



BID BULLETIN No.4

22 August 2025 (Friday)

BIDDING NO.:	TITLE/DESCRIPTION:
IB25-414804-01	“ONE (1) LOT LUMP SUM CONTRACT FOR THE COMPLETION OF UNFINISHED WORKS FOR THE CONSTRUCTION OF THE FOURTEEN-STOREY NEW TRAINING BUILDING, SITE DEVELOPMENT, AND VARIOUS SITE IMPROVEMENTS, INCLUDING SUPPLY AND INSTALLATION OF DESIGN FIT-OUTS, FURNISHINGS, AND FIXTURES AT THE DAP CONFERENCE CENTER IN TAGAYTAY CITY”
APPROVED BUDGET CEILING (ABC):	
PHP1,740,000,000.00	
DATE OF PRE-BID CONFERENCE	
29 July 2025 (Tue); 1:00 PM	

This Bid Bulletin No. 04 is issued to clarify items and provisions in the Official Bidding Documents (OBD) for the above-stated project for the information of all concerned, as approved by the BAC and TWG. Accordingly, this shall form an integral part of the OBD.

1. On the queries of **MILLENNIUM ERECTORS CORPORATION**, the following are the clarifications/answers:

Reference	QUERIES	Responses/Clarifications
Architectural Plans	1. Provide details for Sun Deck.	Refer to Drawing Sheets Nos.: a. A1-7e; b. A1-7l; c. A1-8e; d. A1-14a; and e. FFE-1e.
Structural Plans	2. Provide SOG Details of Engineering Building.	Refer to Drawing Sheets Nos.: a. A2-1k; b. S-1; c. S-1a; and d. S-2.
Structural Plans	3. Provide SOG details of receiver area in Main Building.	Refer to Drawing Sheets Nos. S-1, and S-40.
Structural Plans	4. Provide Structural Details of Retaining Wall and Perimeter Fence as per BOQ item 32.5.	Refer to Updated Drawing Sheets Nos.: a. A0-1b Site Development Plan; b. A0-1c Building Site Development Plan; c. A0-1d Site Blow Up Plan; d. S2-2 Perimeter Fence Layout & Details; and e. S-10 Fence Details.
Specialties	5. Provide the Drawing & Details for all Scope under Div. 10.	Refer to Drawing Sheets Nos.: a. A1-5l; b. A1-5m; c. A1-10a to A1-10s; and d. A1-13a to A1-13k.



Reference	QUERIES	Responses/Clarifications
Plumbing Plans	6. Provide the Drawing Plan for STP Automation System for Sewage Treatment Plant.	<p>For STP Plumbing Plans, refer to:</p> <ul style="list-style-type: none"> a. P0-2 Site Drainage Distribution Layout with STP; b. P6-1a STP Plans & Sections; c. P6-1b STP Air Diffuser and Waterline Layout; d. P6-1c STP Air Line Layout and Section; and e. P6-1d STP Equipment Layout. <p>For the Design Criteria and STP Process Flow, refer to Annex “A” attached to this Bid Bulletin.</p> <p>The winning Bidder shall nominate three possible suppliers of automation equipment for the New STP, and shall be compatible with the existing STP equipment of DAPCC facility, for approval of the DAP.</p>
Electrical Plans	7. Is there already 400V 3Ø tapping point service within the project site?	Not yet available. This is included in the Bidders' Scope of Work, refer to OBD Section VI, Item No. 2.2.5 for Electrical Works.
Electrical Plans	8. Confirm if a 400V, 3Ø tapping point is already available within the project site.	Not yet available. This is included in the Bidders' Scope of Work, refer to OBD Section VI, Item No. 2.2.5 for Electrical Works.
General Requirements	9. As attachment requirements for the Bidder's Ongoing Projects, it is stated that we must provide NOA, NTP and Contract. Most Private Owner's/Client does not provide complete set of the documents. We are usually provided just the Purchase Order (PO) or only NTP/NOA not all of the documents. May we kindly asked if we can provide just either one (1) of the required attachments.	<p>The required attachments for Form 1: Bidders' Statement of All Ongoing government and private contracts, including contracts awarded but not yet started (if any), which is to be marked as “T07” of the Technical Documents, are hereby amended as follows:</p> <ul style="list-style-type: none"> a. For contract/s awarded but not yet started, Bidders shall attach clear and readable copies of <u>any of the following documents</u>: <ul style="list-style-type: none"> • Notice of Award; • Notice to Proceed; • Contract/s for the Project/s; or, • Purchase Order. b. For ongoing contract/s, Bidders shall attach clear and readable



Reference	QUERIES	Responses/Clarifications
		<p>copies of the following:</p> <ul style="list-style-type: none"> • Purchase Order/s or Contract/s for the Project/s; <u>and</u> • Certified True Copy of the "Certificate of Work Accomplishment" signed by the Project Owner or his/her Authorized Representatives for all ongoing contracts.
Architectural Plans	<p>10. Kindly provide the following wall details (at 2nd Floor):</p> <ul style="list-style-type: none"> a. WF-19d b. WF-20d c. WF-21d 	Refer to Drawing Sheet No. A1-22c.
General Requirements	<p>11. As part of the Technical Requirements it is stated that it is required to provide CPES rating or similar performance evaluation documents in case of contracts with private sectors for completed projects in the last 5 years. For the said "other similar performance evaluation documents" does this refer to Certificate of Completion or Certificate of Acceptance?</p>	<p>The following are acceptable documents as equivalent to CPES rating:</p> <ul style="list-style-type: none"> a. Bidder's Performance Evaluation Form reflecting a "satisfactory" works done to be signed by the Project Owner or his/her Authorized Representative for the completed project. b. Certificate of Completion stating that the Bidder has "satisfactory" completed works/contract signed by the Project Owner or his/her Authorized Representative for the completed project.

2. On the queries of **A.M. ORETA & CO., INC.**, the following are the clarifications/answers:

Reference	QUERIES	Responses/Clarifications
Landscape Plans	<p>1. Lower Hardscapes</p> <ul style="list-style-type: none"> • Confirm the types and sizes of pavers to be used under the "Concrete Paving" scope; and, • Specify the size of the pebbles intended for the "Pebble Washout Finish". 	<p>Refer to:</p> <ul style="list-style-type: none"> a. Drawing Sheet No. 01 LGF-LDP-01 for landscape development plan; and b. Technical Specifications (Part 3), under Division 32, Sections 32 90 00A and 32 90 00B for planting softscapes and hardscapes.
Landscape Plans	<p>2. Upper Floor Hardscapes:</p> <ul style="list-style-type: none"> • Type and size of pavers specified for the "Paved Areas (Paver Blocks)" and also the size of G.I Pipes and Pots? 	<p>Refer to Drawing Sheets Nos.:</p> <ul style="list-style-type: none"> a. 03 LGF-MP-01; b. 09 LGF-WPD-01; and c. 15 4F-MP-01.



Reference	QUERIES	Responses/Clarifications
	<ul style="list-style-type: none"> Clarification on what is specifically meant by "quick coupler" in this context. 	It is meant for convenient water access, efficient connection and disconnection of irrigation lines.
Landscape Plans	3. For the concreting works of the jogging paths, may we request details on the required thickness and other relevant specifications?	Refer to the Updated Drawing Sheets Nos.: a. 05 LGF-SE-01 Section Elevation; b. 05 LGF-SE-02 Section Elevation; and c. 05 LGF-SE-03 Section Elevation.
Landscape Plans	4. With regard to the Artificial Turf Area, our team would like to confirm whether the artificial turf will already be in place, and if our scope will be limited to the installation of shrubs, garden soil, gravel, and related materials.	Yes, it will be in place. But it will not be limited to the installation of shrubs, garden soil, gravel and related materials. For the complete scope for landscaping works, refer to: a. Construction Plans / Drawings for Landscape; b. Bill of Quantities under Division 32 – Exterior Improvements; and c. Technical Specifications (Part 3) under Division 32, Sections 32 90 00A and 32 90 00B for planting softscapes and hardscapes.
Architectural Plans	5. What is the standard font style requirements for Signages?	The standard font style shall be Helvetica Neue. For further details, refer to: a. Drawing Sheets Nos. A1-13j to A1-13k; and b. Technical Specifications (Part 1) under Division 10 for Specialties, Section 10 06 10.16 for the interior signage.
Architectural Plans	6. Detailed drawing or high resolution files for Signages.	Refer to Drawing Sheets Nos. A1-13j to A1-13k.
Architectural Plans	7. We would like to confirm whether the Elevator Pit Depth for PE1, PE2, and PE3 can be increased from 1410 mm to 1600 mm. The current plans indicate a pit depth of 1410 mm. Given that you require a speed of 1.75 m/s, a deeper pit depth is necessary to accommodate this requirement.	Follow as per Plan. For details, refer to: a. Drawing Sheet Nos. A1-15a to A1-15d; and b. Technical Specifications (Part 2), under Division 14 on Conveying Equipment, Section 14 20 00 for the Passenger and Service Elevators. The rated speed is 105 m/min for the passenger elevator, and 60 m/min for service elevator.



Reference	QUERIES	Responses/Clarifications
		The winning Bidder shall nominate three possible suppliers of elevator that can accommodate to the existing elevator pit depth.
Architectural Plans	8. Technical drawings and additional details for Desk 1a-7b.	Refer to: a. Drawing Sheets Nos. FFE 1a to FFE 4g; and b. Technical Specifications (Part 1), under Division 12 – Furnishings, Section 12 00 00 for details and specifications for Desks.
Architectural Plans	9. Granite Stone Nosing FT 1 & FT not visible on the stated plans.	Refer to Drawing Sheets Nos. A1-8a to A1-8l; and A1-10a to A1-10p.

3. On the queries of **RHODIUM 688 BUILDERS, INC.**, the following are the clarifications/answers:

Reference	QUERIES	Responses/Clarifications
Electronics Plans	1. CATV: Is this Analog or IP, if IP what cable to use UTP or Fiber?	It is an Analog. For further details, refer to: a. Drawing Sheets No. EC2-2; and b. Technical Specifications (Part 3) under Division 27, Section 27 40 00 for the Audio Video System.
Electronics Plans	2. Digital Signage: Floor layout signage with specification	Refer to Drawing Sheets No. EC2-2a to EC3-2i.
Electronics Plans	3. Master Clock: IP or Analog, and Floor Layout.	It is IP. For further details, refer to: a. Drawing Sheets Nos. EC2-2a to EC3-2i; and b. Technical Specifications (Part 3) under Division 27, Section 27 53 13 for the Master Clock System.

