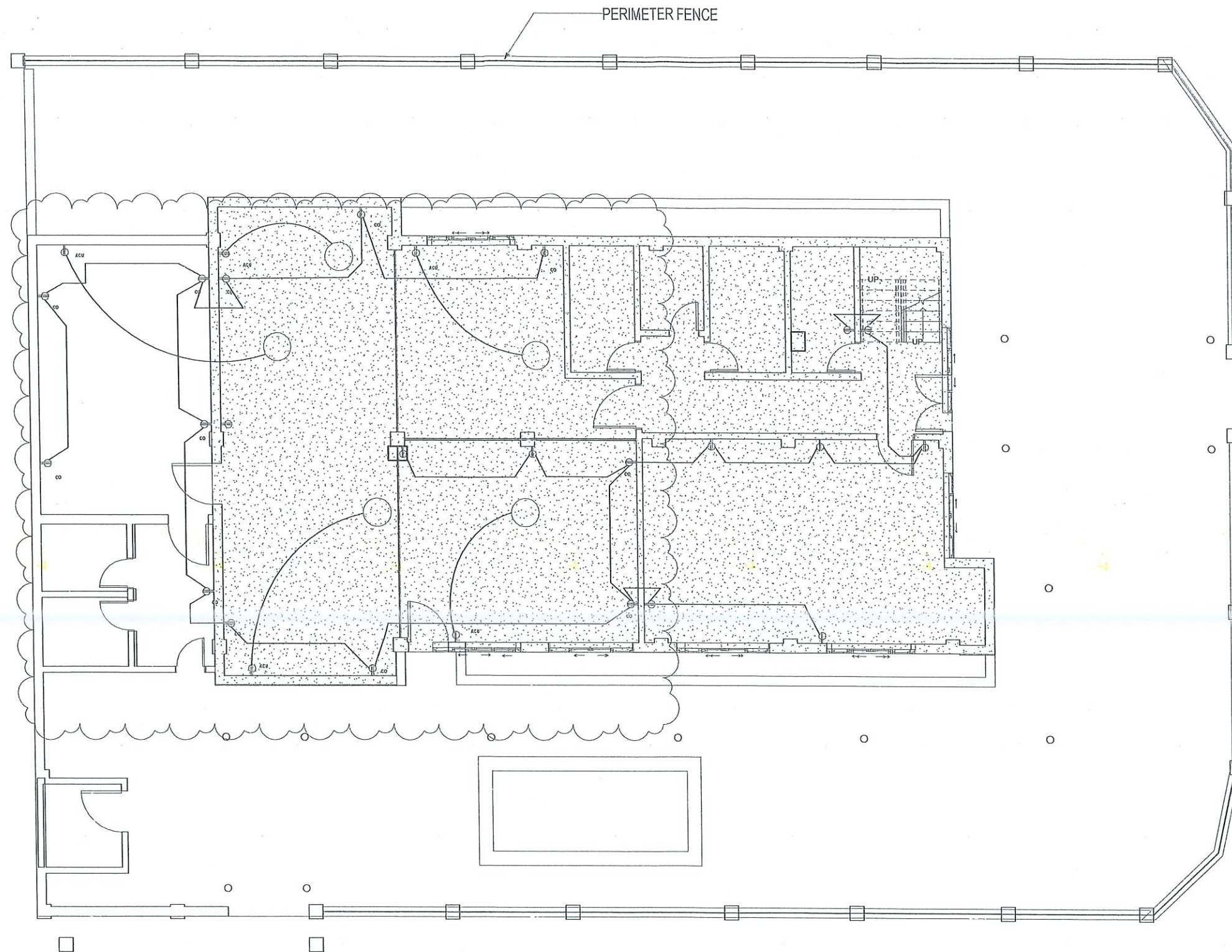
RONALDO V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

DATA PLAN

MEP 008

SCALE



Ground Floor Power Plan
 ① (Enlarged)
 1:50



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:
 ROMUALDO U. BAYANGOS
 ENGINEER

CHECKED/VERIFIED:
 JOEFFREY B. LAGADON
 ENGINEER II/FIC-BGM

PROJECT TITLE:
 REHABILITATION/IMPROVEMENT OF OLD ADMIN
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LOCATION/ADDRESS:
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 AIRPORT, LAOAG CITY, 2900 ILOCOS NORTE

RONALD V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
 HEAD, CLUSTER AREA CENTER 1

MEPS PLAN (Enlarged)

MEP 010

SCALE: 1:50