4. On the queries of **FINMAT INTERNATIONAL RESOURCES INC.**, the following are the clarifications/answers:

Reference	QUERIES	Responses/Clarifications
General Requirements	1. Company Profile of the Bidder – Kindly advise what specific content or details must be included in the company profile in order to comply with your procurement standards.	Reference to Section III, under Bid Data Sheet (BDS) Clause 10.1, Item No. 19, page 21 of the OBD, requires that the Bidder's company profile shall indicate the following: a. Names of Principal Officers of composition of the Board of Directors; b. Name(s) of Owner/Stockholders; and c. Line of Works / Services



Reference	QUERIES	Responses/Clarifications
General Requirements	2. Certificate of No Negative Slippage – We would like to inquire which office, agency, or authority is mandated to issue this certification.	Reference to Section III, under BDS Clause 10.1, Item No. 19, page 21 of the OBD, it is the participating Bidder who shall issue the said certification, and must be signed by its duly authorized representative.
General Requirements	3. Certificate of No Slippage Contract – Similarly, we would like clarification on which office or authorized body is responsible for issuing this certificate.	Reference to Section III, under BDS Clause 10.1, Item No. 19, page 21 of the OBD, it is the participating Bidder who shall issue the said certification, and must be signed by its duly authorized representative.
General Requirements	4. Statement of All Ongoing Projects – Kindly advise what supporting documents, if any, are required to be attached to the Statement of All Ongoing Projects for validation purposes.	<p>The required attachments for Form 1: Bidders' Statement of All Ongoing government and private contracts, including contracts awarded but not yet started (if any), which is to be marked as "TC07" of the Technical Documents, are hereby amended as follows:</p> <p>a. For contract/s awarded but not yet started, Bidders shall attach clear and readable copies of <u>any of the following documents</u>:</p> <ul style="list-style-type: none"> • Notice of Award; • Notice to Proceed; • Contract/s for the Project/s; or, • Purchase Order. <p>b. For ongoing contract/s, Bidders shall attach clear and readable copies of the following:</p> <ul style="list-style-type: none"> • Purchase Order/s or Contract/s for the Project/s; <u>and</u> • Certified True Copy of the "Certificate of Work Accomplishment" signed by the Project Owner or his/her Authorized Representatives for all ongoing contracts.
General Requirements	5. Prescribed forms for required statements:	Refer to folder named "10 Bidding Forms" in the link provided below for the prescribed forms. https://drive.google.com/drive/u/0/folders/0ABKSwDpPx1gpUk9PVA
	<ul style="list-style-type: none"> • Statement of All Ongoing Government and Private Contracts; • Statement of Single Largest 	Refer to folder named "10 Bidding Forms" in the link provided below for



Reference	QUERIES	Responses/Clarifications
	Completed Contract (SLCC);	the prescribed forms. https://drive.google.com/drive/u/0/folders/0ABKSwdPx1gpUk9PVA
	<ul style="list-style-type: none"> Qualification of key personnel proposed to be assigned to the project; and 	<ul style="list-style-type: none"> a. Refer to OBD Section III, under BDS Clause 10.4, pages 21-27, for the minimum qualification and work experience requirements of the Bidder's key personnel to be assigned to the project; b. The Bidder shall submit, as part of technical components of the bid, the Curriculum Vitae (CV) of all proposed Key Personnel per BDS Clause 10.1, Item No. 9, page 20 of the OBD; and c. Refer to folder named "10 Bidding Forms" in the link provided below for the prescribed format of CV. https://drive.google.com/drive/u/0/folders/0ABKSwdPx1gpUk9PVA
	<ul style="list-style-type: none"> List of equipment, owned or leased and/or under purchase agreements. pledge to the proposed project 	<ul style="list-style-type: none"> a. Refer to OBD Section III, under BDS Clause 10.5, pages 27-28, for the minimum tools and equipment units required for the project; b. The Bidder shall submit, as part of technical components of the bid, List of Available Equipment Units, & Equipment Utilization Schedule per BDS Clause 10.1, Item Nos. 12 and 13, page 20 of the OBD; and c. Refer to folder named "10 Bidding Forms" the link provided below for the prescribed Forms for Bidder's List of Available Equipment Units, & Equipment Utilization Schedule. https://drive.google.com/drive/u/0/folders/0ABKSwdPx1gpUk9PVA
General Requirements	6. Preparation of PERT-CPM	<ul style="list-style-type: none"> a. Reference to Section III, BDS Clause 10.1, Item No. 14, page 20 of the OBD, Bidders are required to submit a duly signed PERT-CPM for the Project based on the



Reference	QUERIES	Responses/Clarifications
		<p>Milestone Activities specified in Section VI. Schedule of Requirements and Specification reflecting the Critical Path of activities.</p> <p>b. The Bidder-Contractor may submit their proposed PERT-CPM based on their methodology, field expertise and assessment of the project, as long as the critical path of activities should not exceed 36 calendar months.</p>

Reminder to Bidders:

01. Refer to the link below for the e-copies of reference documents included in the Bid Bulletin Nos. 02 and 03, containing (a) DAED / construction plans; (b) As-Built Drawings – existing structure; (c) updated drawings; (d) certificate of accomplishment; (e) monthly progress report submitted; (f) test results; (g) summary report; (h) approved inspection reports; and (i) bidding forms.

<https://drive.google.com/drive/u/0/folders/0ABKSwdPx1gpUk9PVA>

02. The Bid Opening will be on 02 September 2025 (Tue) at 10:00 AM at 1B/F, L.S. Virata Hall, DAP Building, San Miguel Ave., Ortigas Center, Pasig City, Metro Manila. Bids will be opened in the presence of the bidders' authorized representatives who choose to attend the activity.

Bids must be duly received by the BAC Secretariat (BSD) through manual submission at the BAC Secretariat Division Office at the GF, DAP building, San Miguel Avenue, Pasig City on or before 02 September 2025.

BSD Representative will also be at the GF main lobby on 02 September 2025 from 8:00 AM to 10:00 AM to assist the interested bidders in submitting the bids.

03. For further information, please refer to:

RODEL D. CASTILLO

Officer-in-Charge, BAC Secretariat Division

Development Academy of the Philippines

GF, DAP Bldg., San Miguel Avenue, Pasig City 1600

Telephone : (632) 8631-0921 loc. 133

BAC Secretariat email : dapbacsec@dap.edu.ph

Website address : <https://www.dap.edu.ph>

04. Visit the website <https://www.dap.edu.ph/invitation-to-bid/> for downloading of the OBD.

For the guidance and information of all concerned.



BID BULLETIN No.4

DATE OF ISSUE

22 August 2025 (Friday)

PAGE NUMBER

p.9/9

For the Bids and Awards Committee,

JUNE ARVIN C. GUDOY

CHAIRPERSON, BIDS & AWARDS COMMITTEE

>>>NOTHING FOLLOWS<<<

DAPCC SEWAGE TREATMENT PLANT PROCESS FLOW

TREATMENT PROCESS AND PREDICTED TREATMENT EFFICIENCY

The treatment scheme recommended for the STP of principally consists of the following treatment steps:

1. Pre-Aeration
2. Equalization
3. Biological treatment using Upflow Anaerobic Sludge Blanket (UASB)
4. Sequencing batch reactor (SBR)
5. Disinfection (Chlorine)

PROCESS DESCRIPTION

The selected treatment is a combination of two effective well known processes, in which the organic solids are consumed by the action of anaerobic and aerobic bacteria. The raw sewage from the septic tank is pumped into the pre-aeration tank, where it passes through a manually raked bar screen. Here, large solids and pieces of cloth, plastics and other foreign matters are caught and manually removed into plastic bags for disposal.

From the pre-aeration, wastewater goes to the equalization tank where it homogenizes and serves also as balance tank. The pre-aeration tank is aerated through an air line connected to the air blower with diffusers laid out at the bottom of the tank.

For reduction of excessive fats, oil and grease coming from food tenants, oil is to be skimmed every so often at equalization and pre-aeration with the air supply valve closed. By manual scooping of solidified oil at Oil Pit, FOG entering UASB and SBR is significantly reduced.

In the UASB wastewater from the Equalization Tank is poured near the bottom and equally distributed over its total area. In the lower part of the tank a sludge blanket is maintained through which the wastewater is forced to percolate upwards. This results in sedimentation and absorption of organic waste matter and biological conversion to gas. In the upper part, treated wastewater is separated from the sludge and biogas. Excess sludge is removed once every few years. To keep the sludge blanket in suspension, specific up-flow velocity should be maintained.

From the overflow of the UASB tanks, partially treated wastewater is treated into the next aerobic process by batch widely known as SBR system.

SBR is a variation of conventional activated sludge process usually employing a completely mixed flow pattern.

The operation of the SBR tank is configured to five discrete process sequences, Fill, Mix, Aerate, Settle and Decant. The duration of each phase will depend upon the established schedule of the Program Logic Controller (PLC) of the system giving the operator complete control over the stages of the operation.

After SBR process, treated wastewater is disinfected in the chlorination tank which also serves as the Raw water for Tertiary treatment (Optional).

Treated wastewater can be recycled for toilet flushing & for watering the plants.

Screening, Pre-Aeration Tank and Equalization Tank

The screened sewage goes to the first chamber the Pre-Aeration Tank then overflows to the Equalization tank.

The equalization tank will provide retention and holding of the wastewater prior to succeeding biological treatment. The equalized wastewater is then pumped into SBR, passing through UASB first in a batch mode.

Upflow Anaerobic Sludge Blanket

In the UASB wastewater from the Equalization Tank is poured near the bottom and equally distributed over its total area. In the lower part of the tank a sludge blanket is maintained through which the wastewater is forced to percolate upwards. This results in sedimentation and absorption of organic waste matter and biological conversion to gas. In the upper part, treated wastewater is separated from the sludge and biogas. Excess sludge is removed once every few years. To keep the sludge blanket in suspension, specific up-flow velocity should be maintained.

Sequencing Batch Reactor (SBR)

The SBR process operates on a Fill and Draw principle. Basically, the process follows the steps of Fill, React, Settle and Decant. The actual cycle time for each of the basic steps vary with the effluent requirement.

Sequencing Batch Reactor Systems are a very simple, but sophisticated variation of activated sludge process.

Fill Phase

Under fill phase the reactor is filled with pre-treated wastewater after trickling filtration. During this phase the influent is mixed with the existing liquid and solids in the reactor with air but not always aerated. Fill phase will take about 1 hour.

React Phase

After filling the reactor, the biological and biochemical reactions are normally completed by retention and aeration. The react phase is time measured, which about 2 hours aeration in the reactor of the wastewater and mixed liquor activated sludge.

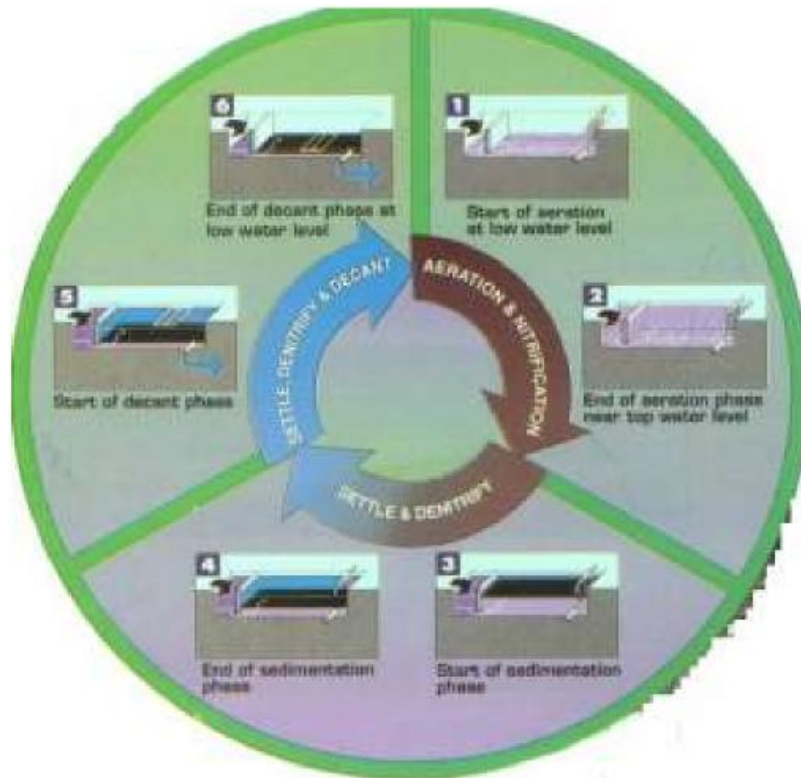
Settle Phase

Once the aeration is completed, air operation is shut off and the mixed liquor is allowed to settle and separate the clear water zone and settled mixed liquor. The settle or decant phase will take place for about one hour.

Decant Phase

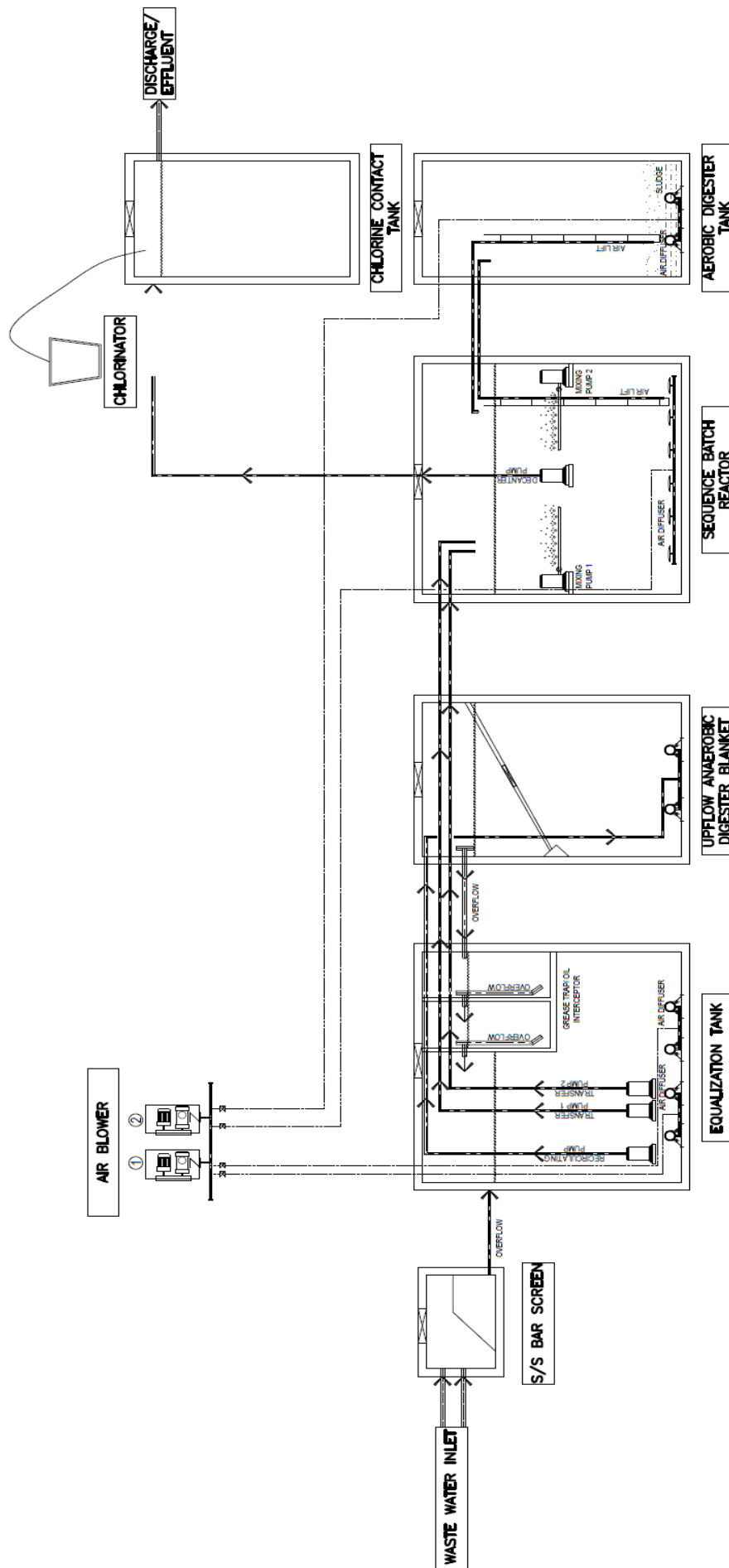
Under this phase, the clear water is discharge or withdrawn by floating decant pumps for final discharge. The decant period will take place for about one hour or more.

Figure 2 shows the various SBR phases and or operating diagram.

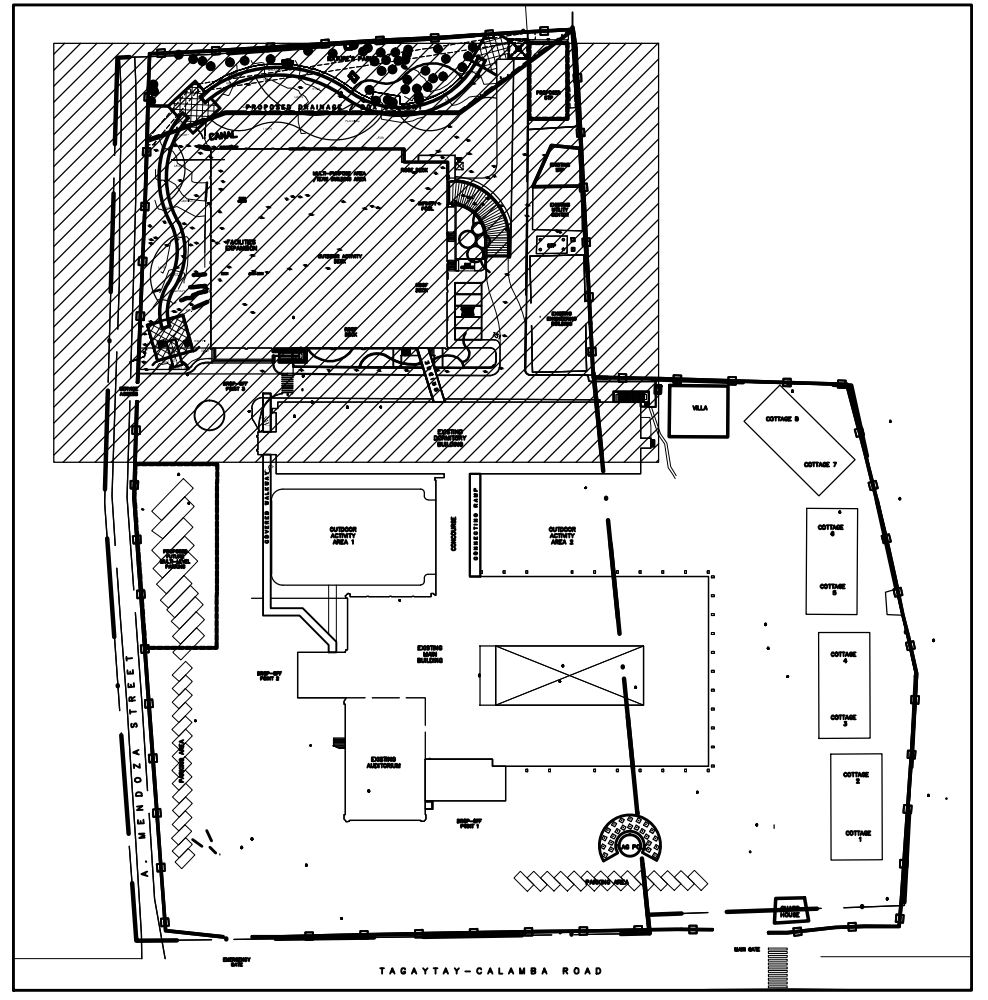


CONTROL PANEL

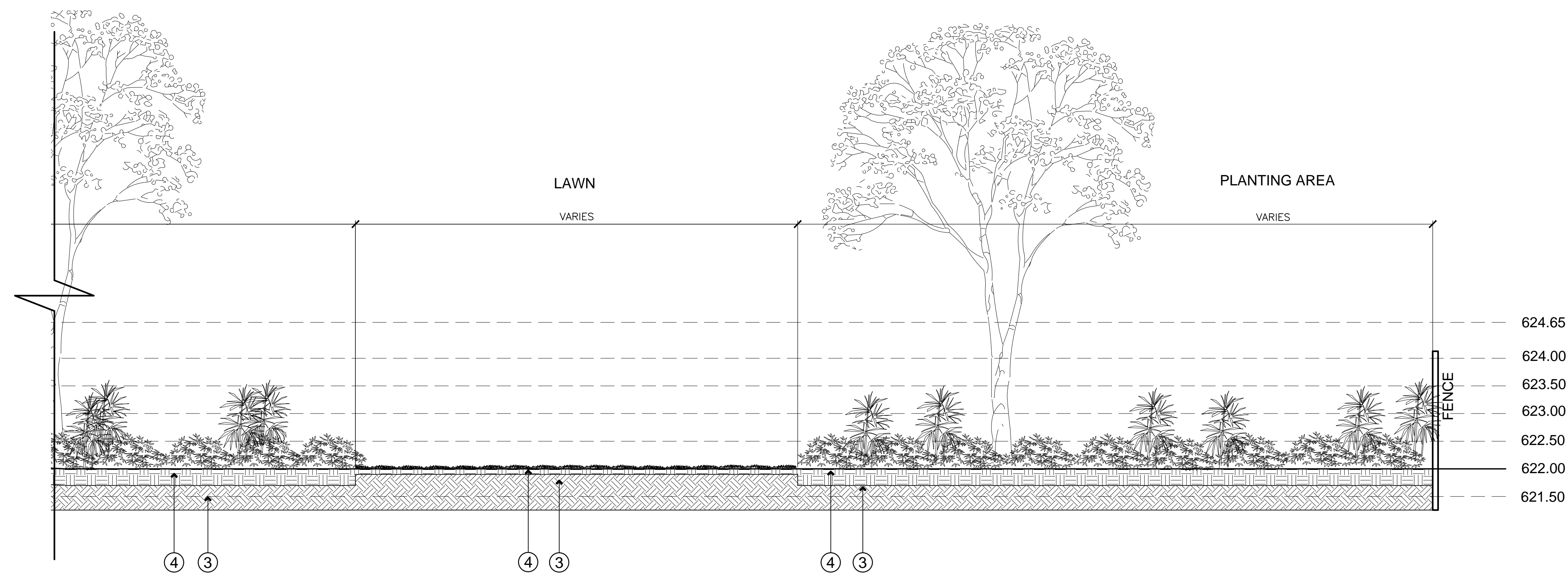
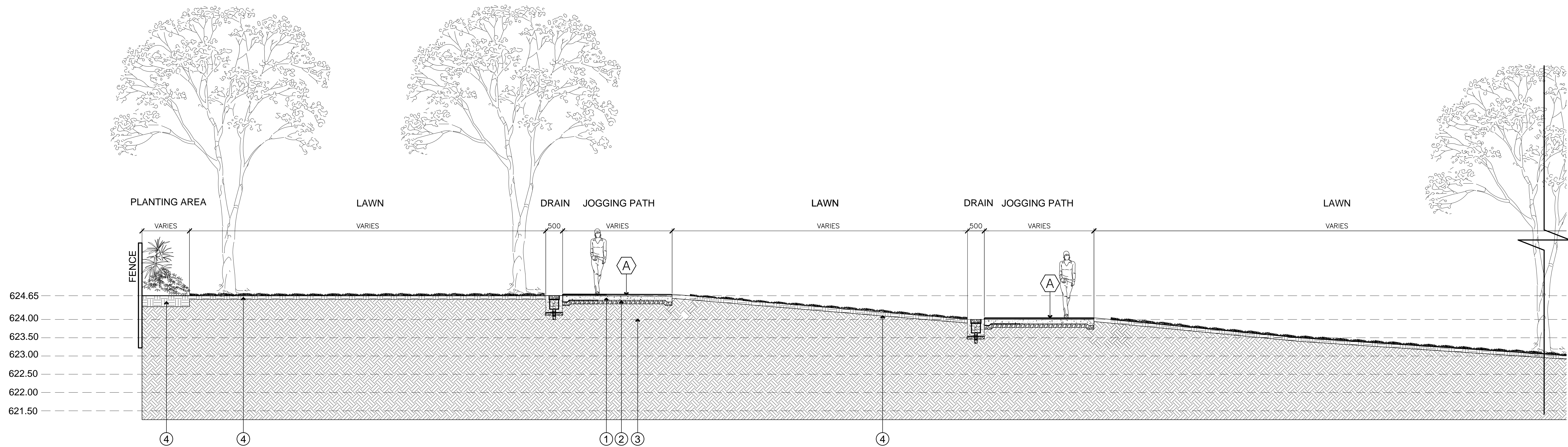
The control panel was designed and built using quality components from SIEMENS. Each branch has circuit breaker to protect the motors of the system. Panel lights were also installed to indicate which equipments were running. It also incorporates over/under voltage sensor to shut down the down the operation should the line voltage drops or exceeds the pre-set value. Liquid level controls were also provided to protect the pumps from running dry. Panel switches were mounted at the front. This switches control the operation of the equipments. During automatic mode of operation all parameters such as water level and time of aeration, decant time, transfer time, and chlorination were done by the programmable logic control to execute the necessary sequence, however, during manual mode of operation the operator has to manual switch on or off the corresponding equipment required for operation. The programmable logic control has a small display indicating the phase of operation.



PROCESS FLOW DIAGRAM
SCALE NTS



KEY PLAN
SCALE 1:2000MTS.



1 SECTION ELEVATION
LGF-SE-01 SCALE 1:75MTS.

LEGEND:

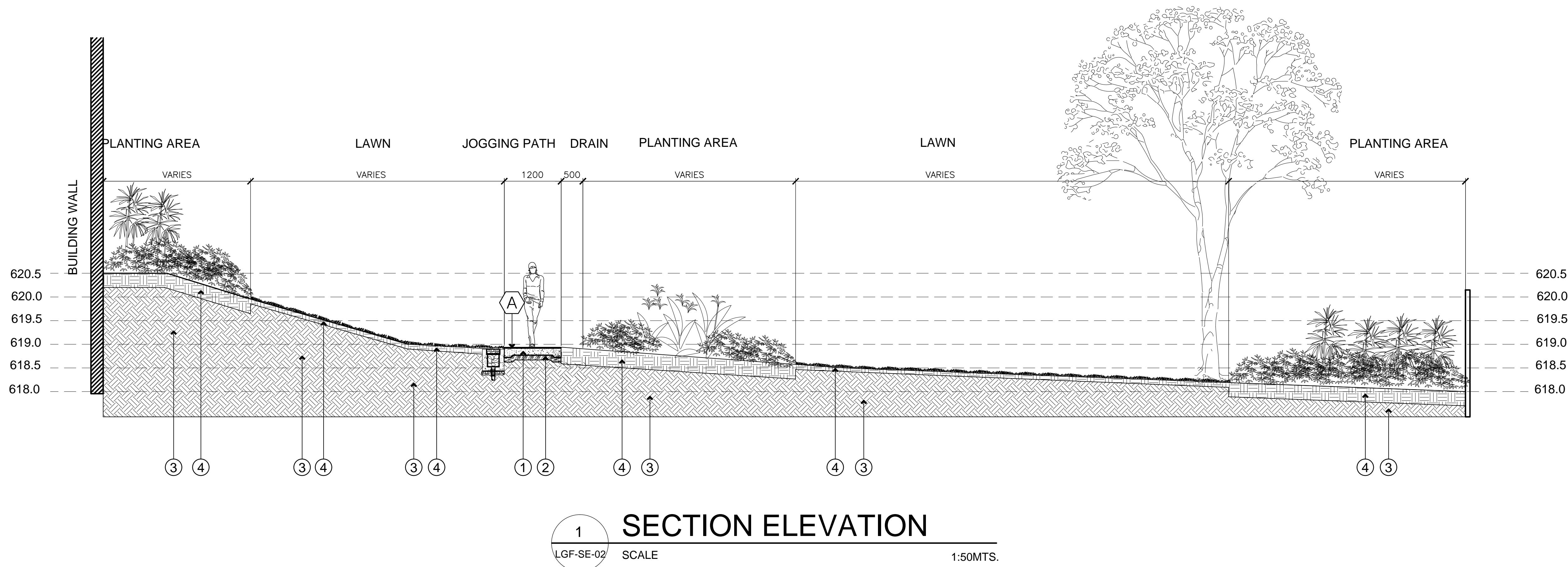
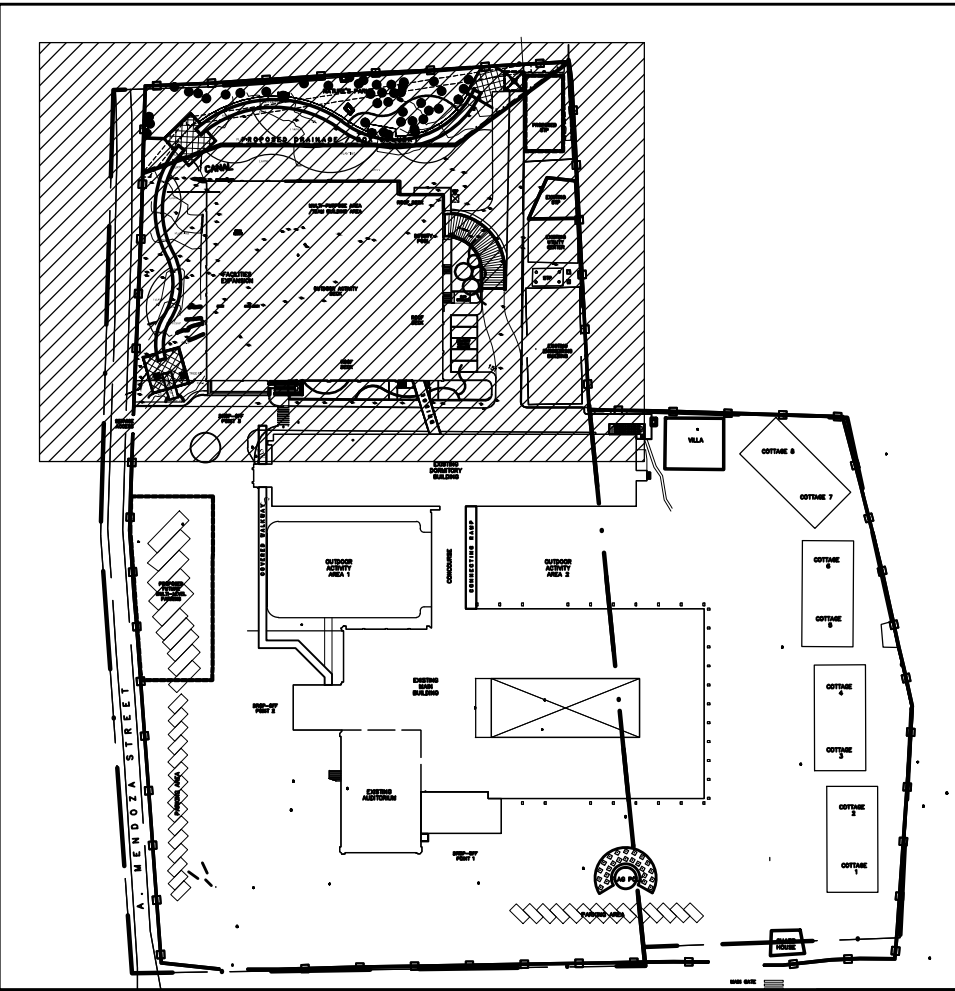
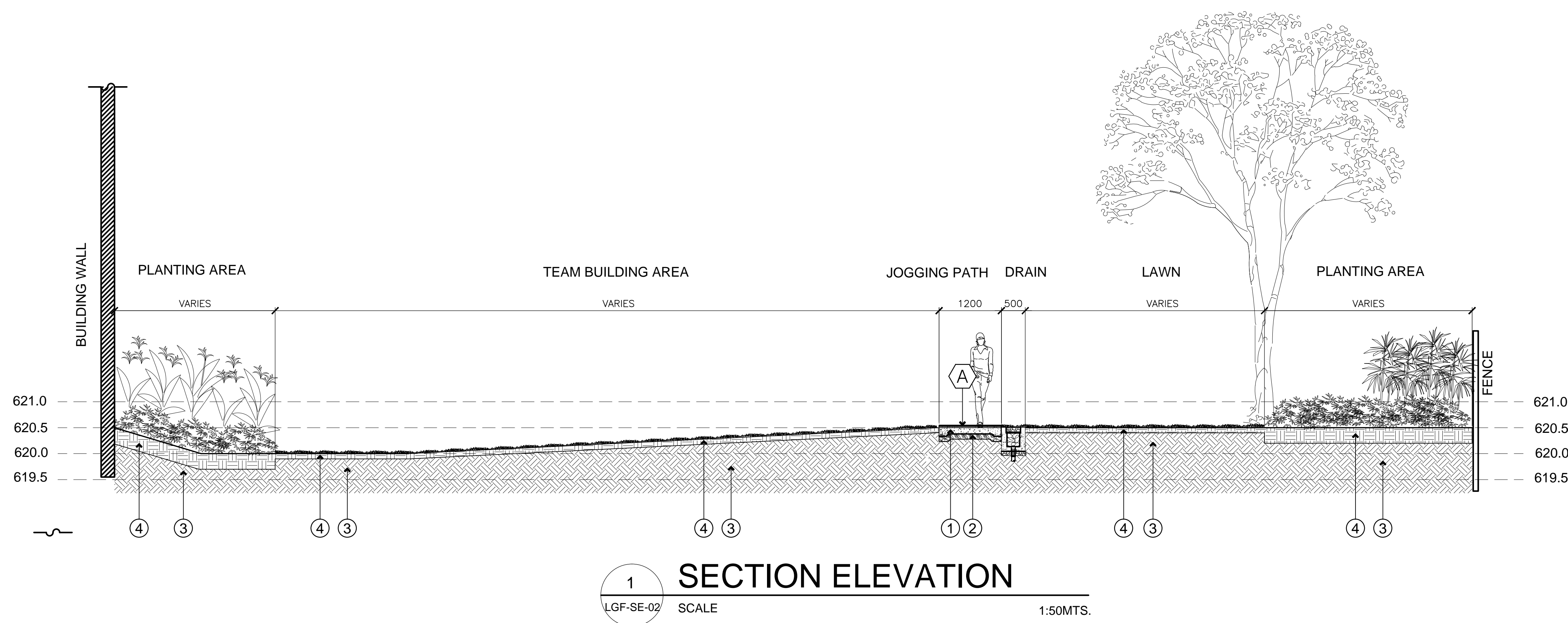
- [A] TRU-FLEX WITH FOUR (4) COATED CUSHION
- REINFORCED CONCRETE STRUCTURE 100 THK. R.C. SLAB WITH 10MMØ REINFORCING STEEL BARS AT 300 MM EACH WAY
- ① 100 MM THICK GRAVEL BASE
- ② 100 MM THICK GRAVEL BASE
- ③ COMPACTED SUB-GRADE
- ④ GARDEN SOIL TO LA'S APPROVAL

NOTE:

- ALL DIMENSIONS SHALL BE VERIFIED ON ACTUAL LOCATION.
- ANY EQUIVALENT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
- ALL STRUCTURES VERIFY TO STRUCTURAL ENGINEER.
- GARDEN SOIL MIN. DEPTH SHALL BE:
 - 100MM (LAWN AREA)
 - 300MM (SHRUBS)
 - 1.2 CUBIC METER (TREES AND PALMS)

THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)

CONSULTANT:	PRINCIPAL ARCHITECT:	LANDSCAPE ARCHITECT:	PROJECT TITLE:	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BONIFACIO DRIVE, PORT AREA, MANILA	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SCOTT BROWNS STREET, SOUTH BANGAL, QUEZON CITY, METRO MANILA. 0933 2331941 NO. 0933 1985 www.arcebailonarce.com	MARIANO S. ARCE, JR., tuop	EREN A. AURELIO, pola	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purposes of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"		(SEE COVER SHEET FOR SIGNATURE) JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ENGR. ARISTARCO M. DORON OFFICER-IN-CHARGE, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPW/O OPERATIONS & TECHNICAL SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES	FATY, ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	SECTION ELEVATION		16-06	LGF-SE-01
REG. NO.: 6844 PIR NO.: 1579551 REG. NO.: 10115 PIR NO.: 9264968 TIN: 129-345-871 DATE: 07/20/07 TIN: 200-751-501 DATE: 01/08/20 QIC										DESIGNED BY: MSAJ CAD ENCODER: FGM CHECKED BY: MSAJ DATE: JUNE 2017			



LEGEND:

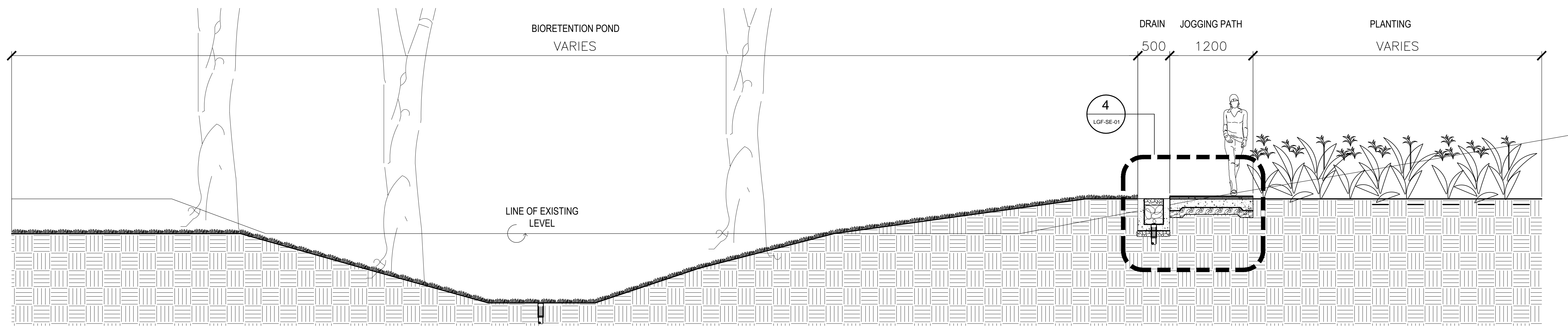
(A) TRU-FLEX WITH FOUR (4) COATED CUSHION

- ① REINFORCED CONCRETE STRUCTURE 100 THK. R.C. SLAB WITH 10MMØ REINFORCING STEEL BARS AT 300 MM EACH WAY
② 100 MM THICK GRAVEL BASE
③ COMPACTED SUB-GRADE
④ GARDEN SOIL TO LA'S APPROVAL

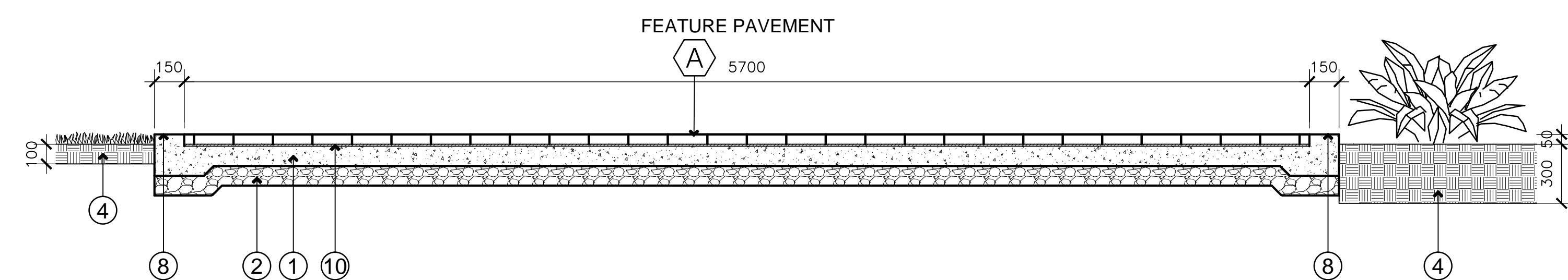
NOTE:
- ALL DIMENSIONS SHALL BE VERIFIED ON ACTUAL LOCATION.
- ANY EQUIVALENT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
- ALL STRUCTURES VERIFY TO STRUCTURAL ENGINEER.

THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)

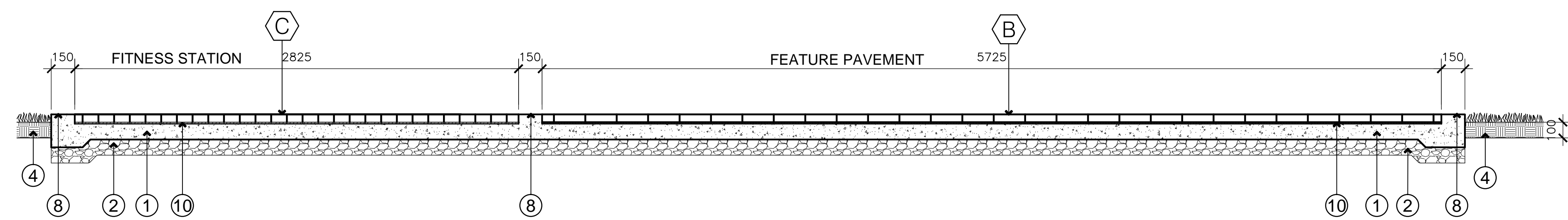
CONSULTANT:	PRINCIPAL ARCHITECT:	LANDSCAPE ARCHITECT:	PROJECT TITLE:	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BONIFACIO DRIVE, PORT AREA, MANILA	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SCOTT BERNARDO STREET, SOUTH BANGAL, QUEZON CITY, REPUBLIC OF THE PHILIPPINES www.arcebailonarce.com	MARIANO S. ARCE, JR., tuop	ERENIA AURELIO, pola	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purposes of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"		(SEE COVER SHEET FOR SIGNATURE) JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ENGR. ARISTARCO M. DOROS OFFICER-IN-CHARGE, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPHO OPERATIONS & TECHNICAL SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES	FATTY ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	SECTION ELEVATION		16-06	LGF-SE-02
REG. NO.: 6844 PIR NO.: 1579551 REG. NO.: 0015 PIR NO.: 9264968 TIN: 129-345-871 DATE: 07/29/06 TIN: 200-751-501 DATE: 01/08/20 QC										DESIGNED BY: MSAJ CAD ENCODER: FGM CHECKED BY: MSAJ DATE: JUNE 2017			



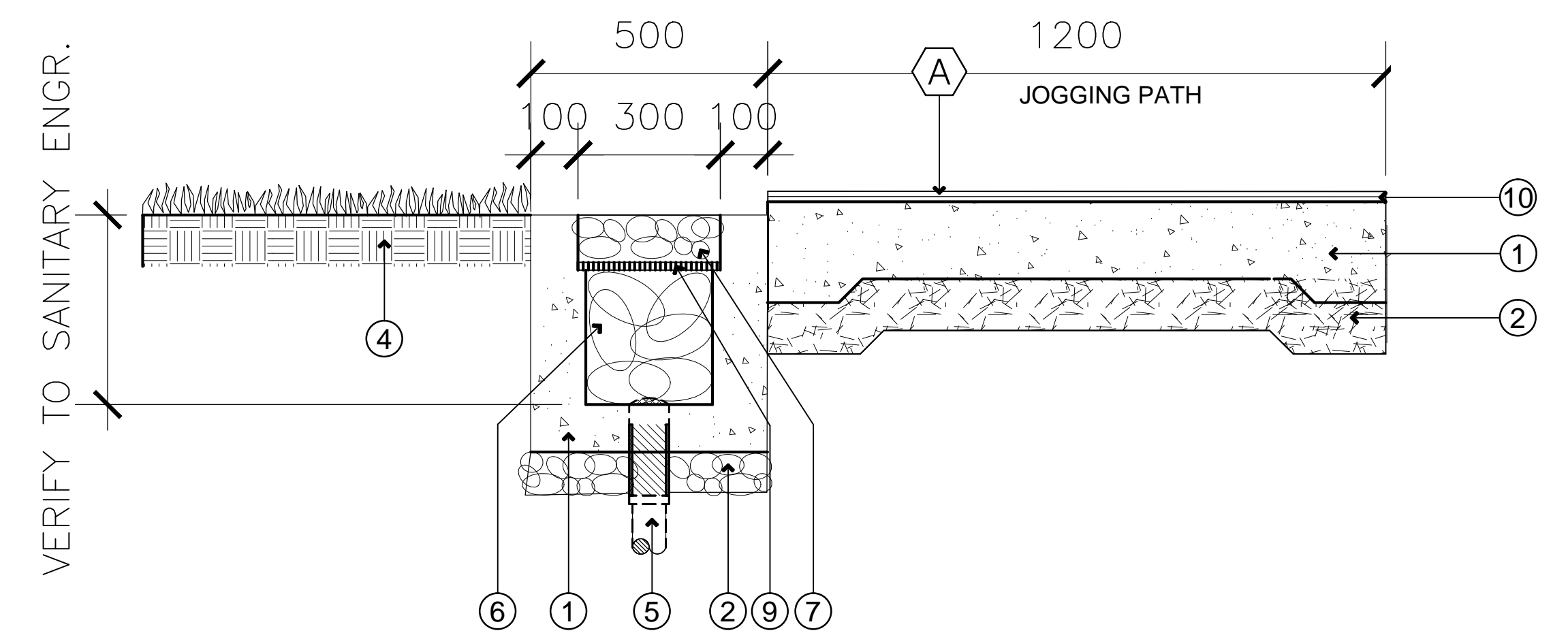
1 SECTION-ELEVATION: BIORETENTION POND
LGF-SE-03 SCALE 1:40MTS.



2 SECTION-ELEVATION:
PAVING DETAILS (FEATURE PAVEMENT)
LGF-SE-03 SCALE 1:20MTS.



3 SECTION-ELEVATION:
PAVING DETAILS (FITNESS STATION)
LGF-SE-03 SCALE 1:20MTS.



4 SECTION-ELEVATION:
TRENCH DRAIN & JOGGING PATH
LGF-SE-03 SCALE 1:20MTS.

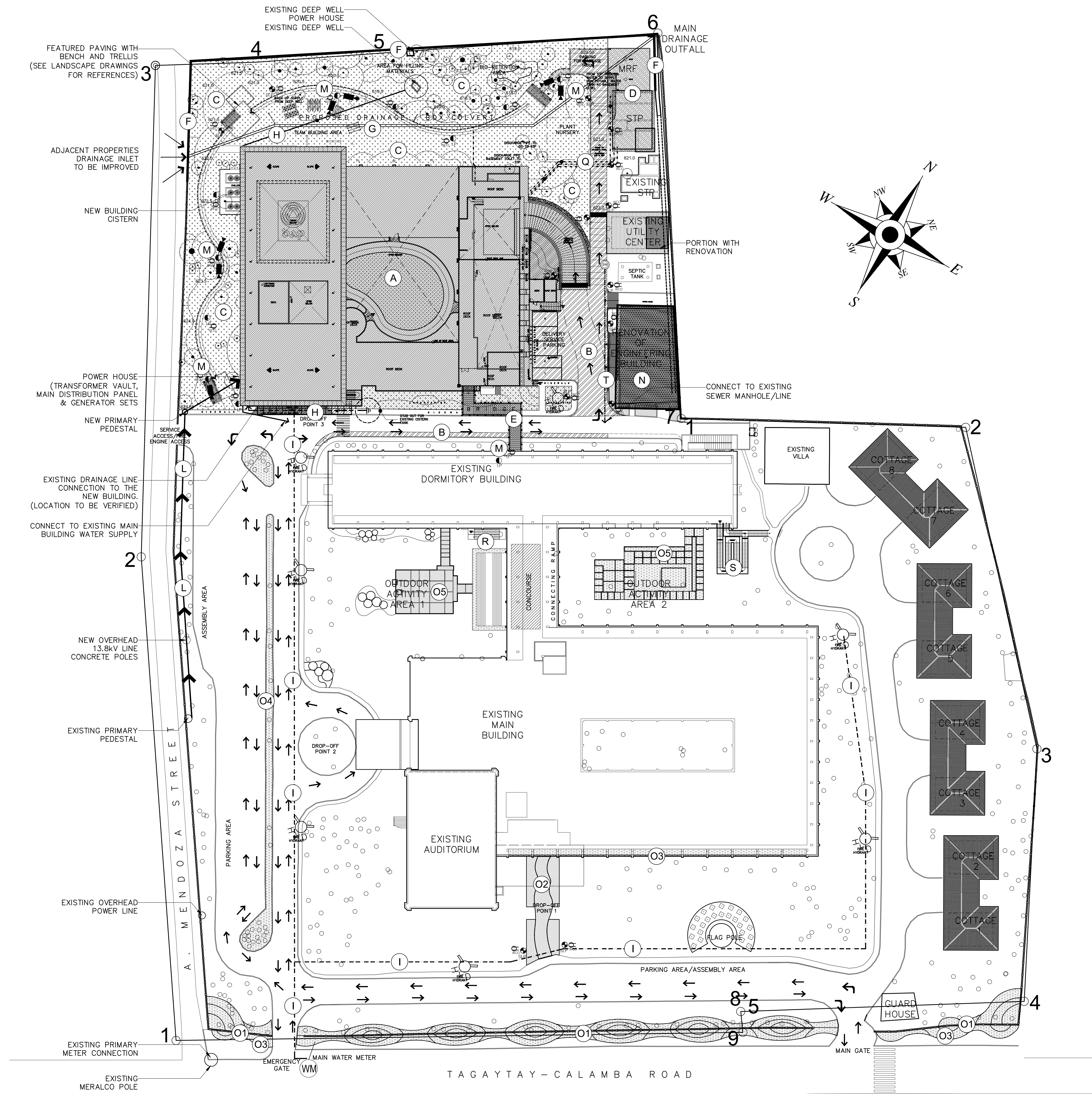
LEGEND

- A TRU-FLEX WITH FOUR (4) COATED CUSHION
50 X 100 X 200MM
PAVER BLOCKS SET IN CONCRETE
HERRINGBONE PATTERN
COLOR:TERRACOTA, GRAY
- B 50 X 100 X 200MM
PAVER BLOCKS SET IN CONCRETE
STRETCHER BOND PATTERN
COLOR:GRAY
- C
- 1 REINFORCED CONCRETE STRUCTURE 100 THK. R.C. SLAB WITH 10MMØ REINFORCING STEEL BARS AT 300 MM EACH WAY
- 2 100 MM THK. GRAVEL BED
- 4 GARDEN SOIL, TO LA'S APPROVAL
- 5 DRAIN PIPE TO ENGINEER'S DETAILS
- 6 LOOSE STONES
- 7 38 MM DIA. KUDOS STONES
- 8 CONCRETE BAND
- 9 STEEL GRATE
- 10 C/S MORTAR SCREEDING LAYER

NOTE:
- ALL DIMENSIONS SHALL BE VERIFIED ON ACTUAL LOCATION.
- ANY EQUIVALENT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
- ALL STRUCTURES VERIFY TO STRUCTURAL ENGINEER.

THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)

CONSULTANT:	PRINCIPAL ARCHITECT:	LANDSCAPE ARCHITECT:	PROJECT TITLE:	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SCOTT REYNOLDS STREET, SOUTH BANGAL, QUEZON CITY, REPUBLIC OF THE PHILIPPINES. 0933 2233 1511 FAX NO. 0933 1885 www.arcebailonarce.com	MARIANO S. ARCE, JR., tuop	ERENJA AURELIO, pola	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purposes of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"	(SEE COVER SHEET FOR SIGNATURE) JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ENGR. ARISTARCO M. DORON OFFICER-IN-CHARGE, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPWDO OPERATIONS & TECHNICAL SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES	FATY, ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	SECTION ELEVATION		16-06	LGF-SE-03
	REG. NO.: 6844 PIR NO.: 1579551 TIN: 129-345-871 DATE: 07/20/2017	REG. NO.: 10115 PIR NO.: 9264958 TIN: 200-751-501 DATE: 01/08/2017							DESIGNED BY: MSAJ	CAD ENCODER: FGM	CHECKED BY: MSAJ	DATE: JUNE 2017

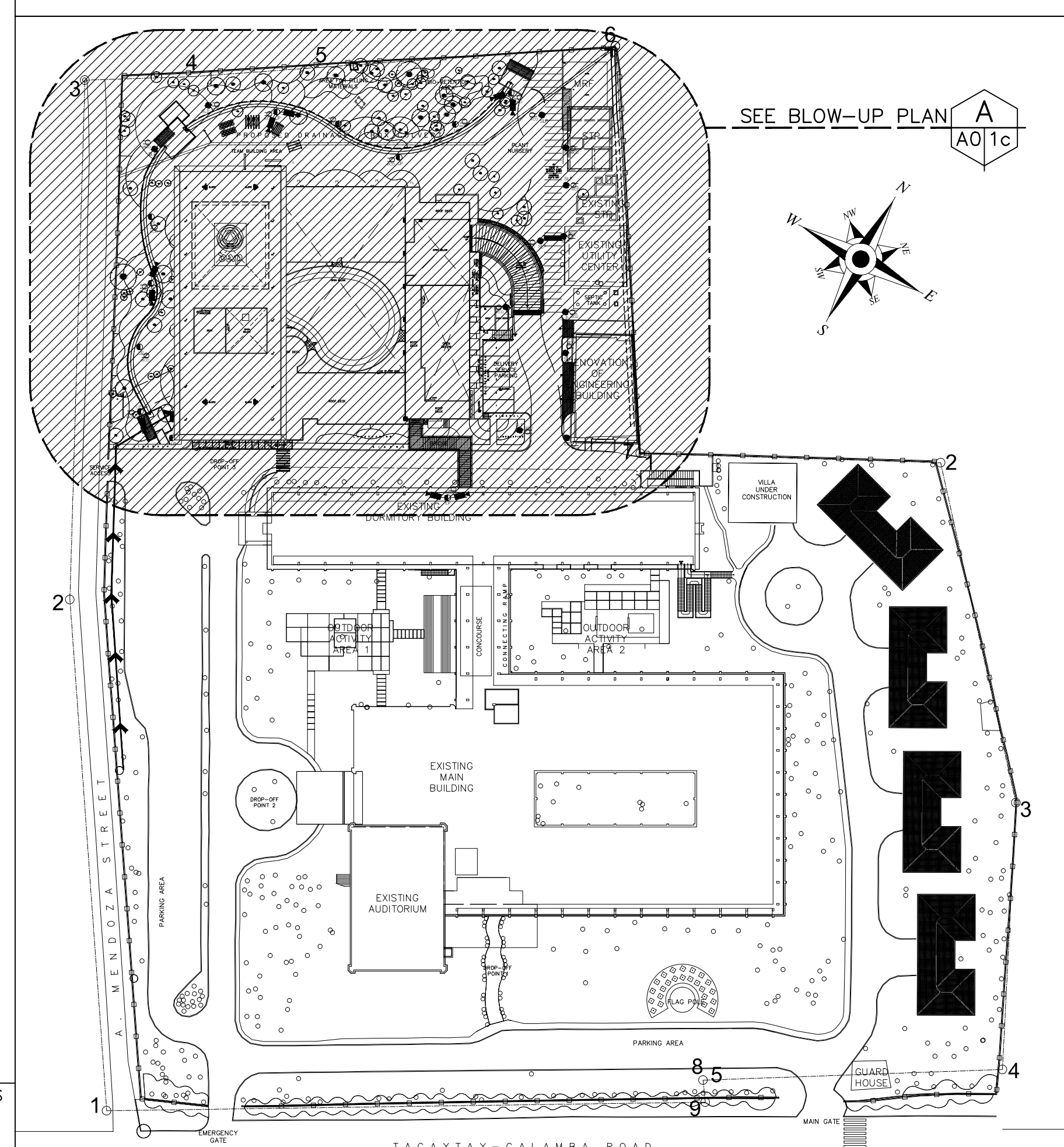


LEGENDS:

1.0 PROPOSED DEVELOPMENT

- (A) NEW FACILITIES
- (B) ROAD WIDENING & IMPROVEMENT
- (C) LANDSCAPING
- (D) NEW STP & CMRF
- (E) BRIDGE FROM THE DORMITORY TO THE NEW FACILITIES
- (F) SITE PERIMETER FENCE IMPROVEMENT & STRENGTHENING
- (LP) SITE LAMP POST WITH WEATHERPROOF CONVENIENCE OUTLET
- (WP) IRRIGATION QUICK COUPLER WATERPOINT
- (AC/CB) AREA DRAIN/CATCH BASIN
- (LP) SOLAR-POWERED LAMP POST
- (G) BY-PASS DRAINAGE AND BOX CULVERT
- (H) RELOCATION OF DEEP WELL WATER LINE
- (I) TCWD (TAGAYTAY CITY WATER DISTRIBUTION) SUPPLY LINE
- (WM) TCWD (TAGAYTAY CITY WATER DISTRIBUTION) WATER METER & SERVICE SUPPLY
- (J) RELOCATION OF FIRE HYDRANT
- (J) LOCATION OF NEW BLDG. CISTERN TANK, FIRE TANK & RAIN WATER TANK
- (K) POWER HOUSE (TRANSFORMER VAULT, MAIN DISTRIBUTION PANEL & GENERATOR SETS)
- (L) NEW 13.2KV ELECTRICAL LINE
- (M) CCTV CAMERA
- (N) RENOVATION OF ENGINEERING BLDG.
- (O) LANDSCAPE IMPROVEMENT (FOR FURTHER DETAILS SEE LANDSCAPING DRAWINGS)
- (O1) FENCE REPAINTING
- (O2) PATHWAY GOING TO UPPER LOBBY
- (O3) FRONTAGE OF MAIN BUILDING
- (O4) ISLAND AT PARKING AREA
- (O5) OUTDOOR ACTIVITY AREA 1 AND 2
- (P) JOGGING PATH WITH TRENCH
- (Q) SANITARY LINE FROM NEW BUILDING TO STP
- (R) PWD RAMP FROM DINING HALL
- (S) PWD RAMP AND FOOD TRANSPORT RAMP TO COTTAGES
- (T) RELOCATION EXISTING SEWER MANHOLE/LINE

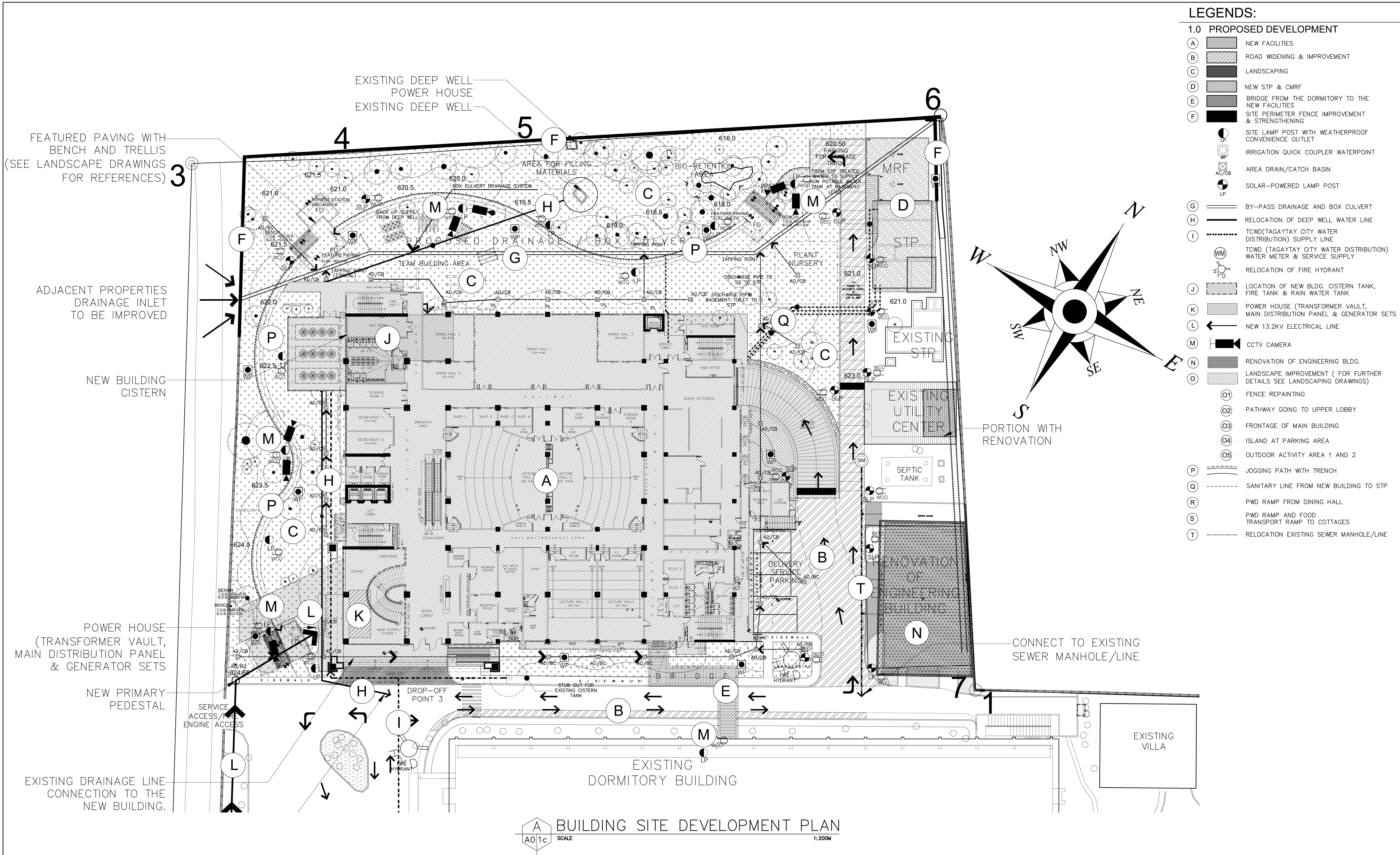
KEYPLAN:



A SITE DEVELOPMENT PLAN SCALE 1:400M

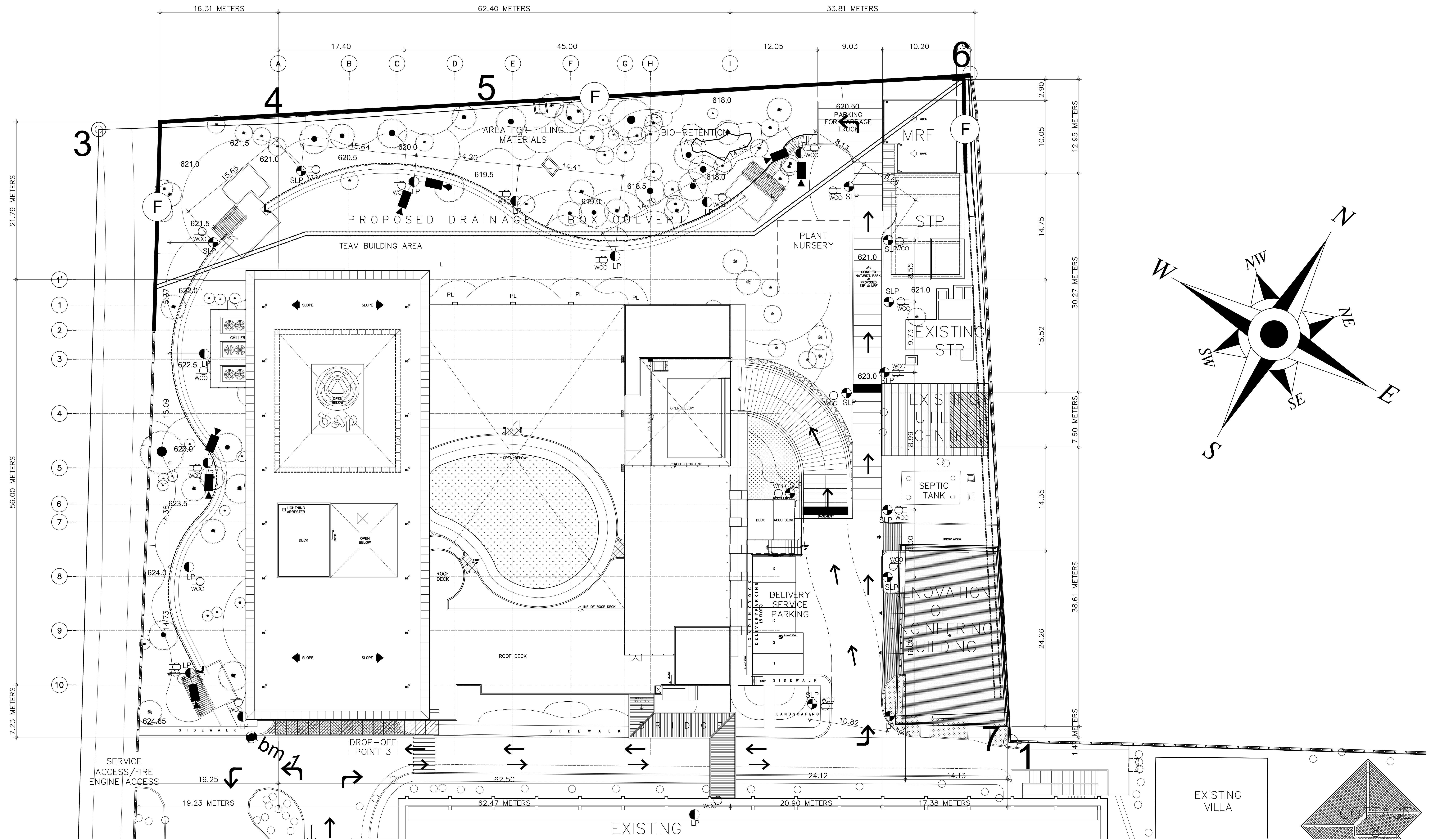
THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)

CONSULTANT:	PRINCIPAL ARCHITECT:	DESIGN ARCHITECT:	PROJECT TITLE:	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SOFOT RORONAN STREET, SOUTH BANGAL, QUEZON CITY TEL: 02-8333 1111 FAX: 02-833 1187 www.arcebailon.com	MARIANO S. ARCE, JR., IUPD REG. NO.: 0844 PIR NO.: 9379531 TEL: 129-343-871 DATE: 01/07/2022	MA. NINA BAILON - ARCE, IUPD REG. NO.: 8970 PIR NO.: 9379532 TEL: 111-535-755 DATE: 01/07/2022	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purpose of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"	(SEE COVER SHEET FOR SIGNATURE) WILFRED M. NAPIZA OIC-CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) BLESID S. RAMOS DIRECTOR IV, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ADOR G. CANLAS UNDERSECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	(SEE COVER SHEET FOR SIGNATURE) MEDMER G. MALIG ASSISTANT SECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES	FATTY ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	SITE DEVELOPMENT PLAN FOOTPRINT PERIMETER FENCE (RETAINING WALL) EXTENSION DESIGNED BY: ACW CAD ENCODER: MGBA CHECKED BY: MSAJ DATE: AUGUST 2022	F.1016-RFA-AR-0002 - NEW NTB STAKING POINT REV. 001C-DAP-2022-061.1 - BUILDING FOOTPRINT PERIMETER FENCE (RETAINING WALL) EXTENSION DESIGNED BY: ACW CAD ENCODER: MGBA CHECKED BY: MSAJ DATE: AUGUST 2022	16-06	A01b



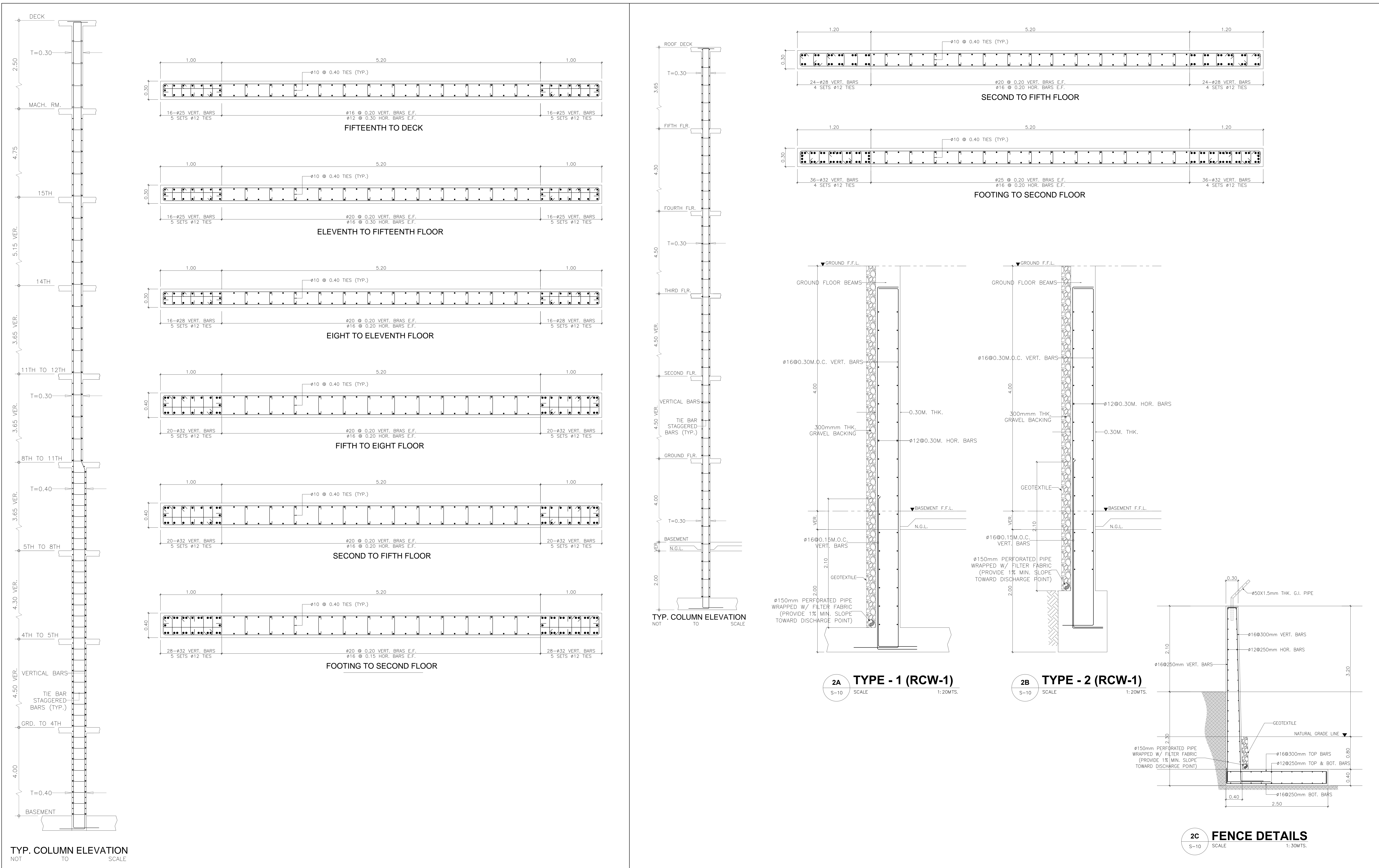
CONSULTANT:	PRINCIPAL ARCHITECT:	DESIGN ARCHITECT:	PROJECT TITLE:	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SOFOT RORONAN STREET, SOUTH BAZOGE, CALABANG CITY, BAGUIO, 2020 (PH) NO. 8551 1881 www.arcebailonarce.com	MARIANO S. ARCE, JR., LUOP REG. NO. 129-343-871 PPR NO. 12979531 TIN: 129-343-871 DATE: 01/07/2022	MA. NINA BAILON - ARCE, LUOP REG. NO. 111-535-758 PPR NO. 12979532 TIN: 111-535-758 DATE: 01/07/2022	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purpose of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BONIFACIO DRIVE, PORT AREA, MANILA	(SEE COVER SHEET FOR SIGNATURE) WILFRED M. NAPIZA OIC-CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) BLESIL S. RAMOS DIRECTOR IV, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ADOR G. CANLAS UNDERSECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	(SEE COVER SHEET FOR SIGNATURE) MEDMER G. MALIG ASSISTANT SECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES FATTY ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER/DAP	BUILDING SITE DEVELOPMENT PLAN FOOTPRINT	F1016-RFA-AR-0002 - NEW NIB STAKING POINT REF: DCTC-DAP-2022-061.1 - BUILDING FOOTPRINT	16-06	A0-1c
										DESIGNED BY: ACM	CAD ENCODER: CGI	CHECKED BY: MSAJ	DATE: AUGUST 2022

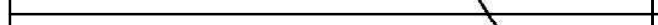
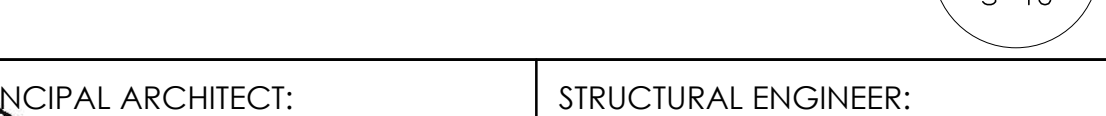
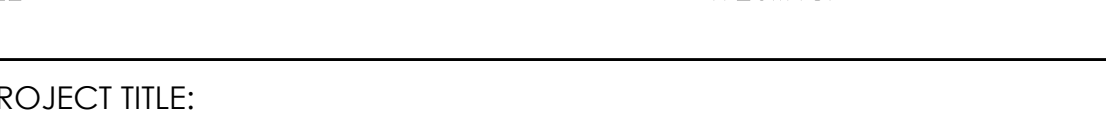
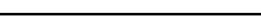
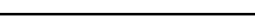
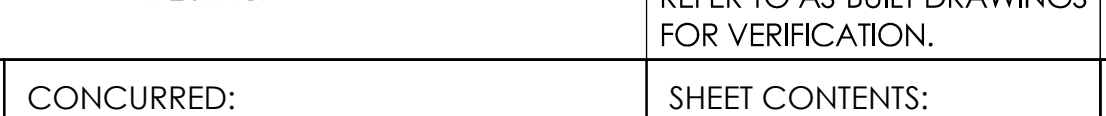
REPUBLIC ACT 9266: This drawing, as an instrument of service, is the property of ARCE-BAILON-ARCE ARCHITECTS, registered Architects and as such must not be reproduced or copied in part or in whole without their permission. All drawings are to be returned when no longer in use. PRESIDENTIAL DECREE NO. 49: "Protection of Intellectual Property" Works of Art, Architecture, Model and Designs are creative works and considered as part of the intellectual property of the author.

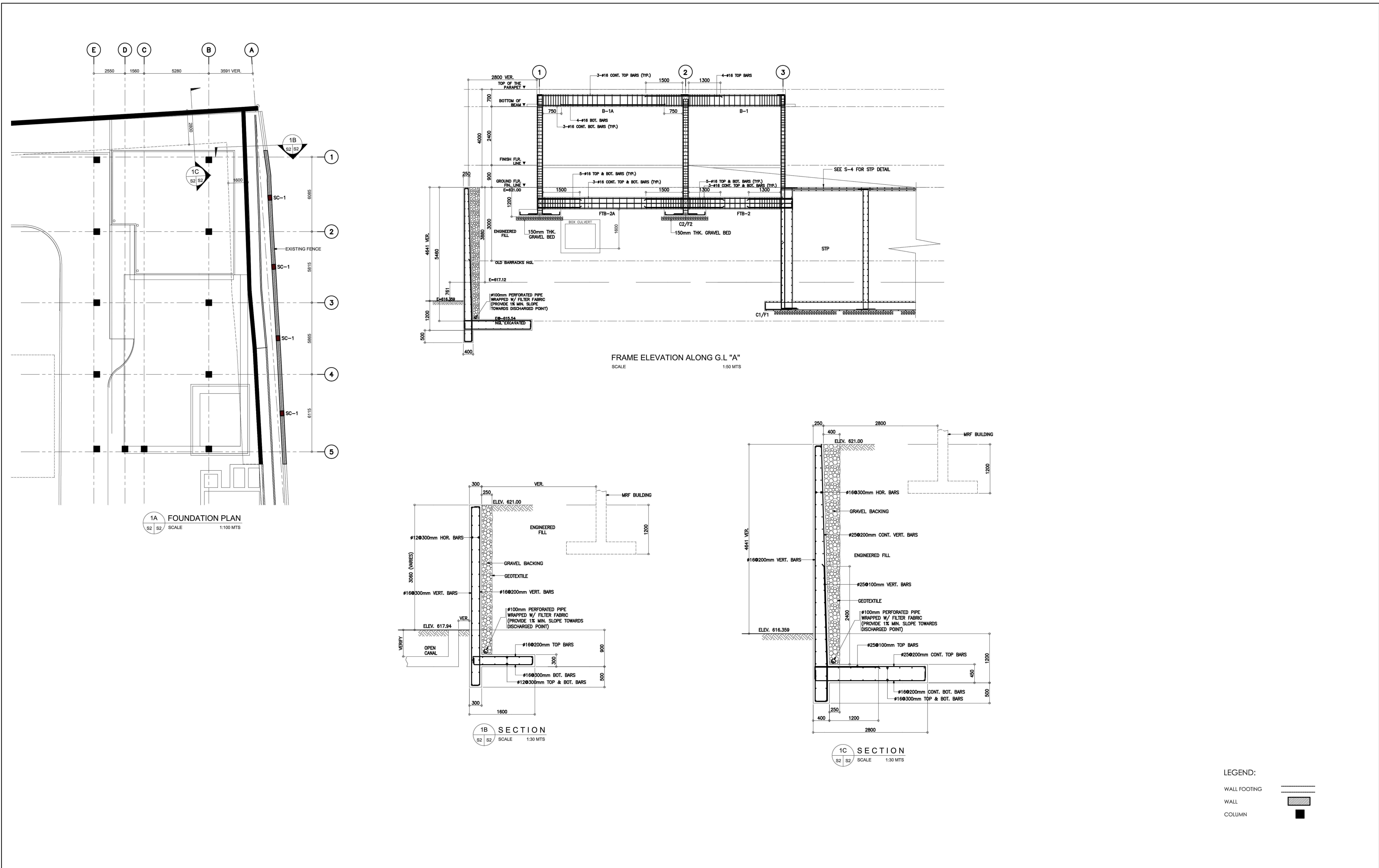


A SITE BLOW-UP PLAN
A01d SCALE 1:200M

CONSULTANT:	PRINCIPAL ARCHITECT:	DESIGN ARCHITECT:	PROJECT TITLE:		REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:					
 ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SCOTT BERNARDO STREET, SOUTH BRIDGE, QUEZON CITY, METRO MANILA, 1305 (TEL NO. 8881-188) www.arcebailonarce.com	 MARIANO S. ARCE, JR., IUPD REG. NO.: 6844 PIR NO.: 9379531 TIN: 129-345-871 DATE: 01/07/20 QC	 MA. NINA BAILON - ARCE, IUPD REG. NO.: 6970 PIR NO.: 9379532 TIN: 111-535-735 DATE: 01/07/20 QC	 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BONIFACIO DRIVE, PORT AREA, MANILA	 CONSTRUCTION OF A FOURTEEN-STOREY REINFORCED CONCRETE BUILDING COMPRISING FOUR-STOREY MULTI-USE PODIUM, TEN-STOREY ACCOMMODATION TOWER WITH ROOF DECK AND BASEMENT PARKING & UTILITIES INCLUDING SITE DEVELOPMENT AND VARIOUS SITE IMPROVEMENTS AT THE DAP CONFERENCE CENTER IN TAGAYTAY CITY FOR THE PURPOSES OF "STRENGTHENING THE CAPACITY OF THE DEVELOPMENT ACADEMY OF THE PHILIPPINES TO PROVIDE BOTH GENERAL & HIGHLY SPECIALIZED TRAINING COURSES FOR THE GOVERNMENT OFFICIALS"	(SEE COVER SHEET FOR SIGNATURE) WILFRED M. NAPIZA OIC-CHIEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) BLESID S. RAMOS DIRECTOR IV, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ADOR G. CANLAS UNDERSECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	(SEE COVER SHEET FOR SIGNATURE) MEDMER G. MALIG ASSISTANT SECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	 DEVELOPMENT ACADEMY OF THE PHILIPPINES  ATTY. ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	FJ016 - RFA-AR-002 NEW NIB STAKING POINT	16-06	A0-1d							
					SHEET BLOW-UP PLAN														
THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)											DESIGNED BY: ACM	CAD ENCODER: CGT	CHECKED BY: MSAJ	DATE: AUGUST 2022					



1 S-10 SCALE 1:20MTS. SHEAR WALL 1 DETAILS							2 S-10 SCALE 1:20MTS. SHEAR WALL 3 DETAILS							NOTE: REFER TO AS-BUILT DRAWINGS FOR VERIFICATION.		THE REVIEW AND APPROVAL OF THESE PLANS AND DOCUMENTS BY THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DOES NOT RELIEVE THE CONSULTANT OF ACCOUNTABILITY AND THE RESPONSIBILITY FOR THE SAFETY OF THE STRUCTURE(S)											
CONSULTANT:		PRINCIPAL ARCHITECT:		STRUCTURAL ENGINEER:		PROJECT TITLE:		REVIEWED AS TO DESIGNED CONCEPT:		RECOMMENDING APPROVAL:		APPROVED:		OWNER:		CONCURRED:		SHEET CONTENTS:		REVISION:		PROJECT NO.:		SHEET NO.:			
 ARCHITECTS ENGINEERS CONSULTANTS 14 SCOUT BARRADO STREET, SOUTH BRIDGE, QUEZON CITY TEL: 129-343-871 DATE: 01/07/2022 TNC: 115-891-419 DATE: 01/06/2024 www.arcebailonarce.com		 MARIANO S. ARCE, JR., IUPD		 RENATO R. UBAY, IUPD		Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Tagaytay City for the purposes of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"		 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BONIFACIO DRIVE, PORT AREA, MANILA		(SEE COVER SHEET FOR SIGNATURE) JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION, BOD, DPWH		(SEE COVER SHEET FOR SIGNATURE) ENGR. ARISTARCO M. DOROY OFFICER-IN-CHARGE, BOD, DPWH		(SEE COVER SHEET FOR SIGNATURE) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPMO OPERATIONS & TECHNICAL SERVICES, DPWH		 DEVELOPMENT ACADEMY OF THE PHILIPPINES		 FATY, ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP		SHEAR WALL 1 DETAILS SHEAR WALL 3 DETAILS		RFL-A-004 (2020 SEPT.) RFL-S-0019 (2021 MARCH)		16-06		S-10	
REG. NO.: 6844 TIN: 129-343-871		PIR NO.: 937934 DATE: 01/07/2022		REG. NO.: 7085 TIN: 115-891-419		PIR NO.: 941182 DATE: 01/06/2024												DESIGNED BY: FRM/RRJ		CAD ENCODER: JGB		CHECKED BY: MSAJ		DATE: AUGUST 2022			



LEGEND:

WALL FOOTING

WALL

COLUMN

1 PERIMETER FENCE LAYOUT & DETAILS
S2-2 SCALE 1:150MTS.

CONSULTANT:	PRINCIPAL ARCHITECT:	STRUCTURAL ENGINEER:	PROJECT TITLE:	REVIEWED AS TO DESIGNED CONCEPT:	RECOMMENDING APPROVAL:	APPROVED:	APPROVED:	OWNER:	CONCURRED:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 14 SOOPE BOULEVARD STREET, SOUTH BANGAL, QUEZON CITY, BANGALUW, 0800 2201 FAX NO. 8551 1887 www.arcebailonarce.com	MARIANO S. ARCE, JR., LUOP	RENATO R. UBAY, P.Eng	Construction of a Fourteen-Storey Reinforced Concrete Building comprising Four-Storey Multi-use Podium, Ten-Storey Accommodation Tower with Roof Deck and Basement Parking & Utilities including Site Development and various Site Improvements at the DAP Conference Center in Taguig City for the purposes of "Strengthening the Capacity of the Development Academy of the Philippines to Provide both General & Highly Specialized Training Courses for the Government Officials"	(SEE COVER SHEET FOR SIGNATURE) WILFRED M. NAPIZA OIC-CHEF, BUILDINGS DIVISION, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) BLESID S. RAMOS DIRECTOR IV, BOD, DPWH	(SEE COVER SHEET FOR SIGNATURE) ADOR G. CANLAS UNDERSECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	(SEE COVER SHEET FOR SIGNATURE) MEDMER G. MALIG ASSISTANT SECRETARY FOR TECHNICAL SERVICES & INFORMATION MANAGEMENT SERVICES, DPWH	DEVELOPMENT ACADEMY OF THE PHILIPPINES	FATTY ENGELBERT C. CARONAN, JR., MNSA PRESIDENT AND CHIEF EXECUTIVE OFFICER, DAP	PERIMETER FENCE LAYOUT & DETAILS		16-06	S2-2
REG. NO.: 2844 PIR NO.: 9376531 REG. NO.: 7085 PIR NO.: 9141182 TIN: 129-343871 DATE: 01/07/20 QC TIN: 115-891419 DATE: 01/04/20 MIA										DESIGNED BY: FNAJUNRU	CAD ENCODER: JGB	CHECKED BY: MSAJ	DATE: